3rd Cycle of Assessment and Accreditation

SELF-STUDY REPORT

Submitted to

National Assessment and Accreditation Council

Bengaluru

VOLUME - I

OSMANIA UNIVERSITY

Hyderabad – 500 007

March 2017

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DECLARATION

I certify that that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Place: Hyderabad
Date: 16 March, 2017

Signature of the
Head of the Institution

Vice-Chancellor
Osmania University
Hyderabad-500007.

VOLUME I

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PREFACE

It's my proud privilege to present this 'Self-Study Report', which details about the performance of Osmania University during the period under review, for the 3rd cycle of accreditation by the National Assessment and Accreditation Council (NAAC).

As the one of the oldest and most prestigious Universities of southern India, Osmania University is committed to academic excellence in higher education through equity, accessibility and quality. I am very glad to share that the university is celebrating centenary celebrations in the current year i.e. 2017. During its 100 years of long existence it has played key role in higher education in Telangana and the Nation by its innovations. Osmania is a public university serving learners from diverse backgrounds and different needs. Therefore, the mission of the University is to provide a comprehensive, high-quality education that engages our students in quest for learning through research and broad-based scholarship. In addition, members of the faculty are constantly motivating and empowering the students to gain knowledge to compete in global market and solve societal problems. Whether in teaching, research, outreach or student engagement - equity, access and quality are the defining attributes of the University's mission.

The University was accredited for the first time in 2001 by NAAC with 'Five Stars', and re-accredited in 2008 as an 'A' Grade institution with CGPA 3.31 on a four point scale. During the post-accreditation period, the University implemented several academic and administrative reforms which have yielded tangible results as prognosticated. I am sure, the present 'Self-Study Report' and the subsequent process of assessment and accreditation amply provide an opportunity for further improvement in the institutional performance to reach new horizons of excellence in improving higher education and thus help to compete with top institutions in the country.

The report has been prepared, with utmost care as per the revised self-study manual of NAAC, covering all the aspects of different criteria based on the inputs collected from all departments and sections of the institute. It is our endeavour to showcase the University's credentials and other contributions made in the period after the 2nd cycle of assessment and accreditation. Therefore, I sincerely hope that the document will help peer team members to asses the performance of the university.

Hyderabad
March 16, 2017

Prof. S. Ramachandram
Vice-Chancellor
Osmania University

Executive Summary

Established in 1917, Osmania University (OU) is the seventh oldest in the country. A multi-campus university comprising of eight campus colleges, five constituent colleges and five district PG colleges with 12 faculties having 721 affiliate colleges. OU fulfills the higher education aspirations of over 35 million people covering the underserved areas of Telangana State.

1. Curricular Spread

In all 12 faculties, OU offers a number of Undergraduate, Postgraduate, and Research programmes.

- Two Diploma Courses, 11 PG Diploma Courses, 13 Undergraduate, 88 Postgraduate, one M Phil, 65 PhD programmes, two integrated programmes.
- OU caters to the diverse needs of about 3.2 lakh students in the university, constituent and affiliated colleges.
- Through innovations in curriculum, new courses are introduced to address the emerging needs of knowledge-based society.

Update

Once in every three years, the Boards of Studies revise and update the syllabus in accordance with the recommendations of UGC/AICTE/PCI/NCTE/BCI. The latest developments, dynamic needs of the society, industry and research organizations, and above all global employability of students are factored into revision of curriculum. Also, the syllabi of various UGC/CSIR, NET and SET examinations are taken into account to enable students to compete.

Feedback is sought by academic bodies from the stakeholders once the website upload of syllabi is complete and comments and suggestions are taken into account.

New courses are designed or the existing ones are restructured based on:

- interdisciplinary approach
- need based modules
- compulsory courses on culture, heritage and environment
- cross disciplinary and cross faculty participation
- credit based system
- common instruction for all PG courses
- project work and internship
- guest faculty drawn from the industry
- global competitiveness
- entrepreneurs skill development

Semester system is followed in all Postgraduate and Professional courses offered at main campus, constituent and affiliated colleges.

In autonomous colleges, UG courses follow semester system.

Choice Based Credit system (CBCS), with a choice to opt for one inter-disciplinary paper each in III and IV semesters was introduced in all the PG and UG programmes from the academic year 2009-10 and 2016-17 respectively.

Ten-point grading system for all PG/UG programmes is in vogue.

- Academic flexibility to pursue different university programmes.
- Students in regular mode can do diploma courses offered through the distance mode.
- As value addition, modular Information Technology (IT) certificate courses and regular UG students can pursue these courses.
- Candidates migrating from other institutions in the country can transfer the credits/marks.
- Differently-abled has special provisions in procedures and regulations (e.g. concessions in fees and pass marks).
- Special classes for slow learners

2. Teaching-Learning and Evaluation

Admission policy: Transparent procedure for admissions into different courses.

- The Directorate of Academic Audit monitors the admission process for all affiliated colleges having UG programmes. Common schedule with uniform procedures are adopted for all admissions.
- For all PG courses, the Directorate of Admissions is responsible for notification, conduct of common entrance tests and centralized web based counseling. It also conducts PhD eligibility test and monitors professional courses admissions.
- Students are admitted into courses in Engineering, Technology, Pharmacy, Computer Applications, Business Administration, Law, and Education through State- level Common Entrance Tests.
- In all courses, statutory reservations stipulated are followed. Reservations help protecting the interests of the disadvantaged communities, differently-abled, economically weaker sections, children of ex-servicemen, athletes and sports persons.
- Women are earmarked 33% of seats.
- In addition, supernumerary quota is for differently-abled (3%), wards of Ex-Service Men (1%), NSS/NCC/Games and Sports (2%), National Integration Quota (5% students of other states) and NRI/PIO (5%) are admitted.
- A single window has been set up in University Foreign Relations Office (UFRO) to attract and mobilize students from across the world. A record number of foreign students were enrolled into various courses in the year 2014-15 i.e.1744.
- Greater access to rural poor is envisioned in vision and mission document. In sync with this commitment, the university has permitted 721 affiliate colleges. The strength of students admitted has been retained despite shift of many colleges to newly established universities. The university continues to maintain its brand image in quality education.

Meeting up with the felt needs

The following measures are taken to cater to the diverse needs of students from rural backgrounds:

- Equal Opportunity Cell (EOC) contributes to the educational development of the weaker sections. EOC attends to the educational needs and provides career guidance to students from the disadvantaged sections of society.
- Centre for Educational Development of Minorities (CEDM) promotes minorities to take up competitive examinations.
- English Language Training Centre (ELTC) and Center for English Language Training (CELT) offers need based courses to both local and foreign students. These courses help students to refine communication skills. The centre also organizes English language programmes for affiliate college teachers and local community.
- Meritorious students get support to participate in national and international seminars and attend workshops during summer and winter vacation.
- Slow learners get tutorials, advisors and mentors ascertain student needs to guide in their academic pursuits.
- Student-centric participatory learning is through laboratory work, computer aided learning programmes, audio visual resources, project/field works, training programmes, study tours and internships.
- EMRC produced educational video programmes are telecast on the 24-hour VYAS Higher Education Channel and the centre launched an awareness campaign on the programming details of VYAS channel through special screening in select colleges.
- EMRC produced multimedia e-learning programmes on syllabus based topics in social work, hotel management, history, political science, fashion technology, public administration, and international relations. Also, EMRC produced a number of knowledge enrichment programmes.

OU teachers are of high caliber

OU takes pride in committed teachers who are highly qualified with 72% having a PhD.

- 1:20 is the teacher-student ratio.
- Teachers have access to Wi-Fi enabled Internet. ICTs keep teachers abreast with the latest developments. Teaching-learning experience is enhanced through innovative methods. Modern tools employed are: LCD/LED projectors, power point presentations, models, demonstrations, Internet resources, computer simulations.
- Teachers are deputed to attend refresher/orientation courses, seminars, conferences, and workshops. To update their knowledge and skills, 60% of the teachers avail this facility every year.
- OU Professors (90%) are invited as resource persons at workshops, seminars, conferences, refresher courses conducted by various Academic Staff Colleges.
- OU teachers have computer skills, and teach courses using computers as part of the curriculum.

- In the last six years, several teachers won honors and awards (240) for their contribution to knowledge.
- Student involvement and participation is given a shot by supplementing lectures with handouts, power point presentations etc.

Examinations and evaluation

Method for examination & evaluation includes:

- Shuffling of examination centers
- Coding of answer script
- Question bank for practical examinations
- Centralized evaluation
- Double valuation in all PG courses, difference of 20 marks or more, the script goes to third valuation and factors parity
- Chief and Additional Chief Examiners are appointed
- Review of valued answer scripts (minimum of 10%) by the Additional Chief Examiners in all non-professional UG courses
- Provision for revaluation in UG courses and recounting in PG courses
- Computerization of all works in the conduct of examinations and results
- OMR sheets to speedily process PG entrance examination results to doubly ensure security, objectivity and cut expenditure
- Use of biometrics during entrance examintations to check impersonation
- 32-page stitched answer book with security features
- Online encrypted question papers for semester end examinations of professional courses.
- To ensure uniformity in valuation, detailed scheme of evaluation to all examiners are provided
- *Tatkal* for issue degree certificates and others on priority basis
- The degree certificates have the following security features:
- Micro-printing, special borders
- Water mark, photograph, and hologram
- Invisible printing
- Electronic Data Processing (EDP) in the examination branch
- Publication of results on the website along with provisional marks sheets.
- OLIVE data on OU website displays qualified students of professional courses. This facility facilitates Embassies to check the veracity of the documents
- Software to collect college-wise and course-wise student information and issue of computerized hall tickets
- Bills and payments connected to Local Area Network (LAN) in examination branch
- Electronic distribution of question papers through Secured Electronic Distribution of Examination Papers (SEDEP)
- Revaluation applications introduced through TS/APONLINE to facilitate PG students and extended to UG from academic year 2015-16
- Online payment of remuneration to examiners

- Online software for allotment of practical examiners with access to BoS Chairpersons
- Online awards list submission on practical work in UG Courses from 2015

3. Research, Consultancy and Extension

OU created a strong research base through national and international linkages

- Faculty involved in basic and applied research
- UGC sponsored departmental projects, schemes and other funding agencies (DST-FIST, DBT-ISLARE) in the last six years got OU 135 Crores.
- Central Facility for Research and Development (CFRD) with a state-of-the-art laboratory equipment was established to cater to the needs of researchers

Research output during 2009-16

- 232 research projects for individuals with 30 Crore funding
- 5225 research papers, including 2223 in Scopus Database with an average impact factor of 0.985 and 2398 in Web of Science Database with an average citation per paper of 5.50 published in national and international journals of repute
- H-Index for OU is 40 as per Web of Science Database
- 230 seminars, 65 conferences, 40 workshops, 19 symposia of national/international character held
- Consultancy projects worth Rs. 2.24 Crore
- 2218 PhDs

Recent research accomplishments

The following departments have been recognized for Advanced Studies.

- Department of Genetics (CAS- Level II)
- Department of Political Science (CAS – Level II)
- Department of Communication and Journalism (CAS – Level II)
- Department of Geography (CAS – Level I)
- Department of Botany (CAS – Level I)

UGC recognized two constituent colleges and two affiliated colleges as “Colleges with Potential for Excellence”

- Research collaboration with 46 national and 12 international organizations in frontier science and cutting edge technologies has been established
- Nine patents were filed and five have been patented
- Technical Education Quality Improvement Programme (TEQIP-II) with World Bank assistance Rs. 35.00 crore was sanctioned in academic year 2011-12 to University Colleges of Engineering and Technology in a phased manner to transform the Technical Education System.
- DST, Government of India (GoI) sanctioned an amount of Rs. 9.00 crore for Promotion of University Research and Scientific Excellence (PURSE) in 2010-11. This was in appreciation of OU’s R&D contributions and to further strengthen research activities.

- Establishment of Advanced Centre for American Studies: OU established the Advanced Centre for American Studies with the financial support of Rs. 5.00 Crore from UGC during 2010-11.
- University with Potential for Excellence (UPE): OU got the coveted UPE status during XI Plan period with Rs. 50.00 crore funding to strengthen the academic and physical infrastructure for achieving excellence in teaching, research and outreach programmes and for promoting flexible and effective governance. OU initiated four multi-disciplinary research programmes such as 'Materials Research-Social Relevance' under focused area, 'Crustal Evolution', 'Multilingualism' and 'Governance' under holistic development.
- Centre with Potential for Excellence in Particular Area (CPEPA): UGC under CPEPA scheme gave a grant of Rs. 2.80 crore in 2010-11 for establishment of an advanced research centre in the area of 'Bio-prospecting of important medicinal plants for health care'.

Research thrust areas

Solid State Physics, Materials Science, Bio-prospecting, Microbial biotechnology, Crustal evolution, Molecular Biology & Stress Response, Microbial diversity, Natural Product Chemistry, Neuro Biology, Biodiversity Assessment and Conservation, Digital Governance, Decentralized Governance, Inclusive Growth in Agriculture, Rural, Urban and Tribal Development, Socio-economic Studies, Developmental Studies, and Strategic Studies

- Banking and Finance Marketing
- Gender Studies and Area Studies
- Orientations to newer Technologies in English Teaching
- Video Production, e-Journalism, and Advertising

Consultancy

A centralized Research Development and Consultancy Cell (RDCC) act as a single window facility to promote and coordinate consultancy projects. In the last four years, several consultancy projects have been undertaken.

Research collaborations and Training Institutions

OU has a number of research centers, which include:

1. Centre for Plant Molecular Biology
2. Institute of Genetics and Hospital for Genetic Diseases
3. Centre for Biotechnology
4. Centre for Energy Technology
5. Centre for International Programmes
6. Centre for Quantitative Methods
7. Centre for Women's Studies
8. Regional Centre for Urban and Environmental Studies
9. Research & Training Unit for Navigational Electronics
10. Research Development and Consultancy Cell
11. Sir Ronald Ross Institute of Parasitology
12. Centre for Studies in Bioterrorism and Public Health Policy
13. Advanced Centre for American Studies

14. Educational and Multimedia Research Centre
15. Centre for Indian Ocean Studies

OU has recognized 50 national research institutes and laboratories as research centers for a PhD degree in the faculty of Science, Engineering and Technology and has a strong tradition of collaboration with Industry and R&D establishments. OU has signed MoUs with 46 National and 12 International Institutions for collaboration in teaching, research and training.

4. Infrastructure and Learning Resources

OU campus and constituent colleges are located in sylvan surroundings in prime locations of the twin cities of Hyderabad and Secunderabad.

The campus spreads over 1632 acres and the buildings that dot the campus have a plinth area of about 4,33,406 square meters.

OU Building Division is entrusted with the responsibility of construction and maintenance of roads and buildings which include sanitation, electric and water supply. The annual budget allocated for the maintenance of infrastructure is Rs. 2.80 Crore.

The infrastructural facilities are:

- OU website www.osmania.ac.in
- College and department websites
- Intranet, Internet and Wi-Fi connectivity through fiber optic cables to all departments, hostels and administrative blocks
- 45,000 e-books access in OU Digital Library
- 75 km stretch optical fiber cable with 1GBPs connectivity under NMEICT
- Central library with a floor area of 5760 m^2 has:
- 1500 seating capacity
- 543759 books
- 15000 e-journals through E-Shodhsindhu Consortia
- 6825 manuscripts including some rare palm leaf manuscripts
- Competitive examination reference section
- Internet
- Computerized library services
- Online Public Access Catalogue (OPAC), SCIFINDER, JCCC- E-Shodhsindhu
- 45000 rare books and manuscripts in digital form
- 12307 UN Documents
- Important National and International journals
- Books worth 1.0 crore and Journals worth 50 lakhs added during the last five years
- Access to e-journals through INFLIBNET and INFONET

Twenty four (24) hostels accommodate 5130 male and 2919 female students, which include one for foreign students hostel.

Hostels also have:

- Newspapers, periodicals, and television
- Common rooms
- Internet
- University Health Centre with round the clock medical attention and a separate clinic at Women's Hostel and Ambulance
- Indoor games
- Outdoor games
- Gymnasium

New facilities

- A new hostel for women
- A new hostel for men
- A new hostel for foreign students
- A new hostel for egineering students
- Sports Hostel
- A new stores building in Examination Branch
- Extension to Controller of Examinations office building
- Pathological lab and physiotherapy hall at OU Health Centre
- Renovated swimming pool and indoor stadium
- New lawns
- A new central facilities building in College of Technology
- Centre for Distance Education annex block
- A new building for Directorate of Academic Audit Cell
- New classroom complex
- Second floor over the existing ladies hostel building (CHW – III) complex.
- A separate hostel for foreign students
- Central Facilities for Research and Development (CFRD)

5. Student Support and Progression

Student Progression

- Out of the total 12,770 (including Ph.D students) students enrolled in 2015-2016, 3,055 SC/STs, 5611 are from Other Backward Classes.
- In the last decade, SC/STs and Other Backward Classes enrollment significantly increased.
- About 30 per cent of UGs pursue higher education, sixty per cent get placed and 10 per cent of them go to pursue post-graduation, and the rest opt for higher education abroad or become entrepreneurs.
- In all, 12 percent undertake research in various fields leading to doctoral degree.

Student Support

- As per the guidelines of the government, over 7000 scholarships have been provided to students belonging to SC/ST, BC and EPP categories.
- In order to spread job information and employment guidance, OU established Employment Information and Guidance Bureau.
- Online placements are done through an exclusive web portal. This provides wider accessibility and employment opportunities to students.
- Placement cells in colleges facilitate campus recruitment and career guidance.
- This year, 41 companies visited OU College of Engineering and a record number of 590 students were selected on campus recruitment.
- Over 400 students were selected for various jobs from OU College of Engineering, College of Technology and others campus colleges. From conventional courses, an additional 500 students were selected.
- A whopping 2,682 students qualified in NET/SET/GATE/CSIR (2009-16).
- Over 50 corporate organizations visit OU College of Commerce every year and offer placements to the students. Sixty five per cent of them in the current batch are already placed in various organizations.
- Entrepreneurship Development Cell (EDC) is created to promote self-employment. EDC trained 4,537 candidates during 2010-16, 58 of them have turned into entrepreneurs by starting their own units and have provided jobs to 492 in all.
- Support services are provided to SC/ST, differently-abled, BCs, minorities, and foreign students. Some of these are:
    - Equal Opportunity Cell
    - SC/ST Cell
    - BC Cell
    - Minority Cell
    - University Foreign Relations Office

In all academic and welfare activities, University Alumni Associations are involved. Counselors/Mentors interact regularly to advice on academic and other related matters.

Psychological Counseling Centre (SAHAYAM) provides support to overcome mental barriers.

OU constituted three Grievance Committees for teachers, non-teaching staff, and students.

A Dean heads the Students Welfare Office whose mandate is to organize welfare activities to students.

ELTC and CELT help students in spoken English and communication skills for rural Telugu medium students and foreign students.

Student Activities

- Incentives in cash and kind are given to students proficient in sports
- OU students participated and won laurels in national and inter-university tournaments and sports meets

The following are the OU extension activities:

- Adoption of villages and slums
- Water harvesting
- Check dams
- AIDS/HIV awareness camps
- Pulse polio immunization programmes
- Literacy camps
- Blood donation camps
- Tree plantations camps
- NSS special camps
- NSS mega camps
- NCC camps

6. Governance and Leadership

Institutional Vision and Leadership

OU's vision and mission statements reflect the aspirations and incorporate the national agenda of higher learning.

We Believe	-	An educated person is one who contributes to the society
Intellectually	-	Through analytical abilities and insight of knowledge
Economically	-	Through productive application of skills
Socially	-	Through an understanding and appreciation of the world, individuals, groups, beliefs and traditions
Ethically	-	Through sensitivity and faithfulness to spiritual values
Politically	-	Through the use of reason in the affairs of the state and country
Creatively	-	Through procedures, innovation and research.

The goals and objectives of the institution are

I. To achieve excellence in teaching and research for the advancement and dissemination of knowledge.
II. To spread higher education in the entire region of Telangana and more so among the educationally backward classes and women.
III. To improve the quality of life and contribute to sustainable development of the region and the nation in harmony with our culture, heritage and environment.

The institutional mission and goals are reflected in the curricula. OU through its established wings makes constant efforts to promote skills among the students:

a. **Capacity to learn:** Provide access to Internet, creating an academic environment and nurturing the spirit of competition among the student community.

b. **Communication skills:** Provide instruction to students in communication skills through English Language Training Centre (ELTC) and CELT.
c. **Numerical skills:** Impart numerical skills to students through Centre for Quantitative Methods (CQM).
d. **Use of IT:** Introduce IT in curriculum and providing opportunity to students to study PGDCA in Centre for Distance Education (CDE).
e. **Train to work independently as well as a team member:** Organize group discussions, personality development programmes, and NSS activities in order to enable students to develop as leaders and team players.

Organizational Arrangements

The organizational bodies of OU are: Executive Council, Finance Committee, Academic Senate, Standing Committee, Faculty and Board of Studies, Departmental Committees and IQAC.
The Vice-Chancellor is assisted by heads of all other bodies in effectively discharging his duties.
Clear guidelines and procedures are established for grant of provisional and/or permanent affiliation to colleges. Director, Academic Audit Cell monitors these activities.
College Development Council is the focal point to look into the academic/administrative problems of affiliated/constituent colleges.
Dean, College Development Council functions as liaison between affiliated colleges, and UGC and TSSCHE.

Strategy Development and Deployment

In the march towards excellence, OU envisages the following as thrust areas in higher education and as identified by the UGC:

- ✓ Access, equity and inclusive education
- ✓ Promotion of research and innovation
- ✓ Quality in education
- ✓ Any time anywhere learning
- ✓ Vocational education

Developmental needs of the affiliated colleges are met by appointing senior teachers of the University as nominees on the Governing Bodies and Selection Committees.
The affiliated Colleges interact with through an institutionalized mechanism known as “Council of Affiliated Colleges”.
Directorate of Academic Audit conducts inspections and audit during April-May every year for all professional courses.
Inspections are held for all degree colleges once in three years.

Human Resource Management

OU recruits teaching and non-teaching staff on the basis of workload.

- Faculty positions are advertised in national newspapers and teachers are recruited as per norms prescribed by UGC and AICTE.
- Women faculty constitute 28 percent, 72 percent of the total faculty have a PhD and 1 percent possess M Phil.

- Teaching and non-teaching staff ratio is 1:2.79.
- Teacher performance is monitored through student feedback at the end of every semester.
- Academic diaries are continuously monitored by the Heads of the Departments/Principals.
- Confidential reports, performance appraisal of non-teaching staff are periodically analyzed.
- Administrative staff gets regular training programmes at the Academic Staff College, which spans 8-10 days and cover topics like accounts, communication skills, personality development etc.

Resource mobilization & management

- Finance Officer controls the budget and expenditure. All financial matters are scrutinized by the finance section.
- Finance Officer prepares the OU budget and ensures proper utilization of funds received from state and other agencies.
- Local Fund deputed by the state government audits the accounts every year.
- Fee collection is revised once in 3 years.

7. Innovative Practices

Internal Quality Assurance OU has quality assurance in its academic and administrative system through the following:

- Internal Quality Assurance Cell (IQAC)
- Quality Monitoring Cells (QMC)
- Directorate of Academic Audit
- College Development Cell (CDC)
- Departmental Committees (DC)
- Departmental Research Committees (DRC)
- Student Advisory Council
- Lady Counselors
- Gender Sensitization – Committee Against Sexual Harassment (GS-CASH)
- Academic calendar for UG and PG programmes is made before the beginning of the academic year.
- Officer on Special Duty (OSD) regularly monitors student attendance.
- OSD obtains the student feedback from all colleges, analyzes and suggests remedial measures.
- Internal Quality Assurance Cell (IQAC) has evolved mechanisms to record and monitor the healthy practices in the institution.
- Quality Monitoring Cells (QMC) monitors quality aspects in campus and constituent colleges in coordination with IQAC.
- On academic progress and career opportunities, the faculty regularly counsels students.

- OU is the first to establish the Directorate of Academic Audit to monitor the functioning of affiliate colleges under its jurisdiction.
- Departmental Committees make recommendations on academic and administrative matters and implements the decisions taken.
- Departmental Research Committees monitor the research activities and ensures quality in research.
- Student Advisory Councils help students deal with academic, administrative, disciplinary, personal, social and emotional problems.
- Women faculty is available to counsel girl students during the college hours.

The following extension activities are taken up by students as a value addition:

- Tree plantation
- Blood donation camps
- Adoption of villages and slums
- Community Services
- AIDS awareness camps
- Pulse polio immunization programmes
- Literacy programmes
- Cardiology and Diabetic camps for Osmania University employees by the University Health Centre in association with CARE Hospitals.
- Pre-natal diagnosis, genetic counseling and maintenance of genetic registry by the Institute of Genetics. Genetic marker for breast cancer in collaboration with Nizam Institute of Medical Sciences (NIMS).

New initiatives

- Shift from conventional to smart classrooms
- Creation of e-classrooms
- Production of audio-visual learning resources
- Establishment of Advanced Centre for American Studies
- Setting up of Central Facilities for Research and Development
- Establishment of Centre for Life Long Learning
- Organizing international conferences
- Providing greater access to computers, Internet and Wi-Fi
- Conducting communication skills and personality development courses
- MoUs with National and International Organizations
- Commitment to quality, established OU as a centre of learning. Its responsibility towards the changing needs of learners and stakeholders makes OU the first choice of lakhs of students.
  Further,
  - OU responds to local and global trends in education and employment. By revising and updating the course content, by introducing new programmes, and by promoting innovations in research and development, OU makes students future-ready.
  - Through knowledge imparted to the students, OU retains the confidence and meets up with their expectations.

- Affiliating system is strengthened by streamlining the core of academic structure.
- Academic Branch and the Directorate of Academic Audit have been computerized to facilitate speedy information process and transmission.

SWOC ANALYSIS

OU over the years has expanded enormously. It established new academic institutions, developed linkages with national and international organizations, introduced new and relevant courses, and improved the governance focusing on teaching and research in interdisciplinary and emerging areas.
It has its own strengths, opportunities that enable OU to march ahead and compete with the ever-expanding growth in higher education.

Methodology

Based on internal and external evaluation, a SWOC analysis of OU is presented here:

- Student feedback
- Self-appraisal of faculty
- Departmental annual reports
- NAAC peer review reports, reports of other UGC committees and various funding agencies
- Scientific publications database (SCOPUS and INFLIBNET)
- National and international web based reports and rankings

Inferences

Student feedback is used to evaluate the quality of curriculum and faculty. In addition, feedback is also taken to know about amenities, infrastructure, and other services.
Self-appraisal of faculty helps in evaluating the performance in academics, research and governance of the university.
Departmental Annual Report documents progress in teaching and research, details collaborations and best practices adopted to attract grants and employability of the students.
Peer Review Reports emphasize on the scope of improvement and focus on the weaknesses.
Evaluation of Scientific Publications Database (SCOPUS and INFLIBNET) provides motivation for improvements in research to attract better funding. This is in addition to competitive spirit for better ranking in quality publications.
National and international magazines/ web based reports and rankings help in identifying the weaknesses, opportunities and challenges in terms of academics, research, governance, global placements, spread of alumni base etc.,

STRENGTHS

Academic

- Multi-faculty(12), multi-campus(8 locations) with 51 departments
- Eight campuses, 8 constituent and 721 affiliated colleges
- 17 autonomous colleges
- Five UGC recognized departments as Center for Advanced Study (CAS)

- 36 departments received special assistance from national funding agencies like UGC, DST, MHRD etc.,
- 58 MoUs signed for academic and research collaborations with industry and science and technology organizations.

Admission Policy

- Transparent admission policy. For UG regular courses admission is based on merit in the qualifying examination. Admissions to UG (Professional), PG and PhD Courses are through Common Entrance Test. In PhD, common entrance test is followed by personal interview.

Curricular Activities

- Review, revise and restructure the curricula through continuous up-gradation for UG, PG, M.Phil, and Pre-PhD, programs by incorporating the best from national and international bodies based on industry needs
- Offer socially relevant innovative programs, add-on courses
- Inter-disciplinary program in several disciplines
- Choice Based Credit System in all PG programs and course work for PhD programs
- Five-year integrated courses at UG & PG level with project work in all PG and UG (Professional) programs
- Strict academic schedule and monitoring
- Periodic seminars by students, faculty and experts
- Language Lab in the curriculum of all UG professional courses
- Faculty Development Program through Academic Staff College

Evaluation

- Continuous evaluation process and semester system of examination for both UG (Professional) and PG courses
- From 2009-10, shift to grading system of evaluation
- Remodeling of question papers to enhance the evaluation standards
- Strengthening of doctoral thesis assessment

Research

- Research programs in all the departments leading to PhD
- Supported by 15 research centers on campus
- 232 on-going research projects with a total funding of Rs. 29.90 crore
- Consultancy and extension activities
- Central instrumentation facility to house sophisticated instruments
- Linkages for research collaboration in frontier science and cutting edge technologies with more than 46 national and 12 international organizations

Governance

- IT enabled services enhanced efficiency. OU established web servers, mail severs, database servers in the Registrar's office, which continuously updates

information on the OU website. There are exclusive servers at Centre for Distance Education and Examinations Branch.

- Website has college information system and provides list of UG/PG colleges under OU's jurisdiction.
- Pay rolls are computerized and all payments are through e-mode. Staff are provided training in accounting packages for greater efficiency
- Student and Faculty information are also computerized
- Online attendance for students
- Computer literacy drive reduced teaching to non-teaching staff ratio to 1:2.79 from 1:3
- Performance evaluation through self-appraisal and student feedback
- Introduced school concept for interdisciplinary research programs

Recent Accomplishments

- Over 250 faculty members visited abroad under financial assistance from TEQIP Phase–I and II, UGC and other funding agencies
- Established Technology Development Center as Incubator for Software Development
- Established Central Facilities for Research and Development housing modular research labs, virtual library, computational facilities, sophisticated instrumentation center, etc.,
- Career Awareness and Recruitment Drive (CARD) organized a common platform of interface through a 'job fair' for students seeking job opportunities with industry and research bodies
- First international UGC-UKIERI project
- Department of Biotechnology (DBT) granted 'DBT-ISLARE' under program support to strengthen institutional research in Biotechnology
- Department of Science and Technology granted 'PURSE' scheme based on Scientific Publications Database (SCOPUS)
- 'Center with Potential for Excellence in Particular Area' – 'Bio-prospecting of Medicinal Plants in Healthcare'
- OU got the coveted status "University with Potential for Excellence" in the year 2012- 13
- Two of OU colleges selected for TEQIP–II phase on competitive basis for special grants under World Bank Assistance

Library

- Library facilities are constantly upgraded in terms of net connectivity, purchase of computers, books, journals, magazines, and access to knowledge databases and e-journals
- Harnessing the potential of EDUSAT, UGC–INFLIBNET and AICTE-INDEST facilities, which are extended to library during working hours
- Universal Digital Library Project (UDLP) jointly undertaken by Carnegie–Mellon University and Government of India undertook digitalization of books
- Computerization of library is done through indexing of all books in English language.

Laboratories and Other Facilities

- Well-equipped laboratories with sophisticated equipment
- Well-equipped central workshop with trained manpower

Computational and Connectivity Facilities

- About 6500 computers with access to faculty, staff and students
- Fiber optic cabling (75 KM) and 24 X 7 connectivity with 1 GBPS speed Internet to all the Departments, administrative offices and hostels
- Well established University Computer Center with local area network of 40 computer systems
- Departmental connectivity through 2 mbps ADSL via internal telephone cables and KU band connectivity to district PG centers

Student Amenities

- Constructed three hostels for girls and one for boys
- A classroom complex for Engineering and Technology students
- Constructed an International Students Hostel for foreigners
- Proposal for the construction of Central Student Facility (CSF) is initiated for a 24 x 7 learning facility (50,000 sq. ft.) with e-Learning and virtual class rooms with the support of alumni.
- Construction of three new cafeteria is completed
- Well established Equal Opportunity Cell
- A separate computer lab with Internet connectivity is established exclusively for differently-abled students
- All campus colleges to have Student Utility Centers for research scholars for greater access to computer and photo copying facilities

WEAKNESSES

- Inadequate budget provision for maintenance of equipment, aging infrastructure and modernization of teaching and research laboratories
- Designing of modular based curriculum to match to the felt needs
- Chairs in different faculties for giving a fillip to the current programs enhance the quality and relevance of teaching and research
- Absence of formal mechanisms for:
  a. Academic counseling for building career path
  b. Utilization of expertise of superannuated faculty
  c. Special leave benefits extended to teachers to pursue higher studies/research

Lack of

1. Continuous recruitment every year to replace the retirements
2. Regular technical manpower to maintain sophisticated equipment and also IT enabled services
3. Elected Body of Student Representatives
4. Better access to new technologies and move towards interdisciplinary programs for Social sciences nd Arts Departments
5. Motivation towards Open, and Self-Learning

6. Incisiveness towards global standards of Higher Education among teaching staff

OPPORTUNITIES

- Vast campus with ample scope for expansion
- Expanding research base through various UGC programmes
- Emergence of Hyderabad on the national and international scenario
- Presence of pro-active industries and national laboratories in the vicinity
- Enhanced national and international accessibility
- Strong base for theoretical, experimental and applied research
- Capacity to expand consultancy and extension activities in various disciplines
- Vibrant academic environment promoting further research
- Scope for academic and research linkages with national and international organizations

CHALLENGES

- UG and PG affiliated colleges have reached optimum levels. Any further would be detrimental
- Global competition
- Increasing operational and maintenance charges
- Depletion of trained and senior manpower

Our endeavor has been to convert weaknesses into strengths and challenges into opportunities so that all stakeholders including students, scholars, faculty receives quality knowledge inputs.

Utilizing Strengths

Highly qualified and experienced faculty coupled with reasonably good infrastructure facilities has enabled the university to offer PG programs in diversified areas of specialization in interdisciplinary areas. It proposes to set up centre of excellence in relevant areas and enhance R&D activities.
Consultancy needs special impetus in different subject areas.
Alumni services are to be utilized for delivering expert lectures on state-of-the-art infrastructural facilities and for improving placements.

Overcoming Weaknesses

- The following facilities could be improved through: a) Modernization of labs and by junking obsolete equipment b) Procuring Journals and books, c)Promoting research facilities, and d)Providing Management Information Systems (MIS).
- Providing skills to technical staff working in all constituent colleges
- Industry - Institute Interaction can be improved by entering in to collaborative research projects with various national/international organizations of repute and by offering consultancy services in various fields
- Consultancy avenues in other departments is to be initiated

Exploiting Opportunities

- Students could be provided with PG programs assistantships. Reorient the programs based on market demand. This improves employability of the students.
- National level research and course collaboration

Mitigating Threats

- In recent years, quantum reduction of financial assistance by the State Government has led to scramble for funds. To overcome, self-finance courses were started at the PG level, which helped OU to sustain despite dwindling finances.
- Input quality concerns may be overcome by mentoring and adopting outcome based teaching methodologies.
- In the era of globalization, there is a possibility of entry of foreign Universities/ technical institutions as potential competitors. The university has proposed to enter into MoUs with international reputed universities.
- To counter threat, dynamic leadership with aggressive posturing is required to improve standards.
- Based on SWOC analysis, "strategic plan" has been developed for institutional development.

STRATEGIC PLAN

OU intends to accept the strategies as envisaged by the MHRD/UGC in order to enhance the access to higher education. OU would like to increase the intake to the tune of 25 per cent, over and above the existing strength of 12,770. This is in keeping with the market situation in the country and abroad.

Based on SWOC analysis, OU plans to adopt a four-pronged strategy to ensure access and expansion.

1. Strengthening of existing courses and departments
2. Establishing of new departments
3. Introduction of new courses
4. Starting of new Institutions

1. Strengthening of existing courses:

- The strategy adopted, include restructure, revision of the curriculum based on market and societal needs. Integration of graduate programs in select subjects to increase the intake with provision to choose pure academics, research, industry, service sector makes it attractive to knowledge seekers and skill learners. This should have flexibility with a wide choice of electives.
- The necessary modern infrastructure needs to be created to meet up with the regulatory norms for increase in the PG intake.

2. Establishment of New Departments:

- The establishment of new departments would be based on courses offered under self-finance with a scope for further expansion to offer higher degree of PhD. This is to attract more funds from various agencies. This action plan befits the recommendations of the NAAC peer review committee reports.

3. Introduction of New Courses:

- Three primary features go into the introduction of new Programs/Courses.
    - Program relevance and economic benefits for the region
    - Demand, resources and cost effectiveness for the program
    - Program uniqueness as a nucleus.
- This reflects on the need and works towards building access.
- These new programs are conceived based on the faculty expertise, completed research projects, equipment availability, trainings acquired, affiliating courses, linkages established with industry-institutes in India and abroad. Further, the proposed new programs are prioritized on the basis of demand, social relevance, economic development, emerging needs and regional and national priorities.

4. Starting of New Institutions:

- Launching of new institutions depends on the underserved areas in the OU jurisdiction, identified as educationally backward region. Further, national average of GER should be addressed in order to factor in social and gender dimension on access to higher education.
- OU has specific agenda for promotion of equity and inclusion in higher education by strictly adhering to the reservation policy and as envisaged in the XII Plan Higher Education Policy.
- Further, OU seeks support for subsidies for capacity building to improve access, retention and performance of the students from marginalized sections by permitting dual degree option of enrolment.
- A six-pronged strategy would be adopted to promote and sustain equity and inclusion policy.
    1. Construction of new hostels
    2. Improving employability of graduates
    3. Increased learning outcomes of the students
    4. Enhancing interaction with industry
    5. Creating virtual learning center
    6. Establishing scholarships and loan facilitation
- To promote knowledge based society, OU plans to sustain quality and excellence through institutional restructuring of academic and administrative reforms. This would go a long way in achieving excellence through efficiency in governance, effectiveness in planning, and use of human,

physical and financial resources so that the highest standards of quality in higher education are upheld. OU adopts the following strategies to streamline its functioning and achieve quality and excellence.

- Framing the graduate attributes and benchmarking of courses and syllabi
- Increase visibility in national and international arena through networking and collaborations. Also, provide faculty training and mobility by capitalizing on its potential for excellence status
- Achieve two-fold increase in publications with high impact factor and citation index
- Augment the infrastructure facilities and best practices
- Promote the Academia-Industry-Institute linkages to optimize resources and expand knowledge base

Challenges in implementation of Strategic Plan

- Adequate Infrastructure development for additional Intake in new programs
- Faculty recruitment on regular basis
- Motivating the faculty to work towards the set objectives
- Marketing of new PG programs
- Interdisciplinary nature of research
- Promote a strong sense of community, teamwork among the students, faculty, staff and alumni
- Above all, build strong relationship with society, in particular with the industry to contribute towards economic advancement of the country.

1. Profile of the University

1. Name and Address of the University:

Name:	Osmania University Hyderabad
Address:	
City:	
Pin: 500 007	State: Telangana State
Website: http://www.osmania.ac.in	

2. For communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Vice Chancellor	Prof. S. Ramachandram	O: 040-27098048 R: 040-27098499	9491382932	040-27098003	vc@osmania.ac.in
Registrar	Prof. Ch. Gopal Reddy	O: 040-27098043 R:	9866506129	040-27090020	registrar@osmania.ac.in
IQAC Director	Prof. Sriram Venkatesh	O: 040-27071067 R: 040-27015921	9440408333	040-27098003	director.iqac@osmania.ac.in

3. Status of the University:

State University	✓
State Private University	
Central University	
University under Section 3 of UGC (Deemed University)	
Institution of National Importance	
Any other (please specify)	

4. Type of University:

Unitary	
Affiliating	✓

5. Source of funding:

Central Government	
State Government	✓
Self-financing	
Any other (please specify)	

6. a. Date of establishment of the university: 26-04-1917

b. Prior to the establishment of the university, was it a/an

i.	PG Centre	Yes		No	✓
ii.	Affiliated College	Yes		No	✓
iii.	Constituent College	Yes		No	✓
iv.	Autonomous College	Yes		No	✓
v.	Any other:				

If yes, give the date of establishment:

7. Date of recognition as a university by UGC or any other national agency:

Under Section		DD	MM	YYYY	Remarks
i.	2f of UGC	28	12	1953	Since inception of the UGC
ii.	12B of UGC	28	12	1953	Since inception of the UGC
iii.	3 of UGC				Not Applicable
iv.	Any other				Not Applicable

8. Has the university been recognized

a. By UGC as a University with Potential for Excellence?

Yes ✓ No

If yes, date of recognition : 04/01/2012

b. For its performance by any other governmental agency?

Yes ✓ No

If yes, provide details

S.No.	Programme	Name of the Agency	Date of Recognition
1.	PURSE – I	Department of Science & Technology, GoI	17/03/2011
2.	PURSE – II	Department of Science & Technology, GoI	23/08/2016
2.	ISLARE	Department of Biotechnology, GoI	22/09/2009
3.	CPEPA (Life Sciences)	UGC	14/12/2011
4.	TEQIP – I	MHRD	03/11/2004
5.	TEQIP – II	MHRD	01/01/2012

9. Does the university have off-campus centr es?

Yes ✓ No ☐

If yes, Date of establishment: Date of recognition:

1.	Nizam College	1887	
2.	University College for Women, Koti	1924	
3.	University Post Graduate College, Secunderabad	1947	
4.	University College of Science, Saifabad	1951	
5.	University Post Graduate College of Law, Basheerbagh	1998	
6.	District Post Graduate College, Mirzapur	1980	
7.	District Post Graduate College, Vikarabad	1993	
8.	District Post Graduate College, Siddipet	1993	
9.	District Post Graduate College, Medak	1993	
10.	District Post Graduate College, Jogipet	2013	

10. Does the university have off-shore campuses?

Yes ☐ No ✓

If yes, Date of establishment: Not Applicable Date of recognition: Not Applicable

11. Location of the campus and area:

S.No	Campus Type	Location	Campus area in acres	Built up area in sq. mts.
i.	Main campus area	Urban	1632	433406
ii.	Other campuses in the country	Urban, Semi-Urban, Rural	243	76519
iii.	Campuses abroad	--	--	--

12. Provide information on the following: In case of multi-campus University, please provide campus-wise information.

i.	Auditorium/seminar complex with infrastructural facilities i. Auditorium (5 Nos) ii. Seminar Halls (in all the Departments)				Yes
ii.	Sports facilities				
	a.	Playground (12 Nos)			Yes
	b.	Swimming Pool			Yes
	c.	Gymnasium (3 Nos)			Yes
	d.	Hockey Stadium			Yes
	e.	Cricket Stadium			Yes
	f.	Indoor Stadium			Yes
	g.	Sports Lounge (8 Nos)			Yes
	h.	Velodrome (in collaboration with SAI)			Yes
iii.	Hostel				
	a.	Boys' hostel			
		1.	Number of hostels		19
		2.	Number of inmates		5130
		3.	Facilities		
			-	Mess and dining halls	Yes
			-	Indoor games	Yes
			-	Reading room	Yes
			-	TV Room	Yes
	b.	Girls' hostel			
		1.	Number of hostels		5
		2.	Number of inmates		2919
		3.	Facilities		
			-	Mess and dining halls	Yes
			-	Indoor games	Yes
			-	Reading room	Yes
			-	TV Room	Yes
	c.	Working women's hostel			No
		i.	Number of hostels		
		ii.	Number of inmates		
		iii.	Facilities		

iv.	Residential facilities for faculty and non-teaching		Yes
v.	Cafeteria		Yes
vi.	Health Centre - Nature of facilities available		Yes
	1.	In Patient	No
	2.	Out Patient	Yes
	3.	Ambulance	Yes
	4.	Emergency Care Facility	Yes
	5.	Pathological lab	Yes
	6.	Specialists' clinics	Yes
vii.	1.	Banking (one branch with three extensions counters)	Yes
	2.	Post Office (with one Sub Post Office)	Yes
	3.	Book Shops	No
viii.	Transport facilities to cater to the needs of the students and staff (Public Transport System covers the Campus)		Yes
ix.	Facilities for persons with differently abled		Yes
x.	Animal House		Yes
xi.	Incinerator for laboratories		Yes
xii.	Power House		Yes
xiii.	Waste Management Facility		Yes

13. Number of institutions affiliated to the university

Type of colleges	Total	Permanent	Temporary
Arts, Science and Commerce	421	11	410
Law	10		10
Engineering	10	2	8
Education	79	5	74
Management	129		129
MCA	22		22
Pharmacy	15		15
Oriental Languages	11		11
Hotel Management	19		19
Hospital Management	2		2
Special Courses (ASLP)	3		3

14. Does the University Act provide for conferment of autonomy (as recognized by the UGC) to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the University

Yes [✓] No [ ] Number [17]

15. Furnish the following information:

	Particulars	Number	Number of Students
a.	University Departments Undergraduate Postgraduate Research Centres on the campus	 12 51 14	 2999 6476
b.	Constituent colleges	10	9995
c.	Affiliated colleges	721	311707
d.	Colleges under 2(f)	19	6815
e.	Colleges under 2(f) and 12B	74	53215
f.	NAAC accredited colleges	57	
g.	Colleges with Potential for Excellence (UGC)	5	
h.	Autonomous colleges	17	
i.	Colleges with Postgraduate Departments	85	9008
j.	Colleges with Research Departments	8	
k.	University recognized Research Institutes/Centres	50	

16. Does the university conform to the specification of Degrees as enlisted by the UGC?

Yes [✓] No [ ]

If the university uses any other nomenclatures, please specify.

17. Academic programmes offered by the university departments at present, under the following categories:

Programmes	Number
UG	13
PG	88
Integrated Masters	2
M.Phil. (in MoU with College of Air Warfare & College of Defence Management)	1
Ph.D.	65
Diploma	2
PG Diploma	11
Any other Industry & Govt. Collaborative Programs including Integrated Ph.D.	5
Total	**187**

UG PROGRAMMES		
Sl. No.	**Degree**	**Programme**
1	B.Tech.	Chemical Engineering
2	B.Tech.	Food Technology
3	B.Tech.	Textile Technology
4	B.E.	Biomedical Engineering
5	B.E.	Civil Engineering
6	B.E.	Computer Science and Engineering
7	B.E.	Electrical and Electronics Engineering
8	B.E.	Electronics and Communication Engineering
9	B.E.	Mechanical Engineering
10	LL.B.	Law
11	B.L.I.Sc.	Library and Information Science
12	B.C.J.	Communication and Journalism*
13	B.Ed.	Education

PG PROGRAMMES		
Sl. No.	**Degree**	**Programme**
1	L.L.M.	Law
2	M.A.	A I H C A
3	M.A.	Arabic
4	M.A.	Economics
5	M.A.	English
6	M.A.	French*
7	M.A.	Hindi
8	M.A.	History
9	M.A.	Islamic Studies
10	M.A.	Kannada
11	M.A.	Linguistics
12	M.A.	Marathi
13	M.A.	Persian
14	M.A.	Philosophy
15	M.A.	Political Science
16	M.A.	Psychology
17	M.A.	Public Administration
18	M.A.	Sanskrit
19	M.A.	Sociology
20	M.A.	Tamil*
21	M.A.	Telugu
22	M.A.	Urdu
23	M.B.A.	Business Administration
24	M.B.A.	Technology Management
25	M.C.A.	Computer Applications
26	M.Ed.	Education
27	M.P.Ed.	Physical Education

28	M.C.J.	Communication and Journalism
29	M.Com.	Commerce
30	M.Com. (I.S.)	Commerce in Information Systems
31	M.L.I.Sc.	Library and Information Science
32	M.Sc.	Applied Electronics
33	M.Sc.	Applied Geochemistry
34	M.Sc.	Applied Mathematics
35	M.Sc.	Applied Statistics
36	M.Sc.	Astronomy
37	M.Sc.	Astrophysics
38	M.Sc.	Biochemistry
39	M.Sc.	Biotechnology
40	M.Sc.	Botany
41	M.Sc.	Chemistry
42	M.Sc.	Computer Science
43	M.Sc.	Environmental Science
44	M.Sc.	Forensic Science
45	M.Sc.	Genetics
46	M.Sc.	Geography
47	M.Sc.	Geology
48	M.Sc.	Geoinformatics
49	M.Sc.	Geophysics
50	M.Sc.	Mathematics
51	M.Sc.	Mathematics with Computer Science
52	M.Sc.	Microbiology
53	M.Sc.	Nanoscience*
54	M.Sc.	Physics
55	M.Sc.	Statistics
56	M.Sc.	Zoology
57	M. Pharm.	Pharmaceutical Analysis & Quality Assurance
58	M. Pharm.	Pharmaceutical Chemistry
59	M.E.	Biomedical Electronics
60	M.E.	Water Resources Engineering
61	M.E.	Geotechnical Engineering
62	M.E.	Construction Engineering & Management
63	M.E.	Hydromech. & Water Management
64	M.E.	Infrastructural Engineering
65	M.E.	Transportation Engineering
66	M.E.	Structural Engineering
67	M.E.	Digital Systems Engineering
68	M.E.	Microwave & Radar Engineering
69	M.E.	Systems & Signal processing
70	M.E.	VLSI & Embedded Systems
71	M.E.	Turbo Machinery
72	M.E.	Production Engineering

73	M.E.	Automation & Robotics
74	M.E.	Industrial Drive & Control
75	M.E.	Power Systems Engineering
76	M.E.	Power Electronics
77	M. Tech.	Computer Science & Engineering
78	M. Tech.	Parallel and Distributed Systems
79	M. Tech.	Embedded Computing Systems
80	M. Tech.	Bio Technology & Bio Chemical Engg.
81	M. Tech.	Chemical Engineering (Process Dynamics & Control)
82	M. Tech.	Chemical Engineering (Chemical Reaction Engineering)
83	M. Tech.	Chemical Engineering (Plant Design)
84	M. Tech.	Chemical Technology(Technology of Pharmaceutical and Fine Chemicals)
85	M. Tech	Chemical Engineering(Environmental Engineering)
86	M. Tech.	Food Technology (Food Processing Technology)
87	M. Tech.	Textile Technology(Apparel Technology)
88	M. Tech.	Chemical Technology (Materials Science & Technology)
PG (PART TIME) PROGRAMMES		
1	M.E.	Automation & Robotics
2	M.E.	Digital Systems
3	M.E.	Industrial Drive & Control
4	M.E.	Power Systems
5	M.E.	Production Engineering
6	M.E.	Structural Engineering
7	M.E.	Systems & Signal processing
8	M.E.	Transportation Engineering
9	M.E.	Turbo Machinery
10	M.Tech	Computer Science & Engineering
11	M.Tech	Textile Technology
12	M.Tech	Food Technology
13	M.Tech	Chemical Engineering (Plant Design)
14	M.B.A.	Business Administration

INTEGRATED PROGRAMMES		
Sl. No.	**Degree**	**Programme**
1	L.L.B.	Law (5 Years)
2	M.Sc.	Chemistry (5 Years) (offered at Nizam College one of the Constituent Colleges)

M.PHIL. PROGRAMMES		
Sl. No.	**Degree**	**Programme**
1	M.Phil.	Defence & Strategic Studies

DOCTORAL PROGRAMMES		
Sl. No.	**Degree**	**Programme**
1	Ph.D.	A I H C A
2	Ph.D.	Applied Geochemistry
3	Ph.D.	Arabic
4	Ph.D.	Astronomy
5	Ph.D.	Astrophysics
6	Ph.D.	Biochemical Engg. and Biotechnology
7	Ph.D.	Biochemistry
8	Ph.D.	Biomedical Engineering
9	Ph.D.	Biotechnology
10	Ph.D.	Botany
11	Ph.D.	Chemical Engineering
12	Ph.D.	Chemical Technology
13	Ph.D.	Chemistry
14	Ph.D.	Civil Engineering
15	Ph.D.	Commerce
16	Ph.D.	Communication and Journalism
17	Ph.D.	Computer Science
18	Ph.D.	Computer Science and Engineering
19	Ph.D.	Economics
20	Ph.D.	Education
21	Ph.D.	Electrical & Electronics Engineering
22	Ph.D.	Electronics & Communication Engineering
23	Ph.D.	English
24	Ph.D.	Environmental Science
25	Ph.D.	Food & Nutrition
26	Ph.D.	Food Technology
27	Ph.D.	French*
28	Ph.D.	Genetics
29	Ph.D.	Geography
30	Ph.D.	Geology
31	Ph.D.	Geophysics
32	Ph.D.	Hindi
33	Ph.D.	History
34	Ph.D.	Informatics
35	Ph.D.	Islamic Studies
36	Ph.D.	Kannada
37	Ph.D.	Law
38	Ph.D.	Library and Information Science
39	Ph.D.	Linguistics
40	Ph.D.	Management

41	Ph.D.	Marathi
42	Ph.D.	Mathematics
43	Ph.D.	Mechanical Engineering
44	Ph.D.	Microbiology
45	Ph.D.	Persian
46	Ph.D.	Pharmaceutical Sciences
47	Ph.D.	Philosophy
48	Ph.D.	Physical Education
49	Ph.D.	Physics
50	Ph.D.	Political Science
51	Ph.D.	Psychology
52	Ph.D.	Public Administration
53	Ph.D.	Sanskrit
54	Ph.D.	Sociology
55	Ph.D.	Social Work
56	Ph.D.	Statistics
57	Ph.D.	Tamil
58	Ph.D.	Telugu
59	Ph.D.	Textile Technology
60	Ph.D.	Urdu
61	Ph.D.	Zoology
62	Ph.D.	Arabic (Oriental)
63	Ph.D.	Hindi (Oriental)
64	Ph.D.	Telugu (Oriental)
65	Ph.D.	Urdu (Oriental)

DIPLOMA PROGRAMMES		
Sl. No.	**Degree**	**Programme**
1	Diploma	French
2	Diploma	German

PG DIPLOMA PROGRAMMES		
Sl. No.	**Degree**	**Programme**
1	PG Diploma	Applied Linguistics
2	PG Diploma	Archival Science & Manuscriptology
3	PG Diploma	Digital Information Management
4	PG Diploma	Functional Hindi & Translation
5	PG Diploma	Geographical Cartography
6	PG Diploma	Groundwater Resource Evaluation
7	PG Diploma	Museology
8	PG Diploma	Radiological Physics
9	PG Diploma	Taxation
10	PG Diploma	Urdu Paleography
11	Advanced PG Diploma	Biostatistics

*discontinued programmes

18. Number of working days during the last academic year. 280

19. Number of teaching days during the past six academic years.

Yr I	Yr II	Yr III	Yr IV	Yr V	Yr VI
180	180	180	180	180	180

20. Does the university have a department of Teacher Education?

Yes ✓ No

If yes,

a. Year of establishment 1928

b. NCTE recognition details (if applicable) Applied

Notification No.: --

Date: --

c. Is the department opting for assessment and accreditation separately?

Yes No ✓

21. Does the university have a teaching department of Physical Education?

Yes ✓ No

If yes,

a. Year of establishment 1993

b. NCTE recognition details (if applicable) Applied

Notification No.: --

Date: --

c. Is the department opting for assessment and accreditation separately?

Yes No ✓

22. In the case of Private and Deemed Universities, please indicate whether professional programmes are being offered?

Not Applicable

Yes No

If yes, please enclose approval / recognition details issued by the statutory body governing the programme.

23. Has the university been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon.

24. Number of positions in the university *(as on 30-06-2016)*

Positions	Teaching faculty			Non-teaching staff	Technical staff
	Professor	*Associate Professor*	*Assistant Professor*		
Sanctioned by the UGC / University / State Government	152	514	601	2159	966
Recruited	205*	59*	315	1205	435
Yet to recruit		455	286	954	531
Number of persons working on contract basis			446	790	188

*Direct recruitment: 2 Professors, 6 Associate Professors; rest all under CAS promotion

25. Qualifications of the teaching staff (on campus colleges)

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.							
Ph.D.	136	32	10	4	49	42	273
M.Phil.	--	--	1	1	1	--	03
PG	--	--	18	2	42	39	101
Temporary teachers							
Ph.D.	--	--	--	--	22	6	28
M.Phil.	--	--	--	--	1	--	1
PG/UG	--	--	--	--	40	25	63
Part-time teachers							
Ph.D.	--	--	--	--	--	--	--
M.Phil.	--	--	--	--	--	--	--
PG	--	--	--	--	--	--	--

26. Emeritus, Adjunct and Visiting Professors.

	Emeritus	Adjunct	Visiting
Number	9	06	27

27. Chairs instituted by the university:

School / Department	Chairs
PG College of Law	Dr. B.R. Ambedkar

28. Students enrolled in the university departments during the current academic year, with the following details (2015-16):

Students	UG		PG		Integrated Masters		M.Phil.		Ph.D.*		Integrated Ph.D.		D.Litt./ D.Sc.		Certificate		Diploma		PG Diploma	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
From the state where the university is located	1707	1208	3720	2237					2070	1008							16	4	151	37
From other states of India			20	20																
NRI students	18																			
Foreign students	61	5	377	102					7	2										
Total	**1786**	**1213**	**4117**	**2359**					**2077**	**1010**							**16**	**4**	**151**	**37**

M – Male; F – Female (Grand Total: 12770 (Male: 8147, Female: 4623)) * For last five years

29. 'Unit cost' of education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

Total number of Students Enrolled during 2015-16 (including constituent colleges)	:	19055
Total annual expenditure	:	Rs. 42845 Lakhs
Total annual expenditure excluding the salary component	:	Rs. 2434 Lakhs

(a) including the salary component = Rs. 2,24,896

(b) excluding the salary component = Rs. 12,773

30. Academic Staff College

Year of establishment	1987
Number of programmes conducted	2011-12 to 2015-16
* UGC Orientation	- 21
* UGC Refresher	- 43
* UGC Workshops	- 5
* University's own programmes	- 6

31. Does the university offer Distance Education Programmes (DEP)?

Yes [✓] No [ ]

If yes, indicate the number of programmes offered. 26

Are they recognized by the Distance Education Council? Yes

32. Does the university have a provision for external registration of students?

Yes [ ] No [✓]

If yes, how many students avail of this provision annually?

33. Is the university applying for Accreditation or Re-Assessment? If Accreditation, name the cycle.

Accreditation: Cycle 1 [ ] Cycle 2 [ ] Cycle 3 [✓] Cycle 4 [ ]

Re-Assessment: [ ]

34. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

		Accreditation outcome/ Result
Cycle 1:	21/05/2001	'Five Star Level'
Cycle 2:	04/02/2008	'A' Grade (CGPA 3.31)

* Copies of accreditation certificate(s) and peer team report(s) are enclosed.

35. Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated/constituent/ autonomous colleges under the university.

Yes,

Details of accredited institutions (Constituent and Affiliated Colleges) under jurisdiction of Osmania University are given under:

Sl No.	Name of the College/Location	Accredited Status	EC Date	Cycles
1	**Nizam College (Autonomous)** Osmania University, Hyderabad – 500001	B++	20/05/2005	Cycle1
		A	10/03/2012	Cycle2

Sl No.	Name of the College/Location	Accredited Status	EC Date	Cycles
2	**University College for Women (Autonomous)** Koti, Hyderabad – 500095	5 Star	29/04/1999	Cycle1
		A	25/05/2005	Cycle2
		B	05/01/2013	Cycle3
		A	01/05/2015	Cycle3
3	**A.V College of Arts, Science and Commerce** Gaganmahal, Hyderabad – 500029	A	28/02/2005	Cycle1
		A	05/05/2014	Cycle2
4	**Andhra Mahila Sabha Arts & Science College for Women (Autonomous)** Osmania University Campus, Hyderabad – 500007	B+	28/02/2005	Cycle1
		B	23/03/2013	Cycle2
5	**Andhra Mahila Sabha College of Teacher Education(Autonomous)** Durgabai Deshmukh Vidyapeetham, Osmania University Campus, Hyderabad – 500007	B++	31/03/2007	Cycle1
6	**Anwarul Uloom College (Autonomous)** New Mallepally, Hyderabad – 500001	B	04/09/2010	Cycle1
7	**Babu Jagjivan Ram Government Degree College, Bazarghat, Nampally, Hyderabad- 500 001**	C	01/05/2015	Cycle1
8	**Badruka College of Commerce & Arts** Kachiguda Station Road, Hyderabad – 500027	4 Star	12/02/2002	Cycle1
		B	28/03/2008	Cycle2
9	**BharatiyaVidya Bhavan Bhavan's New Science College** Narayanguda, Hyderabad – 500029	B	08/03/2009	Cycle1
10	**Bhavan's Vivekananda College of Science, Humanities & Commerce** Sainikpuri, Secunderabad – 500094	A	15/09/2012	Cycle1
11	**Chaitanya Bharathi Institute of Technology** Chaitanya Bharathi P.O., Gandipet, Hyderabad – 500075	B	04/09/2010	Cycle1

Sl No.	Name of the College/Location	Accredited Status	EC Date	Cycles
12	**Church of South India Diocese of Medak Wesley Degree College** No. 145, McIntyre Road, Opp. Anand Theatre, Secunderabad – 500003	B	31/03/2007	Cycle1
		B	24/09/2014	Cycle2
13	**College of Defence Management** Sainikpuri Post, Dist. Rangareddy, Secunderabad – 500094	A	04/09/2010	Cycle1
		A+	05/11/2016	Cycle2
14	**Dr. B. R. far College (Arts, Science and Commerce)** Baghlingampally, Hyderabad – 500044	A	31/03/2007	Cycle1
15	**Ghulam Ahmed College of Education** Road No. 3, Banjara Hills, Hyderabad – 500034	B	15/06/2009	Cycle1
16	**Government City College (Autonomous)** High Court Road, Hyderabad – 500001	A	16/02/2004	Cycle1
		A	15/09/2012	Cycle2
17	**Government Degree College** Khairatabad, Hyderabad – 500004	B+	31/03/2007	Cycle1
		B	01/05/2015	Cycle2
18	**Government Degree College** Medak Road, Prashanthnagar, Siddipet – 502103	B+	28/02/2005	Cycle1
		A	30/11/2011	Cycle2
19	**Government Degree College** Dist. Medak, Gajwel – 502278	B	21/05/2006	Cycle1
		B	25/10/2013	Cycle2
20	**Government Degree College** Medak – 502110	B+	21/05/2006	Cycle1
		B	25/10/2013	Cycle2
21	**Government Degree College** Sadasivpet, Medak Dist. – 502 291	C	24/09/2014	Cycle1
22	**Government Degree College** Zaheerabad, Medak Dist. – 502 220	B	03/03/2015	Cycle1

Sl No.	Name of the College/Location	Accredited Status	EC Date	Cycles
23	**Government Degree College for Women** HussainiAlam, Hyderabad – 500002	B+	20/05/2005	Cycle1
		B	15/09/2012	Cycle2
24	**Government Degree College for Women** Dist. Medak, Sangareddy – 502001	B	28/03/2008	Cycle1
		B	17/03/2016	Cycle1
25	**Government Degree & PG College for Women(Autonomous)** Begumpet, Hyderabad – 500016	B++	16/02/2004	Cycle1
		B	04/09/2010	Cycle2
		B+	16/09/2016	Cycle3
26	**Hindi Mahavidyalaya(Autonomous)** No. 2-1-569, Osmania University Road, Nallakunta, Hyderabad – 00044	B	21/05/2006	Cycle1
		B	15/09/2012	Cycle2
27	**Holy Trinity Educational Society, Holy Mary Institute of Technology and Science (College of Education)** Yenkapalli, Pudur (Mandal), Dist. Ranga Reddy, Vikarabad – 501109	B	31/03/2007	Cycle1
28	**Indian Institute of Management and Commerce (Degree and PG College)** Khairatabad, Hyderabad – 500004	B	04/09/2010	Cycle1
29	**Indira Priyadarshini Government Degree College for Women** Nampally, Hyderabad – 500009	B++	31/03/2007	Cycle1
		B	25/10/2013	Cycle2
30	**Kasturba Gandhi Degree and P. G. College for Women** Marredpally, Secunderabad– 500026	A	21/09/2005	Cycle1
		A	21/04/2012	Cycle2
31	**Loyola Academy Degree and P G College (Autonomous)** Old Alwal, Secunderabad – 500010	A	21/09/2005	Cycle1
		A	16/09/2011	Cycle2
32	**MallaRedy College of Education** Suraam Colony Road, Suraram'X' Road, Quthbullapur(M), Ranga Reddy, Hyderabad – 500055	B	05/01/2013	Cycle1

Sl No.	Name of the College/Location	Accredited Status	EC Date	Cycles
33	**Marwadi Siksha Samithi Ramnath Guljarilal Kedia College of Commerce** Esamia Bazar, Hyderabad – 500027	B+	31/03/2007	Cycle1
		B	03/03/2015	Cycle2
34	**MESCO Institute of Management and Computer Sciences** Mustaidpura, Karwan Road, Hyderabad – 500006	C	31/03/2007	Cycle1
35	**Moghal College of Education** Bandlaguda, Near Chandrayangutta, Hyderabad – 500005	B+	02/02/2006	Cycle1
		B	10/03/2012	Cycle2
36	**Mumtaz College** Malakpet, Hyderabad – 500036	B	31/03/2007	Cycle1
37	**Nanakram Bhagwandas Science College and Post Graduate Centre** Charkaman, RikabGunj, Hyderabad – 500002	B+	31/03/2007	Cycle1
38	**Nehru Memorial Government Degree College** Dist. Medak, Jogipet – 502270	B	31/03/2007	Cycle1
		A	05/05/2014	Cycle2
39	**Pragati Mahavidyalaya Degree and PG College** Hanuman Tekdi, Kandaswamy Lane, Hyderabad – 500095	A	31/03/2007	Cycle1
40	**Raja BahadurVenkata Rama Reddy (R.B.V.R.R) Women's College (Autonomous)** Narayanguda, Hyderabad – 500027	2 Star	09/10/1999	Cycle1
		A	02/02/2006	Cycle2
		A	05/01/2013	Cycle3
41	**Roda Mistry College of Social Work and Research Centre (ICSW-AP)** GachiBowli Road, Golkonda (PO), Hyderabad – 500008	B	16/02/2004	Cycle1
42	**Sardar Patel College** No. 14, Padmarao Nagar, Secunderabad – 500025	B	08/01/2011	Cycle1
		B	25/05/2016	Cycle2

Sl No.	Name of the College/Location	Accredited Status	EC Date	Cycles
43	**Sarojini Naidu Vanita Maha Vidaylaya** Exhibition Grounds, M.J.RoadNampally, Hyderabad – 500001	B++	21/09/2005	Cycle1
		A	15/09/2012	Cycle2
44	**Shadan College of Education** Khairatabad, Hyderabad – 500004	B	15/06/2009	Cycle1
45	**Shadan Degree College for Women** Khairtabad, Hyderabad – 500004	B	30/11/2011	Cycle1
46	**Shankerlal Dhanraj Signodia College of Arts and Commerce and PG Centre** Charkaman, Hyderabad – 500002	B++	31/03/2007	Cycle1
47	**Sree Anantha Padmanabha Arts, Science and Commerce College** Dist. Ranga Reddy, Vikarabad – 501101	B++	31/03/2007	Cycle1
		B	25/10/2013	Cycle2
48	**St. Ann' s College for Women** Santhoshnagar Colony, Mehdipatnam, Hyderabad – 500028	A	17/10/2006	Cycle1
		A	05/01/2013	Cycle2
49	**St. Ann's College of Education(Autonomous)** Sarojini Devi Road, Secunderabad – 500003	A	01/10/2002	Cycle1
		A	30/09/2009	Cycle2
		A	01/05/2015	Cycle3
50	**St. Francis College for Women (Autonomous)** Street No.6, Uma Nagar, Begumpet, Hyderabad – 500016	5 Star	09/10/1999	Cycle1
		A	02/02/2006	Cycle2
		A	15/09/2012	Cycle3
		A	15/09/2012	Cycle3
51	**St. Joseph's Degree and PG College(Autonomous)** King Koti Road, Hyderabad – 500029	A	16/09/2008	Cycle1
		A	24/09/2014	Cycle2

Sl No.	Name of the College/Location	Accredited Status	EC Date	Cycles
52	**St. Mary's College** Yousufguda, Hyderabad – 500045	B	16/09/2008	Cycle1
		B	21/02/2014	Cycle2
53	**St. Pious X Degree & PG College for Women** Snehapuri Colony, Nacharam, Ranga Reddy, Hyderabad – 500076	A	05/01/2013	Cycle1
54	**Sujatha Degree & PG College for Women** Chappal Road, Hyderabad – 500 001	C	25/06/2015	Cycle1
55	**Tara Government College** Prasanthi Nagar, Medak District, Sangareddy – 502001	B+	21/05/2006	Cycle1
		B	23/03/2013	Cycle2
56	**Vivek Vardhini College of Arts, Commerce, Science and Post Graduate Studies** Jambagh, Hyderabad – 500095	B	16/09/2008	Cycle1
57	**Vivekananda Government College** Vidyanagar, Hyderabad – 500044	B	01/05/2015	Cycle1

List of Affiliated Autonomous Colleges under the University

S. No.	Name of the College
1	Loyala Academy, Alwal, Secunderabad
2	R.B.V.R.R. Women's College, Hyderabad
3	St. Francis College for Women, Secunderabad
4	Anwar-Ul-Uloom College, Mallepalli, Hyderabad
5	Govt. City College, Hyderabad
6	Andhra Mahila Sabha Arts & Science College, O.U Campus, Hyderabad
7	Andhra Mahila Sabha Teacher Education, O.U Campus, Hyderabad
8	St. Ann's College of Education, S.D Road, Secunderabad
9	St. Joseph's P.G College, King Koti, Hyderabad
10	Govt. Degree & P.G. College for Women, Begumpet, Hyderabad
11	Hindi Mahavidyalaya, Nalakunta, Hyderabad
12	St. Ann's College for Women, Mehdipatnam, Hyderabad
13	Bhavan's Vivekananda College of Science, Humanities and Commerce, Sainikpuri, Secunderabad
14	Government Degree College, Siddipet, Medak
15	Tara Government College, Sangareddy, Medak
16	Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad
17	Vasavi College of Engineering, Hyderabad

36. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).

Date of establishment of IQAC	05/03/2005

Dates of submission of AQARs

AQAR 2009-10	16/12/2009
AQAR 2010-11	24/11/2010
AQAR 2011-12	29/01/2012
AQAR 2012-13	26/02/2013
AQAR 2013-14	11/05/2015
AQAR 2014-15	26/10/2016
AQAR 2015-16	17/01/2017

37. Any other relevant data, the university would like to include (not exceeding one page).

Osmania University, during its century long journey, has been striving to provide the best of the higher education to its stakeholders. Since its inception in 1917, the university has witnessed many phases, namely, a) **Formative Phase** (1917 – 1947), b) **Consolidation Phase** (1948 – 1968), c) **Advancement Phase** (1969 – 1993) and d) **Excellence Phase** (1994 – present).

As one of the largest affiliating universities in India, Osmania University has 721 affiliated colleges. It also gave rise to three new universities, namely - Telangana, Palamuru and Mahatma Gandhi.

- Recognizing the contribution in the realms of teaching, research and outreach, the university has been recognized by the UGC as '**University with Potential for Excellence**' in 2012 under XI Plan.
- Ranked **23rd** among Universities in the **National Institutional Ranking Framework** for 2017.
- The university has been ranked among **the best** 10 universities in the country for the last **six consecutive years** as per the survey conducted by the *India Today - Nielson* and the *Week-Hansa Research Survey*.
- Osmania University has secured ranking among the '**Top 300 BRICS and Emerging Economies 2017**' rankings released by the Times Higher Education World Universities Ranking.
- Osmania University has secured ranking among the '**Top 250 Asian Universities**' rankings released by the Times Higher Education World Universities Ranking.
- The University College of Engineering (Autonomous) was awarded "**Outstanding Engineering Institute (South)**" by LOKMAT in 2014 and 2015.
- The University College of Engineering (Autonomous) has the distinction of being recognized as the Quality Improvement Programme (QIP) Center by AICTE, New Delhi for carrying out full-time doctoral programmes.

- Accorded **DST-PURSE** status based on Scopus Database listing
- Awarded **DBT-ISLARE** (only State University)
- **CAS** status for **Five** departments
- UGC-SAP status (DRS / COSIST / ASIST / ASIHSS) for **20** departments
- DST-FIST programme for **14** departments
- UGC-BSR support to **17** departments
- **DST – National Nano-science Initiative's** support to PG programme (2008)
- **Two** Campus Colleges were selected for **TEQIP-II Programme** (MHRD)
- **Two** Constituent Colleges conferred with **CPE status** by the UGC

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2. CRITERIA-WISE INPUTS

CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Design and Development

1.1.1 How is the institutional vision and mission reflected in the academic programmes of the university?

In the last 100 years, Osmania University has been reaching out to millions of aspirants in pursuit of their academic excellence. In tune with its vision and mission, the University has emerged as a frontrunner in the field of higher learning in the country. It is a multi-campus, multi-faculty and is one of the largest affiliating Universities.

- *To excel in teaching programmes*, the university periodically updates the syllabi/curricula to match to the global standards and industry needs. Facilities such as digitalized library, latest IT infrastructure, state-of-the-art laboratories are open to the student community.
- *To promote research*, the university encourages collaborative research projects with industry, national and international institutions, and foreign universities.
- *Access and inclusivity to higher education* is provided by strictly adhering to the reservation policy of the governments (both State and Central) for promotion of social and economic development.
- *To augment the employment potential and skills*, the curricula are well-designed to develop, enhance and improve the quality of human resources.
- *To meet the contemporary regional needs*, Post-Graduate Centres are started at various rural areas under the jurisdiction of the University.
- *To preserve and promote cultural heritage, humanistic and spiritual values*, the university has introduced courses on Culture, Heritage, Ethics, and Environment at various levels.
- *To empower through knowledge and information*, the university instituted many endowment and memorial lectures.
- *To develop a responsible and productive citizenry*, the university involves students in NSS, NCC and other outreach programmes through its curricula.

1.1.2 Does the university follow a systematic process in the design and development of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).

Yes.

- A Board of Studies (BoS) is in place in each department for developing the curriculum and course content for all the programmes.

- The Board is headed by Chairperson and comprises senior faculty members from constituent and affiliated colleges, experts from research and teaching institutions, and industry.
- Based on the feedback and need assessment from its members and other stakeholders, the BoS designs and develops the curriculum as per the guidelines of regulatory bodies (UGC, AICTE, NCTE, BCI, TSCHE, etc.).
- The recommendations are discussed at the faculty meeting, and sent to the Standing Committee of Academic Senate for approval.

1.1.3 How are the following aspects ensured through curriculum design and development?

The needs of the society, industry and R&D institutions are major considerations that go into the design, development, and structuring of the courses.

* Employability

  - Need-based courses, project works, industrial training, internships, practical training, interdisciplinary and skill-based courses are part of the curriculum to enhance the employability potential.

* Innovation

  - Implementation of the choice-based credit system with provision for interdisciplinary content and numerous elective subjects.
  - Introduction of integrated programmes.
  - Implementation of free and open source software online certification courses (Spoken Tutorials, offered by IIT-Mumbai/MHRD)

* Research

  - Industrial projects and visits, internships, field trips, surveys, outreach activities ensures research component in curriculum.
  - Laboratory work, student seminars, workshops, presentations, group discussions, technical symposia, etc. facilitates and motivates the students towards research.

1.1.4 To what extent does the university use the guidelines of the regulatory bodies for developing and/or restructuring the curricula? Has the university been instrumental in leading any curricular reform which has created a national impact?

- The University considers the model curriculum developed by the regulatory bodies, like – UGC, AICTE, NCTE, BCI, PCI, TSCHE, etc. while framing the curricula. In addition, the regional needs are taken care by the respective Board of Studies while finalizing the

curricula for various courses.

- In order to reach out and provide higher education, the university has pioneered the concept of distance mode of learning in higher education which became a role model for many other institutions in India leading to the establishment of the first Open University in the country.

1.1.5 Does the university interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the university benefitted through interactions with the stakeholders?

Yes.

As per the statutory provisions, the composition of BoS, faculty and Academic Senate ensures adequate representation from industry, research institutions, alumni and other stakeholders in the curriculum revision process.

This has led to the introduction of new courses/programmes at various levels.

1.1.6 Give details of how the university facilitates the introduction of new programmes of studies in its affiliated colleges.

- The University identifies courses relevant to the societal needs and develops programmes in consultation with the academic bodies.
- The Dean, College Development Council of the University prepares a list of new programmes that befits the requirements of the society and industry.
- Autonomous Colleges are guided by the Chairperson, BoS of the department concerned who is an ex-officio member of the academic bodies of the autonomous colleges.
- Affiliated Colleges are encouraged to introduce new, need-based and UGC approved vocational courses with the approval of the University.

1.1.7 Does the university encourage its colleges to provide additional skill-oriented programmes relevant to regional needs? Cite instances (not applicable for unitary universities).

Yes.

The University has identified the need of skilled technical persons in the field of Health Care, Hotel Management, etc. and encourages the colleges under its jurisdiction to offer relevant courses in these fields. Some of the programmes are listed below:

- M.Sc. Nutrition & Dietetics, graduate programmes in Culinary Arts, Hotel Management and Catering Technology, Tourism, Audio Speech Language Pathology, Special Education Courses, etc.
- Diploma programmes in Operation Theatre Technology, Cardiac

Anesthesia Technology, Medical Research Assistant, Cardiac Care, Perfusion Technology, Cath Lab Technology, Cardiac Medical Lab Technology, Cardiac Pulmonary Physiotherapy, Eco Cardiagraph & Sonography, Medical Transcription, Telecom Software, Cardiac Technology, etc.

- Advanced PG Diploma in Medical Informatics, Dialysis Technology, Anaesthesia Technology, Medical Imaging Technology, Emergency Medical Care, and Physician Assistant.

1.2 Academic Flexibility

1.2.1 Furnish the inventory for the following:*

* Programmes taught on campus

Degree, PG, Ph.D. and Diploma Programs offered on Campus:

UG (Professional)	13
PG	88
Ph D	65
PG Diploma	11
Diploma	2

Note: The details of Programmes offered are provided in the Profile of the University (S.No. 17).

* Overseas programmes offered on campus

Nil

* Programmes available for colleges to choose from

The following programmes are offered to the colleges to choose from, subject to the availability of academic and infrastructure facilities needed for running the selected programme.

B.A. - Regular with 64 combinations, Vocational, Languages, Communications, Media Studies, Fine Arts, Applied Arts, Photography, Business Economics, Development Studies, International Studies

B.Com. - Regular, Honors, Vocational, Special, Professional, Computer Science, e-Commerce, Foreign Trade, Taxation, Insurance, Office Management.& Secretarial Practice, Advertisement & Sale Management, Tourism and Travel Management

B.Sc. - Regular with 55 combinations, Honors, Exploration & Drilling Technology, Electronic Technology & Computers, Computer Maintenance & Engineering,

Computer Science & Engineering, ASLP, Farm Science & Rural Development, Chemical Technology, Food Technology Management

B.E. - Biomedical Engineering, Civil Engineering, Computer Science & Engineering, Electrical and Electronics Engineering, Electronics and Communications Engineering, Mechanical Engineering, Production Engineering, Information Technology

B.Tech. - Chemical Engineering, Food Technology, Textile Technology, Dairy Technology, Biotechnology

B.Pharm.

LL.B. - Regular, Integrated

B.B.M. & T., B.C.T & C.A., B.H.M & C.T., B.H.A.T.M., B.S.W., B.B.M., B.B.A., B.C.A., B.F.A., B.P.Ed., B.Ed., B.Sp.Ed., B.C.J., B. Lib. Sc., Pharm D.

1.2.2 Give details on the following provisions with reference to academic flexibility

a. Core / Elective options

- At UG level, core and elective subjects are offered.
- At PG level, specializations, electives and interdisciplinary courses are offered.

b. Enrichment courses

Add-on courses (soft skills, communication skills, IPR, gender sensitization, ethics, etc.) as part of personal enrichment of students.

c. Courses offered in modular form

5 year integrated modular programmes (M.Sc. Chemistry, MS-Ph.D.).

d. Credit accumulation and transfer facility

Credit equivalence and transfer facility exists.

e. Lateral and vertical mobility within and across programmes, courses and disciplines

- In case of UG courses (Non-Professional), change of course or group is permitted within eight weeks after the date of admission.
- In case of UG courses (BE and BTech), change of branch is permitted before the admission into second year.
- Candidates who have joined UG programmes in one course as

regular students can slide to a different course under distance education mode at a later date.

1.2.3 Does the university have an explicit policy and strategy for attracting international students?

Yes.

- The University has established the "University Foreign Relations Office" (UFRO) as a 'single window facility' for foreign students to coordinate and organize the admissions of overseas students.
- It coordinates with Indian Council for Cultural Relations (ICCR), Government of India, from time to time relating to admissions and other matters pertaining to overseas students.
- All the eligible overseas students are admitted directly into various courses offered in campus, constituent and affiliated colleges of Osmania University.

The following strategies have been adopted to attract overseas students:

- The UFRO website gives all the necessary information with regard to courses offered, eligibility and fee structure for pursuing the course.
- It offers guidance to the students desirous of taking admission in choosing the course of study and college.
- The University facilitates health security for all the foreign students to cover hospitalization due to sickness and also accidental claims.
- The University has specially designed courses in English for foreign students to build their capacity in understanding the course content.
- The University conducts every year cultural programmes for foreign students to create an awareness of Indian Culture and Heritage and organizes International Youth Festival in co-ordination with the office of Students Welfare, Osmania University.
- The University provides residential accommodation for international male students.
- Initiated the process of creating a database under Foreign Students Information System (FSIS) maintained by the office of FRRO, Government of India.
- The University is conducting regular Degree Award Ceremonies (Convocations) exclusively for foreign students shortly after the results are announced every year, to enable them to take admission in other foreign countries.
- An initiative has been taken by the university to allow the foreign students to pursue add-on courses such as certificate and diploma courses in soft skills and computer related courses without

affecting their regular course of study.

In addition to the above, the UFRO brings out information brochure about the University, which contains information about the Departments, programs offered, almanac, infrastructure and laboratory facilities, and teachers' profiles.

1.2.4 Have any courses been developed targeting international students? If so, how successful have they been? If 'no', explain the impediments.

- BCA course has been started exclusively for foreign students.
- All UG, PG and research programmes offered by the University are available for international students, subject to fulfillment of the eligibility criteria for admission.
- A Certificate course on Communication Skills to Foreign Students (CSFS) is designed exclusively for international students.

1.2.5 Does the university facilitate dual degree and twinning programmes? If yes, give details.

Yes.

The University offers MS-PhD dual degree programme in Chemical Engineering at the College of Technology in collaboration with Indian Institute of Chemical Technology.

1.2.6 Does the university offer self-financing programmes? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?

Yes.

The University offers a number of self-financing programs

B. A. Psychology, Mass Communication, Business Economics, Development Studies, International Studies & Foreign Languages, Functional Hindi, Vocational Course—Marketing Communications & Media Studies

B. Sc. Biotechnology, Electronics, Computer Science, Information Technology, Electronic Equipment, ASLP, Forestry

B. Com. Computers, Taxation, Advertisement & Sales Promotion, Foreign Trade, e-Commerce

BCA Computer Application

M. Sc. Computer Science, Analytical Chemistry, Pharmaceutical Chemistry, Biotechnology, Environmental Science, Forensic Science, Nutrition & Dietetics, Applied Mathematics, Information Science, ASLP

MCA, MBA, MBA (TM), M.Com, M.Com (IS), M.P.Ed.

M.E, M.Tech

P G Diplomas in Chemical Analysis & Quality Control, Family and

Marriage Counseling

In addition to these self-finance courses, there is a provision for self-finance seats in all the PG programmes offered by the University.

Admission: For all such courses, the admissions are based on the merit at qualifying examinations in UG and entrance test in PG and Diploma.

Fee Structure:

Type	Amount in Rs. (P.A.)
UG	5500 – 12000
B.Sc. (ASLP)	32000
M.A. (Arts)	5170
M.A. (Social Sciences)	7340
M.Sc.	19220 – 35560
M.Sc. (ASLP)	122000
M.Com.	12060 – 23060

Teaching arrangements: All self-finance courses are attached to regular teaching departments.

1.2.7 Does the university provide the flexibility of bringing together the conventional face-to-face mode and the distance mode of education and allow students to choose and combine the courses they are interested in? If 'yes,' give operational details.

Yes. The students from the face-to-face mode are allowed to move to distance mode. The students have flexibility to combine a regular course with certificate courses offered through distance mode.

1.2.8 Has the university adopted the Choice Based Credit System (CBCS)? If yes, for how many programmes? What efforts have been made by the university to encourage the introduction of CBCS in its affiliated colleges?

Yes.

In consonance with the NAAC Peer Committee's recommendations, the University has introduced Choice Based Credit System (CBCS) in all the PG and UG programmes which are offered at campus, constituent and affiliated colleges.

1.2.9 What percentage of programmes offered by the university follow:

* Annual system

  Nil.

* Semester system

  100%.

* Trimester system

Nil.

1.2.10 How does the university promote inter-disciplinary programmes? Name a few programmes and comment on their outcome.

Under the CBCS there is provision for inter-disciplinary courses. Following inter-disciplinary programmes are being offered:

B.Tech.	-	Biotechnology
B.Sc.	-	Biotechnology
M.Sc.	-	Biotechnology, Environmental Science, Forensic Science
M.E.	-	Automation and Robotics
M.Tech.	-	Biotechnology
MBA	-	Technology Management
M.Com.	-	Information Systems

These are high demand courses and have great employment potential. Some of these are specially designed and oriented for career advancement.

1.3 Curriculum Enrichment

1.3.1 How often is the curriculum of the university reviewed and upgraded for making it socially relevant and/or job oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

The curricula of UG and PG programmes are revised once in three to five years as per the guidelines of the regulatory bodies.

1.3.2 During the last six years, how many new programmes at UG and PG levels were introduced? Give details.

* Inter-disciplinary

M.Sc. – Geoinformatics, Environmental Science, Forensic Science, Pharmacoinformatics, Biotechnology, Mathematics with Computer Science (Self-Finance)

* Programmes in emerging areas

Ph.D. – Defence and Strategic Studies

M.Tech. – Parallel and Distributed Systems

M.Tech. – Embedded System and Computing

M.E. – VLSI & Embedded Systems, Design for Manufacture

M. Pharmacy

M.C.J. (Two Year Course)

M.Sc. – Chemistry (5 Y Integrated), Nanoscience

PG Diploma – Nutrition and Dietetics, Radiological Physics, Digital Information and Management, Culinary Arts, Geoinformatics in Earth Science, Operation Theatre Technology, Cardiac Anesthesia Technology, Medical Research Assistant, Cardiac Care, Perfusion Technology, Cath Lab Technology, Cardiac Medical Lab Technology, Cardiac Pulmonary, Physiotherapy, Eco Cardiagraph & Sonography, Medical Transcription, Cardiac Technology, Medical Informatics, Dialysis Technology, Anaesthesia Technology, Medical Imaging Technology, Emergency Medical Care, Physician Assistant

B.B.M. & T. (Bachelor of Business Management & Technology)

PG Diploma in Ground Water Resource Evaluation with two semesters by the Department of Geology

1.3.3 What are the strategies adopted for the revision of the existing programmes? What percentage of courses underwent a syllabus revision?

The University conducts frequent interactive meetings with Deans, Principals, Chairpersons and Heads and assesses the need for revision of existing programmes. While restructuring the courses, the University gives utmost importance to make them socially relevant and industry related based on the feedback from the stakeholders.

Cent percent courses across all the faculties are with revised syllabi.

1.3.4 What are the value-added courses offered by the university and how does the university ensure that all students have access to them?

- Programmes on Child Psychology and Family Relations, Family and Marriage Counseling, Psychology, Sociology, Intellectual Property Rights, etc. are introduced to promote value education and social roles.
- University introduced courses on soft-skills, Spoken English and communication skills, computer skills and Entrepreneur development with a view to developing skills and offer career training.
- Courses offered on Indian Heritage and Culture, Science & Civilization, Gender Sensitization, and Environmental Science help to promote social responsibility.

1.3.5 Has the university introduced any higher order skill development programmes in consonance with the national requirements as outlined by the National Skills Development Corporation and other agencies?

- The university offers add-on courses to enhance the skills of the students.
- The university has networked with several agencies like hospitals and diagnostic laboratories, MHRD/IIT-Mumbai to introduce programmes

to enhance skills.

1.4 Feedback System

1.4.1 Does the university have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

Yes.

- The university reaches all the stakeholders through its web-site wherein the details of all its academic programmes are displayed.
- University encourages the participation of all the stakeholders in planning, implementation and evaluating the academic programmes by collecting the feedback from them.
- Feedback from students on the ongoing academic activities is collected through the feedback forms.
- On-line feedback system is introduced with effect from Academic Year 2016-17.
- Feedback is also obtained through personal interaction with students during the meetings with Student Counselors and Mentors.

1.4.2 Does the university elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods such as conducting webinars, workshops, online discussions, etc. and its impact.

Yes.

Feedback on curriculum is collected from the external peers visiting the university for examination, evaluation and during conferences, workshops and seminars.

1.4.3 Specify the mechanism through which affiliated institutions give feedback on curriculum enrichment and the extent to which it is made use of.

- Feedback from affiliated institutions is obtained by associating senior faculty and some Principals of affiliated colleges with the academic bodies of the University (Board of Studies, Faculty, Standing Committee, Academic Senate, etc.)
- Affiliated institutions also give their feedback on the curriculum during the departmental conferences organized by all the University departments every year.
- University constituted a “Council for Affiliated Colleges” involving Deans of the faculties and senior Principals of affiliated colleges. This council provides a platform for the affiliated institutions to give their feedback.

1.4.4 What are the quality sustenance and quality enhancement measures undertaken by the university in ensuring the effective development of the curricula?

- Adoption of model curriculum developed by UGC, AICTE, NCTE, BCI, PCI, etc.
- Revision of contents of each PG programme on regular basis to meet the ever changing requirements of the industry/job market/needs of society.
- Option for Project Work in the final semester for all PG programmes to strengthen research.
- Introduction of CBCS and Semester System to all UG and PG programmes.
- Adoption of Grade Point Average (GPA) and Cumulative Grade Point Average (CGPA) on the performance of a student.
- Seminars/tutorials/field work in the curriculum to focus on multi skill development.
- Usage of ICT in teaching-learning process by making it a part of the curriculum.
- Restructuring the UG courses to make them socially relevant and job oriented.
- Offering value addition courses.
- Provision of e-class rooms.
- Introduction of new UG and PG programmes and novel/job oriented programmes.

Any other information regarding Curricular Aspects which the university would like to include.

CRITERION II: TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 How does the university ensure publicity and transparency in the admission process?

- Admission schedules for all the courses are notified in leading newspapers well in advance.
- The schedules are also displayed on the notice boards of the Colleges, and on the University Website.
- Wherever the admissions are centralized, the progression and the vacancy position are displayed on electronic boards in real time.
- The lists of selected candidates are displayed on the notice boards for UG, and on notice boards / website for PG courses.

2.1.2 Explain in detail the process of admission put in place by the university. List the criteria for admission: (e.g.: (i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common entrance test conducted by state agencies and national agencies (v) other criteria followed by the university (please specify).

- The Directorate of Admissions makes centralized admissions into various UG and PG courses offered by the University and its affiliated colleges in a systematic and transparent manner.
- University as a member of consortia, admits the candidates selected by the State agencies into various professional courses – Engingeering, Technology, Law, Management, Education, etc.

The details of admissions process are given below:

- **Merit:** The admission into regular UG programmes is based on merit at the qualifying examinations in the Faculties of Arts, Social Sciences, Commerce and Science.
- **Entrance Test**: The merit at the Entrance Test conducted by the Directorate of Admissions of the university is considered for admission into various PG programmes in the Faculties of Arts, Social Sciences, Commerce and Science.
- **Merit, Entrance Test and Interview:** For admissions in to Ph.D. programmes, adhering to the National Policy, the admissions are through Eligibility Test and interview performance.
- **Common Entrance Tests**: For Engineering & Technology, Law, Education, Management (professional PG programmes), the admissions are based on the State Level Entrance Test conducted by the Telangana State Council for Higher Education (TSCHE).
- **Other Criteria**:
  - For vocational courses based on the merit at the qualifying examination.
  - The university scrupulously follows the statutory reservations mandated by the Government for admissions to all the courses.
  - One seat for every block of 30 seats taking the subject/course as one unit is reserved for Sports/NCC/NSS categories.
  - One seat for every block of 30 seats taking the subject/course as one unit is reserved for the children of Ex-Servicemen/Servicemen.
  - One seat for every block of 30 seats taking the subject/course as one unit is reserved for differently abled persons.
  - Five percent supernumerary seats in each course in campus and constituent colleges of the University are available for the

candidates belonging to outside Telangana under National Integration Quota (NIQ).

2.1.3 Provide details of admission process in the affiliated colleges and the university's role in monitoring the same.

Until the academic year 2015-16, the admissions for all the UG courses was made by respective colleges as per the schedules of admissions prescribed by the university strictly adhering to the merit at the qualifying examination, policy of reservation of seats, and other rules and regulations.

Since academic year 2016-17, the admissions to the UG courses for all the colleges in Telangana State are conducted by the TSCHE through centralised web-counselling based on the merit at the qualifying examination and option exercised by the students.

For all regular PG programmes in the faculties of Arts, Social Sciences, Science and Commerce, the admission is through a common entrance test conducted by the university.

For all the UG and PG programmes in the faculties of Engineering, Technology, Law, Management, Education, etc., the admissions are through state level entrance tests conducted by TSCHE.

The university monitors the entire admission process through the Directorate of Admissions and Directorate of Academic Audit. The list of the admitted

2.1.4 Does the university have a mechanism to review its admission process and student profile annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

Yes.

The University maintains the database of the admitted student profiles through the inputs from the Directorate of Admissions. These are shared with the Equal Opportunity Cell, SC/ST Cell, Women's Cell, BC Cell and Minority Cell for progressive inputs to maintain the statutory requirements of gender and social equality. This exercise had a greater impact on further expansion and providing inclusive education.

2.1.5 What are the strategies adopted to increase / improve access for students belonging to the following categories:

The University strictly adheres to the statutory reservations of the Government for admissions to all the courses that allow easy access to the students belonging to SC/ST, OBC, and Women, etc. Following are the provisions under various categories.

* SC/ST

  21 percent (15+6) of seats are reserved for this category. Further, the University provides hostel accommodation for all the students under

this category on priority basis. A separate cell meant for SC/ST students looks after the welfare of this community and further sensitize the opportunities for building their better careers.

* OBC

To the extent of 29 percent seats are being reserved for this category. The BC Cell looks after the welfare of the students belonging to these communities.

* Women

In each category, one-third of the women component is ensured. The women students are provided secure accommodation in exclusive ladies hostels. A 24x7 medical care and emergency facility, lady counselors, and mentors are in place.

* Persons with varied disabilities

One seat for every block of 30 seats taking subject/course of study as one unit for this category has been created under special category. The admitted candidates are provided with barrier-free environment on the campus and also supplemented with mobility and study devises. Further, they are entitled for total free education including campus accommodation.

* Economically weaker sections

The hostel accommodation is provided on priority basis and the State Government provides the financial assistance.

* Outstanding achievers in sports and other extracurricular activities

In a block of 30 seats, one is earmarked for sports/ NCC/ NSS categories. These students are eligible for condonation of attendance for a period of two weeks in a semester to facilitate them to participate in the events.

2.1.6 Number of students admitted in university departments in the last six academic years:

Catego-ries	Year 1 (2010-11)		Year 2 (2011-12)		Year 3 (2012-13)		Year 4 (2013-14)		Year 5 (2014-15)		Year 6 (2015-16)	
	M	F	M	M	F	M	F	F	M	F	M	F
SC	407	295	371	222	254	222	254	280	374	273	369	247
ST	195	112	179	171	94	171	94	101	184	95	178	79
OBC	1140	848	1118	1087	785	1087	785	835	1072	821	999	583
General	170	251	138	255	343	255	343	231	291	245	300	234
Others	143	66	134	59	17	59	17	74	150	87	151	96

2.1.7 Has the university conducted any analysis of demand ratio for the various programmes of the university departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease.

Programmes	Number of applications	Number of students admitted	Demand Ratio
UG		2915	
PG	104177	3612	1:29
Integrated Masters	91243	340	1:4
M.Phil.			
Ph.D.	15000	1238	1:12
Integrated Ph.D.			
Certificate			
Diploma	20	20	1:1
PG Diploma	354	167	1:2
Any other (please specify)			

2.1.8 Were any programmes discontinued /staggered by the university in the last five years? If yes, please specify the reasons.

- A PG course, M.Sc. in Computational Geophysics in the Faculty of Science, started from the academic year 2009-10 and discontinued from the year 2012-13 due to decrease in demand.
- M.Sc. Nanoscience in the Faculty of Science, funded by DST under Nano Mission, started from the academic year 2008-09 funded and was completed in the 2012-13. However, Nanoscience is offered as one of the specialization in the regular M.Sc. Physics course.
- M.F.C. (Master of Finance and Control) course in the Faculty of Commerce has been introduced from the academic year 2007-08 and was discontinued in 2011-12 as there was no due weightage in teaching profession.

2.2 Catering to Diverse Needs of Students

2.2.1 Does the university organize orientation / induction programme for freshers? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.

Yes.

The university conducts orientation/induction programmes for freshers before the commencement of the classes. The Principal of the College, Heads of the Department and Faculty enlighten on the rules and regulations of the programmes, code of conduct, curriculum and the programme outcomes. The process of admissions to the hostels, rules and regulations of examinations and evaluation, and anti-ragging and gender sensitization,

prospects of the course, and other related issues are dicussed.

Any suggestions and feedback by the students and parents during the induction programmes are considered for necessary improvements in future.

2.2.2 Does the university have a mechanism through which the "differential requirements of the student population" are analysed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

The university has introduced the mentor-mentee system that ensures assessment of the differential requirements of the student populations. In the initial classes fast and slow learners are identified, and remedial measures are taken to bridge the gap between both the groups.

2.2.3 Does the university offer bridge / remedial / add-on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

Yes.

Bridge Courses for

- Lateral entry of Diploma holders into the B.E./B.Tech. II Year

Bridge Courses in PG

- Statistics for Biology students
- Biology and Recombinant DNA technology to students pursuing Bioinformatics with Non-Biology background
- Mathematics for Chemistry students with Biology background
- Biology for Chemistry students with Mathematics background

Remedial Courses in

- In all courses remedial classes for slow learners are conducted.
- Also for training students from vernacular medium Spoken and Written English classes are conducted.

Mandatory/Compulsory Add-on Courses are offered at

- Faculties of Engineering and Technology
- Most of the UG Courses in Affiliated Colleges
- Most of the PG Courses in Campus and Constituent Colleges

2.2.4 Has the university conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, physically handicapped, slow learners, etc.? If yes, what are the main findings?

Yes.

The Statistical Cell of the university compiles the information on the academic growth of all sections of the students.

The SC/ST Cell, BC Cell and Minority Cell analyse and suggest appropriate measures for the furtherance of academic growth of the disadvantaged sections of the students.

Based on the findings of these cells, the university through the Equal Opportunity Cell and Minority Cell, provides support programs like:

- Remedial Courses in Spoken and Written English
- Coaching for National Entrance Tests
- Coaching for National and State Eligibility Tests (NET & SET)
- Training for Competitive Examinations:
- Central & Civil Services - UPSC Examinations
- State Services - TSPSC Groups Services
- Engineering Services and GATE Programmes
- Public Sector Banks - BSRB examinations for Probationary Officers & Clerical Grade positions
- The Reserve Bank of India Services
- National Bank for Agricultural and Rural Development Services
- Life Insurance Corporation Services

2.2.5 How does the university identify and respond to the learning needs of advanced learners?

The University identifies the advanced learners through classroom interactions, student advisory councils and mentoring systems. Such students are encouraged to participate in National and International Seminars, and Workshops / summer / winter schools organized by various National Institutes and R & D centers. They are allowed to pursue diploma courses simultaneously, and attend value added programmes.

2.3 Teaching-Learning Process

2.3.1 How does the university plan and organise the teaching, learning and evaluation schedules (academic calendar, teaching plan, evaluation blue print, etc.)?

- The University prepares the academic calendar well in advance keeping in view the approved scheme of instruction for various courses.
- This exercise is a collaborative endeavor involving the Deans of the Faculties concerned and the Principals of the University Colleges and Affiliated Colleges.

The items in the academic calendar are:

- Commencement of Classes
- Schedule for Internal Tests
- Short Vacation
- Last day of Instruction
- Preparatory holidays
- Schedule of Examinations
- End Semester Vacation
- Date of Reopening

2.3.2 Does the university provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

Yes.

The students are provided with a copy of the syllabus, course schedule, scheme of instruction and examination at the beginning of the academic session. These are also made available on university/college/department websites. The effectiveness of the process is ensured through the teaching dairies.

2.3.3 Does the university face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.

No

2.3.4 How learning is made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

To make the learning student-centric, following measures are provided in the curriculum:

- All science, engineering and technology programmes have laboratory component, computer simulations, tutorials, student seminars, internships and project work.
- All social sciences and arts programmes have field works, surveys, quizzes, group discussions and debates.
- Legal aid cells and related activities, court internships, case studies and moot courts are part of Law programme.
- Community services (adoption of villages and schools), surveys, field trips, and sharing of model lessons are part of Education and some Social Sciences programmes.

- Besides these, the participatory learning activities also include paper presentations, college magazines, poster exhibitions, quizzes, wall paper journals, newsletters, student festivals, symposia, student workshops, etc.
- Provision of e-journals and digital library with 24x7 wi-fi facility covering the entire campus and hostels.

2.3.5 What is the university's policy on inviting experts / people of eminence to deliver lectures and/or organize seminars for students?

- The departments are encouraged for arranging lectures by inviting eminent personalities in their respective fields for the benefit of teachers and students.
- In addition, a number of endowment lectures are organized with support of philanthropists, alumni, NGOs, etc.
- Further, the departments are also allowed to conduct workshops/conferences exclusively for student community.
- Additionally, provision is made to invite visiting faculty/resource persons/peers from other universities and institutes of repute in SAP/ FIST/ Plan grants.

2.3.6 Does the university formally encourage blended learning by using e-learning resources?

Yes.

The university encourages the use of e-resources as source of effective learning blended with classroom teaching. Various resources include: e-library, digital library, NPTEL, INFLIBNET, INFONET, e-journals, web-resources, Shodh Ganga, video resources, etc.

2.3.7 What are the technologies and facilities such as virtual laboratories-learning, open educational resources and mobile education used by the faculty for effective teaching?

- Open source simulations, Java applets, SciLab, virtual laboratory tools, Linux, GNU project and training tools, online resources made available. These resources are effectively used by some faculty members in science, engineering and technology departments for teaching and research.
- All faculty have access e-learning through internet and intranet.
- Through OU Digital Library, a large number of e-books and rare-manuscripts are made available. Exploring the internet resources using mobile devices provides contemporary learning experience through Wi-fi access points.

2.3.8 Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the university's educational processes?

Yes.

Most of the faculty members use the Open Source web resources provided by AICTE, UGC, TASK and OpenLINUX, FOSS and use them for the improvement in their regular teaching activities.

2.3.9 What steps has the university taken to convert traditional classrooms into 24x7 learning places?

The University has already initiated to convert the conventional classrooms into smart classrooms. As a result, many classrooms are equipped with LCD/LED, Visualisers and Computers with Internet access.

2.3.10 Is there a provision for the services of counsellors / mentors / advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefitted.

Yes.

- All departments have Student Advisory Committees with a faculty member as a Student Advisor.
- Mentoring system exists in the University. Each faculty member is allotted 10-15 students as mentees. The mentor-teacher interacts once in fifteen days with the mentees and discuss their academic, personal, emotional and other related issues and bring it to the notice the concerned authorities for redressal.
- A **Psychological Counseling Centre** - '**Sahayam**' is established to help students in the management of personal and psycho-social issues. Students are informed during the orietntation/induction program about SAHAYAM. Students have acces to this Centre and interact with the counsellors to discuss about their problems as and when required.
- In each department, one faculty is designated as lady counsellor and girls are advised to contact in case of need.
- In addition, grievance box is available for students to drop their greivances. On a weekly basis the student advisor monitors to suggest required measures.

2.3.11 Were any innovative teaching approaches/methods/practices adopted/put to use by the faculty during the last six years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

Yes. The following are the innovative techniques employed in teaching.

- ICT
- Models

- Computer Simulations
- Demos
- NPTEL video lessons
- Video lessons produced by EMRC
- Virtual Laboratories

Innovations in teaching enable the faculty to seek promotion under CAS. The university recognizes the innovation in teaching while nominating for State and Central Governments awards.

2.3.12 How does the university create a culture of instilling and nurturing creativity and scientific temper among the learners?

- Through participatory learning activities such as industrial training, project work, seminars, paper presentations, model building, poster presentations, mock drilling, wall-paper journals, tutorials, field trips, educational tours, outreach progrmmes etc.
- To encourage the scientific temper and interface with eminent personalities and subject experts in various fields, regular conduct and celebration of events like National Science Day, Press Day, Engineers Day, etc.
- In order to sensitize students on contemporary issues skits, docu-drama, street plays and flash mobs are organized.

2.3.13 Does the university consider student projects mandatory in the learning programme? If yes, for how many programmes have they been (percentage of total) made mandatory?

Yes.

In all professional courses the project work is mandatory.

In all PG courses, 20% of students undertake project work.

* List of programmes with mandatory project work:

B.E. & B.Tech	M.Pharm
M.E. & M.Tech	BEd
MCA	MEd
MBA	MCJ
LLB	MPEd
LLM	MLiSc

* Names of external institutions associated with the university for student project work

DRDO, ARCI, IICT, NGRI, GSI, NIN, AMD, CCMB, CRIDA, ICRISAT, APSFL, Dr.REDDY's Labs, Aurobindo Pharma, Shanta Biotech, GVK Bio,

TCS, Wipro, ECIL, NFC, BEL, MIDHANI, BHEL, CPRI, CITD, RCI, etc.

* Role of faculty in facilitating such projects

The faculty help in designing, implementation, review and documentation of the projects.

The faculty encourages the students to communicate the project outcome to conferences/journals.

2.3.14 Does the university have a well-qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?

Yes.

- The faculty selections are made on all India basis by following the provisions of the State Act and UGC guidelines issued from time to time.
- All the Departments have qualified faculty to meet the curriculum requirement. In interdisciplinary courses, subject experts are drawn from the allied departments and research institutes.
- Academic Consultants are appointed on contract basis to meet the shortfall.
- Retired teachers are also appointed as adjunct faculty.
- Visiting Professors, Emeritus Professors and Post Doctoral Fellows are also encouraged to participate in the academic programmes.

2.3.15 How are the faculty enabled to prepare computer-aided teaching/ learning materials? What are the facilities available in the university for such efforts?

- Centralized training is provided to the faculty to enable them to prepare for computer-aided teaching by the University Computer Centre and UGC-HRD Center.
- In addition to this, the departments also organize training programmes for usage of ICT enabled teaching and learning.
- To achievce this computer-based teaching aids are part of classrooms.

2.3.16 Does the university have a mechanism for the evaluation of teachers by the students / alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?

Yes.

- The feedback from the students is obtained at the end of each semester.
- The OSD to the Vice-Chancellor of the University monitors this activity regularly.
- The IQAC analyses the feedback and sends to the respective

Principals and Heads of the Departments.

- The result is utilized for sensitizing / advising the teachers to improve the quality of teaching – learning process.

2.4 Teacher Quality

2.4.1 How does the university plan and manage its human resources to meet the changing requirements of the curriculum?

- By arranging orientation and refresher programmes in the contemporary areas included in the curriculum for faculty.
- By organizing guest lectures by eminent personalities.
- Exposing the teachers to the online resources.
- By organizing workshops in contemporary fields.

2.4.2 Furnish details of the faculty (on campus)

As on 30-06-2016

Highest Qualification	Professors		Associate Professors		Assistant Professors		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	--	--	--	--	--	--	--
Ph.D.	136	32	10	4	49	42	273
M.Phil.	--	--	1	1	1	--	03
PG	--	--	18	2	42	39	101
Temporary teachers							
Ph.D.	--	--	--	--	22	6	28
M.Phil.	--	--	--	--	1	0	1
PG	--	--	--	--	38	25	63

2.4.3 Does the University encourage diversity in its faculty recruitment? Provide the following details (department / school-wise).

Department / School	% of faculty from the same university	% of faculty from other universities within the State	% of faculty from universities outside the State	% of faculty from other countries
All Campus departments	82.58	11.10	5.80	0.52

2.4.4 How does the University ensure that qualified faculty is appointed for new programmes / emerging areas of study (Bio-technology, Bio-informatics, Material Science, Nanotechnology, Comparative Media Studies, Diaspora Studies, Forensic Computing, Educational Leadership, etc.)? How many faculty members were appointed to teach new programmes during the last six years?

- The University invites qualified and experienced scientists/researchers/ faculty members from different institutes and universities to cope with the additional teaching requirements to run new programmes in the emerging areas.
- The services of young Research Associates / Kothari Fellows, and Emeritus / BSR Professors are also used.
- About 50 faculty members are presently engaged to teach the newly introduced programmes.

2.4.5 How many Emeritus / Adjunct Faculty / Visiting Professors are on the rolls of the university?

Emeritus Professors 11

2.4.6 What policies/systems are in place to academically recharge and rejuvenate teachers (e.g. providing research grants, study leave, nomination to national/international conferences/seminars, in-service training, organizing national/international conferences etc.)?

The University is promoting teacher development by:

- Providing reasonable grants for research (under UGC-UPE, DST-PURSE, TEQIP-II).
- On duty leave for one year to do Post-Doctoral Research abroad
- Permitting them to attend Seminars/Conferences by granting 15 days of duty leave, every year for National Conferences and once in two years for International Conferences, and paying them TA / DA.
- Providing financial support to departments for conducting Seminars and Conferences.
- Encouraging the teachers for acquiring PhD Degree under Quality Improvement Program (QIP) of AICTE.
- Encouraging the teachers for acquiring PhD Degree under Faculty Improvement Program (FIP) of UGC.

2.4.7 How many faculty received awards / recognitions for excellence in teaching at the state, national and international level during the last six years?

170

2.4.8 How many faculty underwent staff development programmes during the last six years (add any other programme if necessary)?

Academic Staff Development Programmes	Number of faculty
Refresher courses	874
HRD programmes	42
Orientation programmes	143
Staff training conducted by the university	349
Staff training conducted by other institutions	179
Summer / Winter schools, workshops, etc.	337

2.4.9 What percentage of the faculty have

* been invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies? 50%
* participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies? 70%
* presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies? 50%
* teaching experience in other Universities / national institutions and other institutions? 20%
* industrial engagement? 15%
* international experience in teaching? 5%

2.4.10 How often does the university organize academic development programmes (e.g.: curriculum development, teaching-learning methods, examination reforms, content / knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?

- Whenever there is a change in curriculum, reforms are used in the examination system, etc. orientation / refresher /academic development programmes are organized by the UGC-HRD center.
- College-level and Department-level workshops are organized on teaching – learning measures.

2.4.11 Does the university have a mechanism to encourage

* Mobility of faculty between Universities for teaching? Yes
* Faculty exchange programmes with national and international bodies? Yes

If yes, how have these schemes helped in enriching the quality of the faculty?

- **With University of Utah, USA**: To promote the advancement of international understanding, dissemination of learning and strengthening of cultural ties through the faculty exchange programme of one semester duration (*so far, two Professors from Utah, and one Prof from OU Prof. T. Vijay Kumar have made visits of 4-weeks duration each under this agreement*).
- Prof. Y. Pardhasaradhi, Department of Public Administration appointed as Adjunct Professor UESTC, Chengdu, China - 2011 to till date.
- Under the UGC-UKIERI Thematic Partnership Programme, one faculty – Dr. C. Srinivasulu, Department of Zoology has visited University of Bristol, Bristol, UK. Prof. Gareth, University of Bristol and Prof. Stephen Rossiter, Queen Mary University of London, visited Osmania University in January 2016.
- Dr. P. Vishnu Dev, Dept. of Sociology has been recognized as "Visiting Professor" at University of Tubingen, Germany to teach Post-Graduate Students for International Course of Summer Semester during the years 2014, 2015 and 2016.

These visits have enriched the faculty and the department to strengthen the curriculum and development of teaching laboratories.

2.5 Evaluation Process and Reforms

2.5.1 How does the University ensure that all the stakeholders are aware of the evaluation processes that are operative?

- It is ensured by displaying the full details of evaluation process on the website and updated whenever revised/modified.
- Handbooks, college bulletins, course prospectus, also include such reforms.

2.5.2 What are the important examination reforms initiated by the university and to what extent have they been implemented in the university departments and affiliated colleges? Cite a few examples which have positively impacted the examination management system

- The university follows the semester system for all its PG and UG (professional) programmes with an aim to undertake continuous assessment of the students throughout the year.
- As a part of examination reforms, the university has introduced grading system based on CGPA score on 10-point scale under Choice Based Credit System from the academic year 2009-10 for evaluating the performance of examinees.
- Continuous internal evaluation through multi-mode assessment including internal tests, assignments, seminars.
- The university has introduced online distribution of encrypted question papers for conduct of examinations to the Chief

Superintendents of examination centres in order to minimize the time lag and other difficulties faced conventionally.

- Passwords for decrypting are sent through mobiles half an hour before the commencement of examination.
- The coding of the answer scripts before valuation and decoding is done after valuation.
- In PG programmes, double valuation and in case of discrepancy of more than 20%, a third valuation.

2.5.3 What is the average time taken by the university for declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode / media adopted by the university for the publication of examination results (e.g. website, SMS, email, etc.).

- The university declares the examination results within 45 days for all programmes with single valuation, and within 60 days for programmes having two valuations from the last date of examinations.
- In case of undue delay under extraneous circumstances, the university releases press-note and upload the same on to the website to that effect.
- The results are displayed on the notice boards of the Colleges, Examination Branch and on the university website for the information of parents/employers and other stakeholders.
- In addition, the university results are uploaded simultaneously on the various private websites, such as www.manabadi.com, for quick access.

2.5.4 How does the university ensure transparency in the evaluation process? What are the rigorous features introduced by the university to ensure confidentiality?

- The answer scripts of all Internal Assessments are shown to the students after evaluation.
- The student seminars which are conducted in presence of whole class.
- The scheme evaluation of end semester exams is given in advance. The weightage given to different units are known to the students. The choice available is also fixed.
- The university follows a standard protocol for maintaining the confidentiality to ensure fair and unbiased evaluation of the answer scripts.
- The answer scripts are jumbled and coded for valuation, and decoded later for processing of final results.
- Evaluation is made under strict vigilance, at the University Spot

Valuation Centre.

- The examiners for evaluation are chosen randomly by the Chairman, BoS of respective disciplines from the panel of examiners approved by the BoS of subject concerned.
- For UG courses, there is provision for Recounting and/or Revaluation.
- For PG courses, there is provision for Recounting.
- The photo copies of answer scripts are provided on demand.
- For every subject a Chief Examiner is appointed for UG programmes. Detailed scheme of evaluation is prepared by the Chief Examiner in consultation with all the examiners before the commencement of valuation.
- In view of the large number of answer scripts in UG courses, Additional Chief examiners are appointed.
- Each Additional Chief is associated with ten examiners. The Chief Examiner/Additional Chief Examiners review ten percent of the scripts valued by each examiner to ensure correct and uniform valuation.
- Double evaluation method is followed in all PG programmes. The average of the two evaluations will be the final marks, in all cases where the disparity between the two evaluations is less than 20%.
- If the disparity is 20% or more, the scripts are sent for third valuation and the average of the highest two awards is taken as the final marks.
- Students of Affiliated Colleges are allotted Examination Centre other than the college where they studied to minimize malpractices.
- Receiving of revaluation applications through TSONLINE centers is introduced for UG and PG programmes.
- Online bill generation and deposition of remuneration to the respective accounts of the examiners.
- Degree certificates are being sent to the successful candidates by post within 15 days from the date of application.
- Tatkal Scheme is available for student to take the degree earlier than the stipulated 15 days.
- Since 2014, the allotment of examiners is being done online for B.Sc./B.Com./B.A. Practical Examinations. The Chairpersons of the Boards of Studies have access to this software for making allotment.

2.5.5 Does the university have an integrated examination platform for the following processes?

A separate Electronic Data Processing (EDP) Section of the Examination

Branch is exclusive platform to integrate the following processes:

- Preparation of Nominal Rolls
- Issue of Hall Tickets
- Preparation of D Forms
- Tabulation and Processing of Results
- Display of results and marks on the University Website
- Printing of Memorandum of Marks, Degree and other certificates

* Pre-examination processes – Time table generation, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, etc.

  Yes.

  - Examination application forms for all courses are being received online and the data is used to generate hall tickets and other required forms and material.
  - Hall tickets are distributed through the respective Chief Superintends of the Examination Centre and/or Principals of the Colleges.

* Examination process – Examination material management, logistics, etc.

  Yes.

  - An exclusive Section manages the distribution of the answer scripts and other related examination materials.
  - From the academic year 2012-13, the university has set up Secured Electronic Distribution of Examination Papers (SEDEP) to overcome the difficulties in logistics of distribution of question papers.
  - Online facility for downloading the Hall Tickets is available dispensing with the manual collection of Hall Tickets by the Colleges from the Examination Branch.

* Post-examination process – Attendance capture, OMR-based exam result, auto processing, generic result processing, certification, etc.

  Yes.

  - The attendance capture is manual through attendance statement and D-forms.
  - The OMR-based exams are automatically processed for result generation and certification.
  - For descriptive examinations attendance and evaluation details are computerised and the results and certificates

are automatically generated.

- The data of all the examinations are preserved in the database for future use.

2.5.6 Has the university introduced any reforms in its Ph.D. evaluation process?

Yes.

The university has reformed the Ph.D. evaluation process from the academic year 2010-11.

- Introduced the 'Research Design Seminar' to be presented by the end of first year of the programme.
- A second 'Research Progress Seminar' to assess the progress of the research.
- A third 'Pre-submission Seminar' to evaluate the merit of the research work for submission.
- Two research publications in peer-reviewed journals with good impact factor are compulsory.
- Adopted anti-plagiarism measures such as 'Shodganga' and 'Shodgangotri' of INFLIBNET, UGC.
- Submission of 'soft-copy' of the thesis in prescribed format made mandatory.

2.5.7 Has the university created any provision for including the name of the college in the degree certificate?

Yes.

Only in case of autonomous colleges the name of their college is printed on the certificates.

2.5.8 What is the mechanism for redressal of grievances with reference to examinations?

- For UG courses, there is a provision for Recounting and /or Revaluation
- For PG courses, there is a provision for Recounting
- A photo copy of answer script is provided to the candidate on request
- In case of the students booked under malpractice, the following procedure is followed:
  - A Committee consisting of the Dean of respective faculty as Chairperson, Head of the Department, Chairperson, BoS of the concerned subject and CoE / Additional CoE look into the malpractice cases.
  - The candidate booked under malpractice is given an opportunity to present and defend his case before the Committee.

- Based on the report of the Chief Superintendent of Examination, material evidence available and statement of the candidate, the Committee awards punishment according to the provisions of Ordinance VII of Universities Act.

2.5.9 What efforts have been made by the university to streamline the operations at the office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division/section.

The Examination Branch of the university has the following administrative structure to streamline its functioning.

1. Controller of Examinations
2. Additional Controller of Examinations (Confidential I)
3. Additional Controller of Examinations (Confidential II)
4. Additional Controller of Examinations (PG)
5. Additional Controller of Examinations (MBA)
6. Additional Controller of Examinations (Professional Programmes I)
7. Additional Controller of Examinations (Professional Programmes II)
8. Additional Controller of Examinations (B.A.)
9. Additional Controller of Examinations (B.Sc.)
10. Additional Controller of Examinations (B.Com.)
11. Additional Controller of Examinations (Distance Education)
12. Additional Controller of Examinations (Electronic Data Processing)

Distribution of responsibilities among the Additional Controllers facilitates improved efficiency leading timely declaration of results.

- The Additional Controller (Confidential) looks after logistics of conduct of all university examinations (question paper setting and distribution) and Ph.D. thesis evaluation.
- The Additional Controller (EDP) is responsible for preparation of Nominal Rolls, issue of Hall Tickets, preparation of D Forms, tabulation and processing of Results, display of results and marks on the University Website, and printing of Memorandum of Marks and all other certificates.
- Other Additional Controllers are responsible for monitoring of coding-decoding, spot valuation, processing of results, maintenance of records, etc.

The following measures have improved the functioning of the Examination Branch:

- Online submission of examination forms which will be automatically corroborated with the data of nominal rolls available with the university.
- Issue of hall tickets online.
- Distribution of question papers electronically through Secured Electronic Distribution of Examination Papers (SEDEP) on pilot basis for Engineering and MBA examinations.
- Generation of marks database is done by the valuers at the time of valuation which is processed for results.
- Access to the results and marks obtained through university web portal.
- Degree certificates of all courses are being sent by speed post within fifteen days.

2.6 Student Performance and Learning Outcomes

2.6.1 Has the university articulated its Graduate Attributes? If so, how does it facilitate and monitor its implementation and outcome?

Yes.

- The graduate attributes, in general, include qualities, skills and understandings which are expected to be acquired by each student during their period of study.
- These are dependent on the course of study and are listed in syllabus and course structure.
- To facilitate nurturing and monitoring of the above attributes the following measures are taken by the University:
  - The course outcomes are matched with programme outcomes
  - Regular Assignments to have greater comprehension over specific topic for acquiring the skill sets defined by attributes.
  - Conduct of Seminars
  - Mentoring, counseling and feedback to ensure the targeted outcomes

2.6.2 Does the university have clearly stated learning outcomes for its academic programmes? If yes, give details on how the students and staff are made aware of these?

Yes.

- The expected outcomes — subject knowledge, skills and values to be obtained are clearly defined in the prospectus or the handbook.
- Through course objectives and outcomes in the scheme of instruction and evaluation.
- At the beginning of academic year, all the students are provided with a copy of syllabus with the year-wise, semester-wise, subject-wise and

unit-wise topics to be covered, skill sets to be obtained, outcomes of the course, attributes to be acquired, and scheme of examination.

2.6.3 How are the university's teaching, learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?

- The Faculties of Arts and Social Sciences use predominantly the lecture method.
- In Science, Engineering and Technology Courses, practical training in laboratories is an important component in addition to the lecture method.
- Other methods of learning experiences provided to the students include:
    - Field works
    - Surveys
    - Industrial training
    - Tutorials/Seminars
    - Project work
    - Dissertation
    - Moot Courts
- NSS, NCC, Sports and other outreach activities ensure furthering the value system of the learner adding to their sense of social responsibility and values.

2.6.4 How does the university collect and analyse data on student learning outcomes and use it to overcome the barriers to learning?

- The data on learning outcomes are collected through interactions and discussions during the departmental workshops and by analyzing:
    - the examination results,
    - student feedback,
    - web based information,
    - experiences of alumni,
    - outcomes of job melas, campus recruitment processes, etc.
- The corrective measures are taken to overcome barriers to learning (rural–urban, language, behavioural patterns, socio-economic, cultural differences) at individual faculty member level, department level and college level.

2.6.5 What are the new technologies deployed by the university in enhancing student learning and evaluation and how does it seek to meet fresh/ future challenges?

To meet the challenges, the following are the new technologies adopted:

- Use of ICT tools in the classrooms
- Development of digital library
- Access to the internet through optical fiber network
- Computer Simulations using MATLAB, SciLAB, ANSYS, COMSOL
- Open source softwares – GNU project, R-interface, GIS, etc.
- Computer Labs and necessary software support
- Video lessons through EMRC, NPTEL, etc.

Any other information regarding Teaching, Learning and Evaluation which the university would like to include.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the university have a Research Committee to monitor and address issues related to research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

Yes.

A Departmental Research Committee (DRC) is constituted for each department to monitor the research activities. The committee consists of

a) Head of the Department — Chairperson
b) Chairperson, Board of studies — Member
c) Three senior Teachers who are recognized PhD supervisors — Members

The functions of the DRC are:

- To monitor the progress of research conducted by the faculty and Ph.D.scholars
- To facilitate submission of research proposals by the faculty to various funding agencies.
- To consider all other matters related to research in the department

What is the policy of the university to promote research in its affiliated / constituent colleges?

The university has formulated norms and guidelines for recognizing colleges as 'Recognized Research Centers' to provide training and facilities leading

to the award of research degree (Ph.D.).

3.1.3 What are the proactive mechanisms adopted by the university to facilitate the smooth implementation of research schemes/projects?

The university has positive attitude and extend full support while implementing the research projects by the individual researchers within the framework of rules and regulations.

* advancing funds for sanctioned projects

  On request of Principal Investigator (PI), the university provides advance funding under admissible heads.

* providing seed money

  Yes. The university provides seed money to its faculty memebrs for undertaking the research through TEQIP, UPE-FAR and DST-PURSE programmes.

* simplification of procedures related to sanctions / purchases to be made by the investigators

  As per the sanctioned budget and items to be procured, PI can procure each item worth upto Rs. 25,000/- without the approval of Purchase Committee.

* autonomy to the principal investigator/coordinator for utilizing overhead charges

  Full autonomy is given to PIs to utilize the grant sanctioned under 'Overhead Charges' to the extent of 50 percent.

* timely release of grants

  Soon after receiving the sanctioned letter, the university releases grants required to operate the project/scheme on submission of requests through prescribed form.

  The PIs are allowed to open a separate Bank Account to facilitate them to operate/disburse the grants released to them officially.

* timely auditing

  The university facilitates auditing of accounts of each project by the State Auditing official.

* submission of utilization certificate to the funding authorities

  On the request of PI, and in the case of ongoing project, the University issues Provisional Utilization Certificate after due verification of accounts and forward the same to funding agency for the release of subsequent grants.

3.1.4 How is interdisciplinary research promoted?

The university has long recognized the importance of interdisciplinary research in solving common complex problems. It also continues to explore all possible ways of interconnecting scientists across the disciplines and institutions that undertakes scientific challenges in innovative ways.

* between/among different departments /schools of the university and

It promotes interdisciplinary research by recognizing the research supervisors of allied subjects and encourages submitting the joint research proposals to various agencies.

Under the UGC-UPE Focused Area Research Programme, 11 science departments conduct intersiciplinary research to achieve excellence and bring social relevance to the Material Science Research.

The Interdisciplinary School of Life Science for Advanced Research and Education (ISLARE) was established under the DBT funding involving Life Science Departments. The programme resulted in establishment of the state-of-the-art facility and five modular labs to cater the research needs in frontier areas.

* collaboration with national/international institutes / industries.

University promotes collaborative interdisciplinary research through:

- the recognition of institutes/industry as research centres,
- forging MoUs with other institutions,
- undertaking Joint Supervision for Doctoral Programmes,
- conduct of joint research programmes, etc.

3.1.5 Give details of workshops/ training programmes/ sensitization programmes conducted by the university to promote a research culture on campus.

To promote research culture on campus, regular workshops, training programmes and lectures by eminent personalities are conducted by the:

- teaching departments
- research centres
- Central Facilities for Research and Devlopment,
- Research, Development, and Consultancy Centre, and
- UGC-HRD Center

Most of these workshops or programmes are sponsored by various funding agencies. Also the financial provisions are made in the plan grants for the conduct of such workshops and Dean, Development and UGC Affairs disburses such finances.

3.1.6 How does the university facilitate researchers of eminence to visit the campus as adjunct professors? What is the impact of such efforts on the research activities of the university?

- University has provision for appointment of researchers of eminence as adjunct professors who share their expertise and guide the younger faculty in research.
- The past experiences have invented tangible ideas through concerted research interactions in the areas of interest.

3.1.7 What percentage of the total budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilization.

- Rs 16.00 lakhs is allotted in budget for research activities. It is released to the departments through the Deans of the faculties concerned.
- Financial support is provided to Research scholars for preparation and publication of the Ph. D. thesis.
- Rs. 8.00 lakhs is provided to faculty and research scholars for attending national/international seminars/conference, etc.
- Rs. 12.00 lakhs is allotted to Central Facilities for Research & Development.

3.1.8 In its budget, does the university earmark fund for promoting research in its affiliated colleges? If yes, provide details.

No.

3.1.9 Does the university encourage research by awarding Post-Doctoral Fellowships/Research Associateships? If yes, provide details like number of students registered, funding by the university and other sources.

No.

3.1.10 What percentage of faculty has utilized the sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the university monitor the output of these scholars?

- About three percent of faculty have availed the sabbatical leave to pursue research in other Universities.
- The faculty deputed for this purpose is asked to submit a detailed report on their achievements and future plans.

3.1.11 Provide details of national and international conferences organized by the university highlighting the names of eminent scientists/scholars who participated in these events.

- Several national and international conferences have been conducted by the various departments.
- The details of these conferences are given their respective departmental

evaluation reports.

3.2 Resource Mobilization for Research

3.2.1 What are the financial provisions made in the university budget for supporting students' research projects?

- University supports the students' research projects through internal revenue generation.
- Financial support is provided (through Deans of the Faculties) to research scholars for preparation and publication of the Ph.D. thesis.
- However, nearly one half of full-time research scholars are receiving fellowships either through the selection of national level tests conducted by UGC, CSIR, etc., or through special schemes (RGNF, RFSMS, INSPIRE, DST-PURSE, UPE, CPEPA, SAP, TEQIP, Deity) promoted by UGC and DST, and also under various sponsored research schemes awarded to faculty.
- The majority of remaining students are supported by the Social Welfare Department, Government of Telangana by sanctioning scholarships.

3.2.2 Has the university taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?

Yes.

The university has established a Center for Intellectual Property Rights and Copyrights under the UGC-UPE programme in 2012.

The main objectives of the Center is to promote awareness on IPR among teachers, researchers and students, documentation of the IP created by the university staff, students and alumni, manage and facilitate IP through registration of patent, copyright, design, and new plant varieties, etc.

Full financial assistance is provided to faculty and students in Engineering and Technology departments under the TEQIP for filing patents.

PATENTS AWARDED

1. A process of effluent treatment of any galvanizing industries. Patent No: 242483. Dt. 30.08.2010.
2. Traffic Management system for Urban Intersection. No. 3204/CHE/2012.
3. Traffic Management system for Urban Pedestrian Crossing. No. 5103/CHE/2012
4. Enzyme Fields Effect Transfer (ENFET) for Estimation of Triglycerides using Magnetic Nano Particles. Patent No. H01R31/00.
5. A simple and improved process for production for production of highly purified stevioglycosides from the extracts of *Stevia rebaudiana*. Indian patent No. 0033NF 2011. dated 09-02-11.

PATENTS FILED

1. A chemical process of converting ocean water into potable water and its ingredients into commercial. CBR No. 6962-2010/CHE/2014
2. A chemical treatment process for conversion of sewage water into potable water. CBR No. 6962-2011/CHE/2014
3. Processes for recovery of alumina, silica, and rare earths from coal fly ash. CBR No. 1697-481/CHE/2014
4. Electro-defluoridator of drinking water. CBR No. 4635/CHE/2014
5. Syncope Detection Emergency Messaging CBR No: 1639/CHE/2009).
6. Conversion of polluted lake water into potable water. CBR No. 8290/RQ/CHE/2011. Dt. 19/10/2011.
7. Improved Synthesis and Cytotoxic Studies of Imine Compounds. CBR No. 202/CHE/2013.
8. Synthesis and Cytotoxic Studies of Barbituric Acid DerivativesCBR No. 3345/CHE/2012.
9. Improved Process for the Preparation of Dihydro Indolone Compounds and their CytotoxicityCBR No. 3344/CHE/2012.

3.2.3 Provide the following details of ongoing research projects of faculty:

S. No.	Name of the PI	Funding Agency	Title of the Project	Year	Grant received (Rs.) in Lakhs
1	Dr. J. Venkateswara Rao	APCOST	Optimization of Bio-farming methods for prawn cultivation	2012-13	3.00
2	Dr. Parveen Jahan	APCOST	Screening for C677T and A 1298C Polymorphisms of MTHFR Gene in Idopathic Recurrent Miscarriages Among South Indian Women	2012-13	2.57
3	Prof. M. Vithal	APCOST	Design and demonstration of experiments in Chemistry, Physics & Biology for High School Students	2012-13	3.45
3	Prof. M. Vithal	APCOST	Design and demonstration of experiments in Chemistry, Physics & Biology for High School Students	2012-13	3.45
4	Dr. K. Shiva Kumar	CSIR	Green synthesis of N and O containing heterocycles using	2015-16	21.96

			novel methodologies and their evaluation against pharmacological targets.		
5	Prof. A. Varadarajulu	CSIR	Preparation and analysis of cellulose/leather fibers completely biodegradable composite films for packaging and Medical Applications	2013-14	7.17
6	Prof. B. Sashidhar Rao	CSIR	Evaluation of Silver nano-biocomposite material as an anti-fungal agent in relation to aflatoxin production	2011-12	17.77
7	Prof. K. Rudrama Devi	CSIR	Genetic polymorphisms of VDR receptor genes and SNPs in lead susceptible workers	2011-12	12.59
8	Prof. M. Vithal	CSIR	Preparation Characterization photocatalytic and impedance spectroscopy of nano metal titanates	2011-12	9.14
9	Prof. M. Vithal	CSIR	Layered perovskites and hollandites as visible light driven photocatalysts for degradation of organic pollutants and water splitting	2016-17	21.35
10	Prof. P. B. Kavi Kishor (Retd)	CSIR	Enhanced Production of Secondary Metabolites in callus, Suspensions and hairy root cultures of gloriosa superb by Elicitation Immobilization and permeabilization Tecniques	2012-13	5.64
11	Prof. P. B. Kavi Kishor (Retd)	CSIR	Evaluation of transgenic rice plants for salt and drought stress tolerance using Vppase and APETALA 37 Genes…genes	2013-14	4.26
12	Prof. P. Rabindra Reddy (Retd)	CSIR	Design Synthesis and characterization of New Picolinic Acid Based Bifunctional teradenate Copper(II) Complexes for DNA Binding and Cleavage	2012-13	5.14
13	Prof. S. Vishnu Priya (Retd)	CSIR	A Study on the Role of JAK2, Stat3 and Stat5 genes in the Progression of Chronic Myeloid Leukemia	2012-13	23.57
14	Dr. B. Srinivas	DAE – BRNS	Geochemical and litho-structural characterization of basement and sediment rocks for delineating potential uranium mineralized zones in the Pakhal basin in Andhra Pradesh	2011-12	24.66
15	Dr. B. Srinivas	DAE –	Geochemical and litho-structural	2016-17	34.00

		BRNS	characterization of basement and sediment rocks for delineating potential uranium mineralized zones in the Pakhal basin, A.P		
16	Prof. B. Sashidhar Rao	DAE – BRNS	Gum kondagogu nano-composite: A natural carbohydrate polymer based nano-particle for efficient uranium removal from radioactive wastes,"	2011-12	17.77
17	Prof. M. Srinivas	DAE – BRNS	Petrochemical, RM RE studies on Carbonatite alkaline complex at Hogenakal, Dharmapur District, Temil Naidu, India	2015-16	5.94
18	Prof. V. Sudharshan	DAE – BRNS	Hydrogeochemical studies in Kurnool-Narnuru area of Cuddapah basin with special reference to uranium and trace metal speciation modeling	2011-12	24.62
19	Dr. Karuna Rupula	DBT	Studying the therapeutic properties and Establishing Sorghum grains as a Functional Food	2011-12	21.45
20	Dr. M. Hema Prasad	DBT	Genotoxicity Studies in Women Occupationally Exposed to Pesticides in Nalgonda and Guntur Districts of Andhra Pradesh	2013-16	38.67
21	Dr. Smita C. Pawar	DBT	Gene therapy for tumor angiogenesis elucidation of the molecular mechanisms involved in α6(IV) NCI mediated angionhibitory signal transduction	2011-12	31.98
22	Prof. A. Jyothy	DBT	Amelioration of the Severity of β-thalassemia by Modifier Genes	2013-16	48.00
23	Dr. P. Chandra Sekhar	DLRL	Design and Development of FPGA based dual threshold WAM techniques for Multilateration systems	2014-15	9.00
24	Prof. S. S. Singh	DRDO	Characterization of proteome with reference to high altitude acclimatization in human subjects	2011-12	50.00
25	Prof. S. S. Singh	DRDO	Exploring pro-angiogenesis role of β-N-oxalyl-L-ά, β-diaminopropionic acid (L-ODAP) in wound healing	2012-13	44.16
26	Dr. D. Ramakrishna	DRDO - RCI	Analysis Design and Simulation of W – band Antenna for FMCW Applications	2015-16	9.99
27	Dr. A. Hindumathi	DST	Exploitation of arbuscular mycorrhizal fungi and plant	2012-13	20.00

			growth promoting rhizobacteria for their synergistic role as biofertiliser and biocontril agent against safflower (carthamus tinctorius L.) and molecular characterization of efficient strains for pra		
28	Dr. A. Kiran Kumar	DST	Conservation of surface and ground water in a south western watershed experiencing rapid loss of irrigated agricultural land to development, in Nizambad District, Andhra Pradesh-AGIS approach	2013-14	6.00
29	Dr. A. Narsimha	DST	Delineation of high fluoride bearing ground water zones by hydro-litho & pedogeochemical investigations in the north eastern parts of Medak district, Andhra Pradesh, India	2014-15	25.00
30	Dr. D. Gopala Rao	DST	Geophysical study of the Ninety East ridge and adjoining ocean basins-Constrain on intraplate deformation and Keruguelem hotspot kinematics.	2012-13	5.96
31	Dr. G. Yellaiah & Dr. K. Chenna Reddy	DST	Ionospheric aspects of meteors by using MST Radar	2013-14	13.51
32	Dr. Harish Gupta	DST	Seasonal Variation in fluxes and Sources of dissolved and Particulate Carbon: A Comparative Study of Godavari and Mahanadi River Basins	2013-14	12.60
33	Dr. K. Shailaja	DST	Evaluation of In vitro anti-oxidant, anti-diabetic and Anti-Glycation activities of Averrhoa carambola and Primpinella tirupatiensis	2013-14	6.00
34	Dr. K. Shiva Kumar	DST	Design and synthesis of heteropine derivatives and their pharmacological evaluation	2014-15	14.33
35	Dr. K. Sudhakhar	DST	Synthesis of englerin A and It's analogues for inhibition of renal cell carcinoma	2014-15	23.80
36	Dr. Kandulapati Sriram	DST	Understanding the physical and radiative structure of accretion disk in the black hole and neutron star sources	2014-15	17.64
37	Dr. L. Nirmala Devi	DST	Security and data transmission issues in mobile Adhoc networks	2012-13	50.00

38	Dr. L. Nirmala Devi	DST	Security and Data Transmission issues in mobile ad-hoc networks	2013-14	6.00
39	Dr. M. Srinivas	DST	Tailoring of Materials for Luminescence Emission in UV Region with Improved Quantum Efficiencies for RGB	2014-15	24.88
40	Dr. Manjula Bhanoori	DST	Role of PTEN polymorphisms and loss of heterozygosity in the pathophysiology of endometriosis	2012-13	24.17
41	Dr. P. Naveen Kumar	DST	Investigation of Atmospheric effects on future ground Based Augmentation for GPS System	2012-13	33.33
42	Dr. Parveen Jahan	DST	Role of selected Immunoregulatory and cytokine gene polymorphisms in the susceptibility to Vitiligo	2011-12	35.43
43	Dr. V. Venkat Reddy	DST	Design and synthesis of novel organic photo imaging compounds and their nanotechnology applications	2012-13	20.34
44	K. Sreenu	DST	Nature of the paleoproterozoic – Neoproterozoic Magmatism: evidences from the alkaline – carbonatites complexes of Pikkili – Tirupattur – samalpatti, southern peninsular India	2014-15	39.40
45	Prof. C. Venkateshwar	DST	Defluoridation of Drinking Water	2013-14	12.00
46	Prof. G. S. Kumar (Retd)	DST	Electrical and piezoelectric studies of ferroelectric field effect controlled magnetism in multiferroic lead free strongly correlated oxides	2013-14	25.49
47	Prof. Kalpana Markandey	DST	Establishing a Geo-Spatial Science Research and Education laboratory	2011-12	20.00
48	Prof. M. Vithal	DST	Electrical and spectral characterization of delafosite layered ABO2 Materials synthesized by green chemistry method for catalytic and sofc applications	2011-12	27.50
49	Prof. P. B. Kavi Kishor	DST	Cloning and characterization of bacterial R…chaperone genes and their heterologous expression in rice or traits likely to be impactely climate change	2014-15	35.03
50	Prof. Pratibha Nallari	DST	Structural and Functional Analysis of Novel cardiac Troponin I	2012-13	46.31

			Mutations in Hypertrophic Cardiomyopathy of Indian Origin		
51	Prof. P. Ushasri	DST – RPS	Computational analysis of grooved casing in a centrifugal compressor	2011-12	10.00
52	Dr. B. Vijaya Lakshmi	DST - SERB	Development of Nanoemulsions for Efficient Delivery of Vitamin D and n-3 Fattyacids	2015-18	19.00
53	Dr. B. Bhima	DST – SERB	Development of multifunctional probiotic yeast Saccharomyces cerevisiae for enhanced poultry production	2013-14	35.24
54	Dr. B. Reddya Naik	DST – SERB	Mosquito-borne disease surveillance and molecular phylogenetics of mosquito fauna in (GHMC) Hyderabad	2013-14	12.00
55	Dr. C. Srinivasulu	DST – SERB	DNA barcoding bats of peninsular India including Andaman and Nicobar Islands – Molecular identity and discoveries of cryptic and sibling species	2014-15	39.30
56	Dr. M. Vijjulatha	DST – SERB	Computational design and synthesis of small molecule inhibitors targeting non-travial proteins of HIV-1	2013-14	46.00
57	Dr. Raju J. Reddy	DST – SERB	Cascade C-H Functionalization for Synthesis of *N*,*S*-Heterocycles	2016-17	33.10
58	Dr. Smita C. Pawar	DST – SERB	Elicitation of the Molecular Mechanism Involved in the Down Regulation of Calcineurin and its Role in Cervical Cancer Progression, funded by SERB	2014-15	54.79
59	Prof. Anupalli Roja Rani	DST – SERB	Evaluation of Anti-prolifereative, cytotoxic and receptor expression analysis by Acalypha indica L. plant extract on breast cancer cell lines MCF-7 for effective drug designing	2013-14	45.74
60	Prof. C. Venkateshwar	DST – SERB	Modernization of slaughter houses	2015-16	17.00
61	Prof. G. Bhikshamaiah	DST – SERB	Structural Transport and Magnetic properties of some double perovskite materials	2014-15	31.70
62	Prof. Shivaraj	DST – SERB	Synthetic, structural, antimicrobial, cytotoxic and DNA-interaction studies of bivalent transition metal mixed ligand complexes with bioactive benzothiazole Schiff bases and	2014-15	33.69

			other ligands		
63	Dr. Mohamed Yahya Khan	DST Fast Track Young Scientist	Exploiting biocontrol Pseudomonas for the production of biosurfactants using jatropha and pongamia oil seed cake	2012-13	23.45
64	Dr. Abdul Rehaman	DST Inspire	Computational studies on plavoproteins	2014-15	35.00
65	Prof. B. Rajeswara Reddy	DST-PURSE	Groundwater quality appraisal in south Western part of Mahabubnagar district, A.P. – a Hydrogeochemical study with emphasis on Fluoride.	2011-12	0.55
66	Prof. V. Sudarshan	DST-PURSE	Delineation of high Fluoride bearing groundwater zones by Hydro-geochemical investigations in Narsampet and Chennaraopet areas of Warangal district, A.P.	2011-14	16.00
67	Dr. P. Satish Kumar	DST-SERB	Performance Evaluation of Diode-clamped Multi level Inverter using Space Vector Pulse Width Modulation	2013-14	20.10
68	Dr. Smita C. Pawar	ICMR	Molecular mechanisms underlying ANGPTL2 dysregulation in the pathogenesis of cervical cancer metastasis	2015-16	47.84
69	Prof. K. Prabhakar Rao (Retd)	ICMR	Genetic analysis of Indian patients undergoing warfarin therapy	2011-12	17.34
70	Dr. B. Krishnaiah	ICSSR	Social Movements and Dalit Literature in India	2013-14	5.00
71	Dr. Lalith K. Dharavath	ICSSR	Potential of Forest Rights Act and Pahchayat Extension to Scheduled Areas Act in Building Self Govvernance and Livelihoods in Tribal Communities	2013-14	7.00
72	Dr. P. Vishnu Dev	ICSSR	Indigenous Medicinal and Healing Practices among Tribals – A Sociological Study of Telangana State	2015-16	15.00
73	Prof. S. Padmaja	ICSSR	Land transformation and vulnerability status in rurban zone –Hyd	2015-16	15.00
74	Prof. S. Simhadri	ICSSR	The other Backward Classes: Exclusion, Empowerment and Modernization	2013-14	50.00
75	Prof. T. L. N. Swamy	ICSSR	Women empowerment through Entrepreneurship in Andhra Pradesh - I	2012-13	4.57

76	Prof. T. L. N. Swamy	ICSSR	Women Empowerment through Entrepreneurship in Andhra Pradesh - II	2013-14	4.28
77	Dr. L. Nirmala Devi	MeiTY	Energy management in wireless sensor networks	2016-17	30.00
78	Dr. Ram Raj Mathur & Prof. B. Madhusudhan Rao	NMDC	Gravity surveys for Diamond exploration programme of NMDC in Bhagain, Rampura and Pali areas of MP, India.	2014-15	4.95
79	Prof. Praveen Raj Saxena	O.U.-DST-PURSE	Integrated Land and Water Development for Enhancing Livelihood & Agriculture Practices at Watershed/Village Level- A Remote Sensing-GIS, Geophysical and Geochemical Approach.	2011-12	3.50
80	Dr. B. Linda Prabhakar Babu	OU – DST – PURSE	Comparative study of Heavy Minerals (HMs) from Five Major On shore Sedimentary Basins (SBs) along the East coast (EC) of India “.	2011-12	1.50
81	Dr. J. Vijayakumar	OU – DST – PURSE	Geological Studies of Evaluate Managse Ore deposits in late Proterozonic Penganga basin in Adilabad District, Andhra Pradesh”.	2011-12	1.50
82	Dr. M. Srinivas	OU – DST – PURSE	Development of New Materials of Luminescence Emission in UV region with improved Quantum Efficiencies for RGB	2014-15	1.00
83	Dr. Sandeepta Burgula	OU – DST – PURSE	Proteome analysis… sepsis patients (A-2)	2011-15	7.00
84	Prof. A. Narsing Rao	OU – DST – PURSE	Regional Environmental Assessment (REA) with Special Emphasis on Environmental Health Problems Due to Granite Mining in Warangal District, Andhra Pradesh”.	2011-12	3.51
85	Prof. Anupalli Roja Rani	OU – DST – PURSE	Over expression of Sorghum vacuolar H^+ pyrophosphatase (SVP1) to improve salt and drought stress tolerance in Peanut (*Arachis hypogaea* L.)	2011-12	1.76
86	Prof. B. Appa Rao	OU – DST – PURSE	Study of up conversion fluorescence in rare earth co-doped oxide glasses	2011-14	3.51
87	Prof. Chintha Sailu	OU – DST – PURSE	Photo Catalytic Degradation of EDC Compounds in Waste Water.	2011-12	5.00
88	Prof. D. Suresh	OU – DST	Investigation of spin and lattice	2011-14	3.66

	Babu & Prof. P. Yadagiri Reddy	– PURSE	polaron inter conversion through Mossnauer, Raman and Magentic susceptibility measurements		
89	Prof. G. Bhikshamaiah	OU – DST – PURSE	Co-relation between structural magnetic and transport properties of some double perorskate compounds effects of doping	2011-14	3.69
90	Prof. G. Prabhaker Reddy	OU – DST – PURSE	Identification and Control of Nonlinear Processes using Artificial Intelligent Control Techniques	2011-12	5.00
91	Prof. G. Prasad	OU – DST – PURSE	Synthesis and characterization of some graded ferroelectrics	2011-14	5.01
92	Prof. J. Hayavadana	OU – DST – PURSE	Design and Development of Weft Patterning Device for Modified Handloom	2011-12	5.00
93	Prof. M. Nagabhushanam	OU – DST – PURSE	Synthesis and characterization of doped of nano crystalline thin films for optoelectric device applications	2011-14	3.66
94	Prof. M. Narsimha Reddy	OU – DST – PURSE	Petrogenesis and Geodynamic evolution of Anorthosites, Gabbros, Amphibolites and Gneisses from the Khammam Schist Belt in Andhra Pradesh.	2011-12	3.51
95	Prof. M. V. Ramana Reddy	OU – DST – PURSE	Characterisation of metal oxide thin films for multygas sensor applications	2012-13	2.00
96	Prof. P. Kistaiah	OU – DST – PURSE	Preparation and studies of optical properties of alkali lead fluoborate glasses	2011-12	1.67
97	Prof. Praveen Raj Saxena, Dr. Ram Raj Mathur, Dr. B. Srinivas and Prof. R. S. N. Sastry	OU – DST – PURSE	Integrated Land & Water development for enhancing livelihood agricultural practices at water shed village level – a remote sensing- GIS- Geophysical , Geochemical approach DST, Purse	2011-14	3.50
98	Prof. R. Sayanna	OU – DST – PURSE	Spectroscopic, transport studies and solid state battery applications of mixed alkali – alkaline earth borate glasses	2011-14	3.66
99	Prof. V. V. Basava Rao	OU – DST – PURSE	Fluidization Characteristics of Nano Particle	2011-12	5.00
100	Dr. B. Rajendra Naik	OU – TEQIP-II	Design and implementation an efficient image ampression tentative on FPGA	2016-17	0.80
101	Dr. D.	OU –	Compact Microwave band pass filters using Electromagnetic band	2015-16	0.80

	Ramakrishna	TEQIP-II	gap structure		
102	Dr. E. Vidya Sagar	OU – TEQIP-II	Reliability Improvement of Distribution Systems using Fault Passage Indicators	2015-16	1.00
103	Dr. K. Shyamala	OU – TEQIP-II	Parallel implementation of minimum spanning tree for large graphs on GPU	2015-16	1.00
104	Dr. L. Siva Rama Krishna	OU – TEQIP-II	Design and Manufacturing of scaffolds for Biomedical application using additive manufacturing	2015-16	0.85
105	Dr. M. Manjula	OU – TEQIP-II	Grid Connected PV-Wind-Battery based multi-input transformer coupled bidirectional DC-DC converter for household applications	2015-16	1.00
106	Dr. M. Manjula	OU – TEQIP-II	Mitigation of harmonics in a non linear load	2015-16	1.00
107	Dr. M. V. S. Sreedhar	OU – TEQIP-II	Investigations on effectiveness of commercial stabilizers in stabilization of soft clay	2015-16	1.00
108	Dr. R. Rajendra	OU – TEQIP-II	Estimation of geometric dimensional deviation of constructed free form surfaces from machined free form surface	2015-16	0.85
109	Mr. D. Rajashekar Reddy	OU – TEQIP-II	Seed Money, TEQIP-II	2015-16	1.00
110	Mr. E. Madhusudan Raju	OU – TEQIP-II	EEG signal based non invasive brain machine interface to control a two degree freedom RR type of planar robot arm	2015-16	1.00
111	Mr. K. Shasikanth	OU – TEQIP-II	Extreme Rainfall Projections of Indian summer monsoon under climate change	2015-16	0.80
112	Mr. M. A. Hameed	OU – TEQIP-II	Creating a social network dataset excluding bots contribution	2015-16	1.00
113	Mr. Md. Misbahuddin	OU – TEQIP-II	High Performance Computing Analysis of Computational Electro Magnetic technique for Micro Strip Patch	2016-17	1.00
114	Mrs. D. Annapurna	OU – TEQIP-II	Seed Money, TEQIP-II	2015-16	1.00
115	Mrs. P. Anuradha	OU – TEQIP-II	Seed Money, TEQIP-II	2015-16	1.00
116	Mrs. P.V. Sudha	OU – TEQIP-II	Implementing energy management using software defined networks for cloud enviornment	2015-16	1.00

117	Mrs. S. V. S. N. D. L. Prasanna	OU – TEQIP-II	Seed Money, TEQIP-II	2015-16	1.00
118	Mrs. T. Nagaveni	OU – TEQIP-II	Processing & characteristation of porous Zirconia ceramics by gel casting	2015-16	1.00
119	Prof. M. Gopal Naik	OU – TEQIP-II	Surface Flow Measurement using PIV Techniques	2015-16	5.00
120	Prof. M. Gopal Naik	OU – TEQIP-II	Unban Watershed Rainfall-Runoff Modeling using Geospatial Techniques	2015-16	15.55
121	Prof. M. Kumar	OU – TEQIP-II	Identification of Block spots and Accident analysis Using GIS and GPS technology	2015-16	0.40
122	Prof. Sriram Venkatesh	OU – TEQIP-II	An approach to mimimise build errors and improve quality of prototypes in SLS additive manufacturing	2015-16	1.00
123	Prof. V. Bhikshma	OU – TEQIP-II	Seed Money, TEQIP-II	2015-16	1.00
124	Dr. H. Surekha Rani	OU – UGC – CPEPA	Bioprospecting of Certain Important Medicinal Plants For Health Care	2012-13	6.35
125	Dr. Smita C. Pawar	OU – UGC – CPEPA	Evaluation of Genotoxic potential of medicinal plant compounds in invitro and invivo test systems	2012-13	2.75
126	Prof. Anupalli Roja Rani	OU – UGC – CPEPA	Enhancement of Bioactive Compounds in Hairy Root Cultures of *Andrographis paniculata, Coleus forskohlii and Hemidesmus indicus*	2012-13	3.80
127	Dr. Smita C. Pawar	OU – UPE – FAR	Role of calcineurin in Angiogenesis: Cervical cancer	2014-15	2.50
128	Dr. B. Bhima	OU – UPE – FAR	Development of Xylose utilizing recombinant yeast for Bioethanol production	2013-18	45.00
129	Dr. C. Srinivasulu	OU – UPE – FAR	Hyperthermia studies for cancer	2013-17	10.00
130	Dr. C. Srinivasulu	OU – UPE – FAR	Influence of heteroscorpine-1 toxin on cardiac and breast cancer cell line	2013-17	28.00
131	Dr. M. Srinivas	OU – UPE – FAR	Synthesis and Luminescence studies on Lanthanide ions doped inorganic Nano-Phosphors	2014-15	0.50
132	Dr. Md. Shareefuddin	OU – UPE – FAR	Alkli and Alkaline Earth Oxide Glasses Doped with Rare Earth Elements for Laser Hosts	2014-15	5.00

133	K. Kirana	OU – UPE – FAR	Synthesis, characterization and optimization of multifunctionality of Ferroelectric ABO_3 perovskite materials	2014-15	0.50
134	Mr. M. Venkateswara Rao	OU – UPE – FAR	Hyperthermia application of nano materials for cancer therapy	2013-18	20.00
135	Prof. (Mrs.) B. Prathibha Devi	OU – UPE – FAR	Study of antidiabetic potential of some alkaloids of T: *Cordifolia*	2013-16	15.00
136	Prof. A. Sadananda Chary	OU – UPE – FAR	Role of Nano-Dispersoids in Nitrate Based Solid Electrolyte Systems	2014-15	0.50
137	Prof. Anupalli Roja Rani	OU – UPE – FAR	Study of Scorpion venom on diabetes cell lines for specific genes	2014-15	0.50
138	Prof. B. Appa Rao	OU – UPE – FAR	Preparation & Characterisation of fort ion in conduct glassy Materials for …… Applications	2014-15	0.50
139	Prof. C. Vishnuvardhan Reddy	OU – UPE – FAR	Synthesis, Characterisation and Application of Energy and Environmental Materials	2014-15	2.00
140	Prof. D. Suresh Babu	OU – UPE – FAR	Synthesis, Characterisation and application of Energy and Environmental Materials	2012-13	2.00
141	Prof. G. Bhikshamaiah	OU – UPE – FAR	Dielctric studies of some double Perovskite	2014-15	0.50
142	Prof. G. Prasad	OU – UPE – FAR	Microbial, Keratinase, Nano Materials interaction for poultry waste Management	2014-15	2.00
143	Prof. Gopal Reddy	OU – UPE – FAR	Keratinase…	2013-18	45.00
144	Prof. K. Karuna Sagar	OU – UPE – FAR	Studies on the Imaging characteristics of Apodised Optical Systems	2014-15	0.50
145	Prof. K. Pratap Reddy	OU – UPE – FAR	Development of transgenic onions (*Alium cepa)* as a neutraceutical	2013-17	6.00
146	Prof. K. Pratap Reddy	OU – UPE – FAR	Isolation, characterization and testing of efficacy of magnoflorine as aldose reductase inhibitor for treatment of diabetes	2013-17	6.00
147	Prof. K. Pratap Reddy	OU – UPE – FAR	Synthesis of novel heterocyclic drug potential as wound healing agents	2013-17	6.00
148	Prof. M. V. Ramana Reddy	OU – UPE – FAR	Synthesis and Characterisation of Transparent conducting Oxide Thin films for Solar Energy Applications	2014-15	0.50

149	Prof. M. Vithal	OU – UPE – FAR	Preparation, characterization, photocatalytic and biological studies of metal complexes, pyrochlores and fast ionic conductors	2013-17	16.00
150	Prof. Pratibha Nallari	OU – UPE – FAR	5 Interdisciplinary projects	2012-13	30.00
151	Prof. R. Sayanna	OU – UPE – FAR	Preparation and Physical Characterisation of Metal Oxide Based Core / Shell Nanostructures of Photovoltaic	2014-15	0.50
152	Prof. S. Seeta Ram Rao	OU – UPE – FAR	Materials for Health care Applications	2013-16	15.00
153	Prof. Shivaraj	OU – UPE – FAR	Synthesis, Charaterization, Antimicrobial activity, DNA cleavage and Crystal studies of mixed ligand Copper (II) Complexes of Isoxazole Schiff Base and heterocyclic compounds	2013-14	15.00
154	Prof. K. Pratap Reddy	UGC – BSR One Time Grant	Studies on neurodegeneration	2014-15	7.00
155	Dr. A. Sandhya	UGC – Major Research Project	Molecular Analysis Of Genes that Mediate PIK3 Pathway In Chronic Myeloid Leukemia	2015-16	14.29
156	Dr. B. Bhima	UGC – Major Research Project	Studies for Development of Probiotic Lactic Acid Bacteria with Non Transferable Antibiotic Resistant Genes	2012-13	11.16
157	Dr. B. Reddya Naik	UGC – Major Research Project	Evaluation of Ethno medicinal Plant Products for Mosquito Repellency and Larvicidal Activities: Practiced by Folklore and Ethnic Tribes in Telangana Region of Andhra Pradesh	2011-12	9.40
158	Dr. B. Sudhakar Reddy	UGC – Major Research Project	Women Empowerment and NGO's - A Case Study of selected rural development programmes in Andhra Pradesh	2014-15	4.80
159	Dr. E. Purushotham	UGC – Major Research Project	Urban Poor and the Swarna Jayanti Sharari Rozgar Yojana: A study of Migrated Tribes in Urban Areas of Andhra Pradesh	2014-15	4.10
160	Dr. G. B. Reddy	UGC – Major Research Project	The RTI Act-2005 – A Study of its implementation in select Public Authorities in the State of Andhra Pradesh	2015-16	2.84

161	Dr. G. Naresh Reddy	UGC – Major Research Project	Fraudulent Financial Practices and Investor Protection in the Indian Capital Market	2015-16	6.00
162	Dr. G. UdayaLaxmi	UGC – Major Research Project	Startup Grant	2014-15	6.00
163	Dr. H. Surekha Rani	UGC – Major Research Project	Pharmacogenetic response to statins in Atherosclerosis	2013-14	13.84
164	Dr. Hameeda Bee	UGC – Major Research Project	Quorum Sensing: Signalling and cross Communication in biocontrol bacteria & Aspergillus Flavus	2013-14	10.99
165	Dr. I. Daisy	UGC – Major Research Project	Consumption Patterns of Households by Income – An Empirical Study in Andhra Pradesh	2014-15	2.44
166	Dr. Jayanth Chapla (Retd.) & Dr. P. Kamalakar	UGC – Major Research Project	Studies on biodiversity of Algae, conservation and impact of Physics- Chemical Factors of two fresh water polluted waterbodies of Hyderabad	2013-14	14.00
167	Dr. Karuna Rupala	UGC – Major Research Project	Immunoanalytical Detection and Validation of Transgenic Cry 1 Ac Protein, as a Measure of Food Safety	2011-12	10.15
168	Dr. L. Siva Rama Krishna	UGC – Major Research Project	Assessment of Dimensional accuracy of Facial (Zygomatic) bone fractures reduction using Additive manufacturing	2016-17	5.00
169	Dr. Laxminarayana	UGC – Major Research Project	Automatic Speech recognition (ASR) over VOIP and Sireless Networks	2012-13	11.33
170	Dr. M. Savithri	UGC – Major Research Project	Self-Help Groups – A Helping Hand for Women Empowerment: A Case Study of Telangana Region of Andhra Pradesh	2014-15	4.10
171	Dr. M. Srinivas	UGC – Major Research Project	Petrological and Geochemical studies on quartz syentite intrusive at Marandhalli, Dharmapuri District, Tamilnadu, India	2012-13	11.98
172	Dr. M. Vijjulatha	UGC – Major Research Project	Combining Multiple receptor conformation docking and 3D QSAR protocols for identification and design of Novel *Cycloguanil*derivatives as	2013-14	9.19

			Plasmodium falciparum DHFR inhibitors.		
173	Dr. N. Ch. Bhatra Charyulu	UGC – Major Research Project	Reduction of Dimensionality in Response Surface Design Model-Bayesian Approach	2013-14	9.09
174	Dr. P. Chandra Shekar	UGC – Major Research Project	GNSS Software receivers: baseband processing with FPGA	2012-13	13.63
175	Dr. P. Nagaraja Rao	UGC – Major Research Project	Identification and Characterization of propheral oxidose and lysozyme Achaea Janata	2013-14	12.44
176	Dr. P. Satish Kumar	UGC – Major Research Project	Investigation, Implementation & Performance Evaluation of Cascaded Multi level Inverter using SVPWM algorithm	2013-14	8.49
177	Dr. P. Varija Rani	UGC – Major Research Project	Study of Mahabharatha with Feministic Approach	2015-16	0.75
178	Dr. Smita C. Pawar	UGC – Major Research Project	Gene Polymorphism Studies of Breast Cancer Candidate genes: CHEK2 and Maspin, funded by UGC-CAS	2012-13	2.50
179	Dr. Sri Ram Mukapati	UGC – Major Research Project	Tribal Woman and Inclusive Growth: Impact of socio-economic, political policies and Programmes- A Study of Andhra Pradesh	2011-12	4.99
180	Mr. E. Madhusudan Raju	UGC – Major Research Project	Development of EEG based Human Machine Interface for the control of 2 dof robot with Joint Flexibility	2016-17	4.50
181	Mr. L. K. Suresh Kumar	UGC – Major Research Project	Security in mobile ad-hoc networks	2014-15	3.80
182	Prof. A. Krishnaiah	UGC – Major Research Project	Production of ultra fine grained copper tools by equal channels angular extrusion for Micro-Machining	2013-14	8.10
183	Prof. A. Narsing Rao	UGC – Major Research Project	Regional Environmental Assessment (REA)of Granite Mining with Special Emphasis on land degradation in Khammam & Karimnagar Districts of Andhra Pradesh	2013-14	10.77

184	Prof. A. Satyanarayana (Retd.)	UGC – Major Research Project	Migration of Telugus to South-East Asia, 1871-1982	2015-16	6.82
185	Prof. A. V. Shashikala	UGC – Major Research Project	Geographic Study of impact of climate change on Agricultural Productivity in Andhra Pradesh	2012-13	9.45
186	Prof. Arjun Rao	UGC – Major Research Project	Information and Communication Technologies (ICT) penetration and tribal Life: A comparative study of Andhra Pradesh and Tamilnadu.	2012-13	5.55
187	Prof. B. Appa Rao	UGC – Major Research Project	Development of new silver barred fort ion conducting glassy materials by solid state battery applications	2011-14	9.92
188	Prof. B. Prathibha Devi	UGC – Major Research Project	Molecular and Biochemical Characterization of Helianthus Tuberous L. and its conservation through Micropropogation	2012-13	14.64
189	Prof. Balaswamy	UGC – Major Research Project	Media and Dalits in India: Representation and Presentation	2012-13	6.19
190	Prof. C. Vishnuvardhan Reddy	UGC – Major Research Project	Magneto transport properties of microwave sintered double layered CMR Magnetites	2013-16	14.15
191	Prof. Ch. Sarala Devi	UGC – Major Research Project	Interaction of Metal ions with Camptothecin derivatives and Luotonin A; Inhibitory Activity on Topoisomerases I & II and DNA Relaxation Assay Studies	2012-14	9.85
192	Prof. D. Ashok	UGC – Major Research Project	Synthesis of a new class of bis-heterocyclic compounds using evaluation of their anti-cancer activity	2015-16	10.43
193	Prof. D. Manohar Rao	UGC – Major Research Project	Isolation and Expression of Drought Tolerant Genes in Groundnut (Arachis Hypogae L.)	2012-13	8.55
194	Prof. D. Ravinder	UGC – Major Research Project	Electrical Properties of Nano-Ferrites	2012-13	9.75
195	Prof. D. Suresh Babu & Prof. P. Yadagiri Reddy	UGC – Major Research Project	Low temperature & High field Mossbauer studies in bulk and nanosized CMR magnetites	2012-13	11.87

196	Prof. G. Prasad	UGC – Major Research Project	Synthesis and characterization of graded ferroelectrics	2012-13	11.00
197	Prof. G. Prasad	UGC – Major Research Project	Synthesis and Characterization of Multifunctional Perovskite Composite Ferroelectric Materials	2012-13	11.52
198	Prof. G. Ramakrishna	UGC – Major Research Project	Micro Impact of Macro Policies: A Study of Globalisation on Regional Economies and Sample Households in India	2014-15	4.10
199	Prof. Geeta Reddy Anant	UGC – Major Research Project	Liveable cities: Existing realties & Planning ditemmas of Indian Ocean Countries	2013-14	9.45
200	Prof. Gopal Reddy	UGC – Major Research Project	Production of Kertainolytic protease by Microbial fermentation	2012-13	10.07
201	Prof. K. Pratap Reddy	UGC – Major Research Project	An enquiry into households savings in Andhra Pradesh with special reference to financial savings	2013-14	6.38
202	Prof. M. Narsimhulu (Retd.)	UGC – Major Research Project	Regional Disparities in Andhra Pradesh- Causes, Consequences and Solutions.	2012-13	5.85
203	Prof. M. V. Ramana Reddy	UGC – Major Research Project	Effect of grain morphology on optical, electrical and dielectric properties of metal oxide thin films	2012-13	11.83
204	Prof. P. Nagaraja Rao	UGC – Major Research Project	Identification and characterization of Prophenol Oxidase and Lysozyme expressed as an immune response to bacterial challenges in Castor Semilooper *Achaea janata* (Linnaeus) (Lepidoptera: Noctuidae)	2012-13	12.00
205	Prof. P. Rabindra Reddy	UGC – Major Research Project	Design, Synthesis and Characterization of New Metallonucleases and Investigation of their DNA Binding and Cleavage Properties	2012-13	12.84
206	Prof. P. Vellangiri	UGC – Major Research Project	Sangha Thamizh sorkalin Nunporul Vilakkam	2012-13	2.05
207	Prof. Ramulu	UGC – Major	Acquiring and Editing of the works Bellmkonda Rama Raya	2012-13	7.68

		Research Project	Kavi		
208	Prof. S. Ramachandram	UGC – Major Research Project	Building an adaptive resource provisioning framework for applications with multiple constraints in Cloud environments	2013-16	6.04
209	Prof. S. V. Satyanarayana	UGC – Major Research Project	Progressive Literary Movement in Telugu: Evolution & Historical Documentation	2012-13	7.85
210	Prof. Sy. Anwar	UGC – Major Research Project	Invitro testing of the efficacy (individually and in Combination) of different solvent extracts isolated from Astro herbs/medicinal plants against synthetic gp-120-CD4 interaction and HIV-I-RT	2013-14	11.84
211	Prof. V. Sudharshan	UGC – Major Research Project	Delineation of High Fluoride Bearing Groundwater Zones by Hydrogeochemical Investigations in Gangadhara and Adjoining Areas of Karimnagar District, Andra Pradesh	2012-13	10.91
213	Prof. V. Suguna	UGC – Major Research Project	Economic Reforms and Rural Non-Farm Sector – A Regional Analysis of Andhra Pradesh	2013-14	4.47
214	Prof. Vijaya Bhole	UGC – Major Research Project	Digital Mapping forhealth care delivery system and prevalance of Dusesed in Hyderabad- A Study in Medical Geography	2012-13	6.32
215	Prof. Y. Vaikuntam	UGC – Major Research Project	Mineral Resources, Development and Hyderabad State (1853-1948).	2012-13	7.59
216	Dr. C. Srinivasulu	UGC – UKIERI	Status, taxonomy and conservation of bats in the Andaman islands, India-building bridges between scientific knowledge and community participation for conservation.	2014-15	21.80
217	Dr. B. Kiran Kumar	UGC– BSR – Startup Grant	In vitro regeneration studies in Indian flax cultivars (Linum usitatissimum L.) and their molecular characterization using molecular markers	2014-15	6.00
218	Dr. J. Rukmini	UGC– BSR – Startup Grant	Ateroseismic studies of stars in binary systems from space and found based observations	2015-16	6.00

219	Dr. K. Chenna Reddy	UGC–BSR – Startup Grant	Meteor Observation with the Gadanki MST Radar and determination of important meteor and atmospheric parametrs	2014-15	6.00
220	Dr. K. Shiva Kumar	UGC–BSR – Startup Grant	Palladium mediated reactions: Synthesis of novel heterocyclic compounds of potential pharmacological interest.	2015-16	6.00
221	Dr. Kandulapati Sriram	UGC–BSR – Startup Grant	Optical Studies of contact binaries using kepler satellite data	2014-15	6.00
222	Dr. Raju J. Reddy	UGC–BSR – Startup Grant	Thiolation of heteroaromatics via C-H activation	2015-16	6.00
223	Prof. J. Narasimha Rao	UGC Minor Res Project	Impact and Socio Economic analysis of Urban SHGs in Hyderabad area of Telangana State	2015-16	3.00
224	Dr. M. Ramulu	UGC Minor Research Project	Role of Regulated Markets in Promotion of Welfare of Cotton Farmers in Telangana	2014-15	1.50
225	Prof. V. Sudarshan	UGC-MRP	Delineation of high Fluoride bearing groundwater zones by Hydrogeochemical investigations in Gangadhara and adjoining areas of Karimnagar district, A.P	2011-14	12.00
226	Prof. K. Venkateswara Rao	DBT	Functional Characterization of genetic and epigenetic regulatory networks involved in the reproductive development in rice	2015-16	100.18
227	Prof. K. Venkateswara Rao	DBT	Identification of candidate genes for enhanced water use efficiency in rice through activation tagging	2014-15	67.58
228	Prof. Charu Chandra Giri	OU – UGC – CPEPA	Bioprospecting of certain important medicinal plants for health care	2015-17	25.00
229	Prof. Giri Charu Chandra	OU – UGC – CPEPA	Bioprospecting of certain important medicinal plants for health care	2014-15	25.00
230	Prof. Giri Charu Chandra	OU – DST – PURSE	Bioprospecting in certain medicinal plants for production of novel pharmaceutical compounds using biotechnological approaches	2014-15	8.50
231	Dr. Rama Krishna Kancha	DST	Functional analysis of HSP90 chaperone machinery and creation of novel pre-clinical models to test	2016-17	49.95

			the efficacy of HSP90 inhibitors		
232	Dr. Rama Krishna Kancha	UGC-MRP	Screening of anti-cancer therapeutics	2015-16	6.00
Total Ongoing Projects amount Rs. in Lakhs					**2989.93**

3.2.4 Does the university have any projects sponsored by the industry / corporate houses? If yes, give details such as the name of the project, funding agency and grants received.

Yes.

S.No.	Name of the Company	Department	Amount (Rs. in Lakhs)
1	Hetero Drugs Pvt Ltd	Chemistry	30.96
2	Swarna Bharat Biotechnics Pvt Ltd	CPMB	139.35
3	Vistar Infra Projects Pvt Ltd	Microbiology	7.50
4	Bharat Petroleum Corp Ltd	Microbiology	42.88
5	AMD, Govt. of India	Geophysics	5.50
6	VOPL	Microbiology	4.00
Total			230.19

3.2.5 How many departments of the university have been recognized for their research activities by national / international agencies (UGC-SAP, CAS; Department with Potential for Excellence; DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.

UGC-SAP

S.No	Department	Programme	Grant (Rs. in Lakhs)	Thrust Area
1	English	DRS – I (2009-14)	41.50	New Orientations New Technologies in English Teaching
		DRS – II (2015-20)	95.00	Language Technologies - Cultural Studies / Translations

2	Arabic	DRS – I (2007-12)	38.00	Translation & Interpret Preparation study material of high quality from UG & PG level study of Arabic
		DRS – II (2013-18)	50.00	Indo Arab Literature, Translation
3	Biochemistry	DRS – II (2008-13)	47.50	Molecular Biology & Stress Response
		DRS – III (2014-19)	150.00	Molecular Biology & Stress Response
4	Botany	DSA – III (2007-12)	69.00	Microbial diversity and Plant System Biology
5	Chemistry	DRS – III (2006-11)	25.40	Natural Products as drugs,Nano materials and Bionic chemistry
		DSA – I (2011-16)	40.00	Natural Product Chemistry
6	Commerce & Management	DRS – II (2008-13)	53.50	Banking and Finance Marketing
		DRS - III (2014-19)	120.00	Accounting & Finance
7	Communication & Journalism	ASIHSS (2005-10)	32.50	Video Production e-Journalism and Advertising
8	Geography	ASIST (2005-10)	59.25	Geoinformatics including GIS, Remote Sensing and GPS
		DSA – V (2007-12)	59.05	Urban dynamics and Environmental change (Hyderabad Metropolitan Region)
9	Geology	DRS – I (2012-17)	66.00	Tectonics and Sedimentation, ground water evaluation and environmental study, all using of remote sensing and GIS
10	Geophysics	DSA – I (2004-09)	54.00	Geophysical Exploration Technology
		DSA – II (2009-14)	66.00	Computational Geophysics & Geo-exploration
		DSA - III	149.00	Environmental Magnetism and

		(2015-20)		Mineral Exploration
11	History	DSA – II (2008-13)	37.00	Socioeconomic transformation in Telangana regional change in historical perspective
		DSA-III (2013-18)	53.00	Regions, culture & History in Precolonial Deccan
12	Law	DRS - I	65.00	Health laws-Human Rights-Surrogacy in India-Sociological aspects
13	Mathematics	DRS – III (2007-12)	29.50	Fluid Dynamics
		DSA-I (2013-18)	67.50	Fluid Mechanics
14	Microbiology	DRS – I (2012-17)	58.50	Microbial Biotechnology
15	Physics	DSA – II (2008-13)	73.50	Solid State Physics and Material Science
		DSA I (2002-07)	54.25	
		DSA III (2014-19)	167.00	
16	Psychology	ASIHSS (2006-11)	48.25	Health Psychology, mental and physical wellbeing
		DSA – III (2007-12)	29.50	Inclusive Growth in Agriculture
17	Public Adminis-tration	DRS – I (2009-14)	33.00	Digital Governance De-Centralised Governance with Special reference to leadership issues
		DRS – II (2015-20)	70.00	Governance and Development & Decentralized Governance
18	Sociology	ASIHSS (2006-11)	35.00	Development & Change Studies on contemporary social issues – formers suicides
		DSA – II (2013-18)	52.00	Rural and Tribal Development
		DSA – I (2008-13)	33.00	Rural Urban and Tribal Development

19	Statistics	DRS – I (2011-16)	27.00	Multivariate Data Analysis Neural Networks
20	Zoology	ASIST (2005-10)	39.25	Biodiversity assessment and Conservation
		DRS – III (2008-13)	66.50	Neuro Biology and Physiology including System Biology
		DSA- I (2014-19)	141.00	Neurobiology and System Biology

UGC-CAS

S.No.	Department	Programme	Grant (Rs. in Lakhs)	Thrust Area
1	Genetics	CAS – 1 (2006–11)	80.00	Plant Genetics & Biotechnology
		CAS – II (2012–17)	122.50	Epigenomics
2	Political Science	CAS – I (2007–12	54.00	State Governance and Public Policy
		CAS – II (2013–18)	87.50	
3	Communication & Journalism	CAS – I (2008–13)	55.00	Electronic Media, Web Journalism & Media Research
		CAS – II (2016–17)	183.00	Media Monitoring & Documentation
4	Geography	CAS – I (2013–18)	95.00	Urban Geography, Geinformatics, Development & Regional Planning
5	Botany	CAS – I (2013–18)	200.00	Plant Systems and Microbial diversity

UGC-BSR

S.No.	Department	Period	Grant (Rs. in Lakhs)
1	Microbiology	2013-14	20.00
2	Geology	2013-14	20.00
3	Astronomy	2007-12	80.00
4	Biochemistry	2007-12	60.00
5	Botany	2007-11	80.00
6	Genetics	2007-12	80.00
7	Geophysics	2007-12	80.00
8	Geography	2007-11	110.00
9	Mathematics	2007-12	60.00
10	Physics	2007-11	80.00
11	Zoology	2007-12	60.00
12	Civil Engineering	2008-11	30.00
13	Electrical Engineering	2008-12	30.00
14	Mechanical Engineering	2007-12	50.00
15	Chemistry	2008-12	70.00
16	Statistics	2008-11	30.00
17	Applied Geochemistry	2008-11	30.00

DST-FIST

Department		Programme	Period	Grant Rs. In Lakhs
1	Physics	LEVEL - I	2009-14	210.00
			2001-06	18.00
2	Chemistry		2007-12	84.00
		LEVEL - I	2012-17	70.00
3	Genetics	LEVEL - I	2012-17	96.50
			2003-08	35.00

4	Biochemistry	LEVEL - I	2008-13	84.00
5	Botany		2003-08	33.00
		LEVEL - I	2014-19	85.50
6	Astronomy		2003-08	7.00
7	Geology		2004-09	51.00
8	Applied Geochemistry		2004-09	28.00
9	Geophysics		2004-09	77.00
10	Statistics		2005-10	13.90
11	Geography		2005-10	32.00
	Geography	LEVEL - I	2013-17	46.00
12	Electronics and Communication Engineering		2007-12	95.00
13	Zoology	LEVEL - I	2014-19	55.00
14	Microbiology			35.00

DST

Department	Programme	Grant
Physics	P.G. Teaching Programme M.Sc Nano Science	187.68
Institutional programme for Science and Engineering departments	Promotion of University Research & Scientific Excellence (PURSE)	9.00

UGC-CPEPA

Department	Programme	Grant Rs. In Lakhs
Life Science Departments	Bioprospecting of Medicinal Plants for Healthcare	280.00

TEQIP

Department	Programme	Grant Rs. In Lakhs
University College of Engineering, OU	TEQIP - II	1250.00

University College of Engineering, OU	TEQIP - II Additional grant for well Performing Institute	500.00
University College of Technology, OU	TEQIP - II	1250.00
University College of Technology, OU	TEQIP - Centre of Excellence	500.00

DBT

Department	Programme	Grants Rs. in Lakhs
Life Science Departments	Interdisciplinary School of Life Science for Advanced Research and Education (ISLARE)	1350.70

3.2.6 List details of

a. research projects completed and grants received during the last five years (funded by National/International agencies).

S.No.	Name of the PI	Title of the Project	Funding Agency	Grant (Rs.)	Year of Comple-tion
1	Prof. A. Roja Rani	Genetic transformation and evaluation of Peanut (*Arachis hypogaea* L.) for drought and salt tolerance using *NHX1* gene	UGC – Major Research Project	8.94	2010-11
2	Prof. P. Venugopal Reddy	Spintronic materials	DRDO	27	2010-11
3	Prof. G. Prasad	Finite element analysis --- platform	DST	11.8	2010-11
4	Prof. Kavita Waghray	Designer foods development using extrusion technology	AICTE – RPS	10	2010-11
5	Prof. P. Rabindra Reddy (Retd)	Cu (II)- Phenanthroline-Dipeptide Complexes Synthesis Characterization and Investigation of their DNA Cleavage Properties	CSIR	15.78	2010-11
6	Dr. R. Pavanaguru (Retd)	Characterization of granitic phases and associated igneous suites to assess their potentiality for uranium mineralization in the northern part of Cuddapah basin	DAE – BRNS	18.58	2010-11

7	Prof. R.S.N. Sastry	Integrated geochemical surveys in the Srisailam formation in Chitrial and Akkavaram areas in Nalgonda and Mahaboobnagar Districts, Andhra Pradesh	DAE – BRNS	17.26	2010-11
8	Prof. S. Ramana Murthy (Retd)	Prototype Development of high performance spinel and garnet ferrites for high power circulator applications	DAE – BRNS	20.4	2010-11
9	Prof. Gopal Reddy	Cost Effective production of Lactic acid for polylactide (PLA) synthesis and studies on PLA application and Biodegradation	DBT	34.9	2010-11
10	Prof. K. Vekateshwar Rao	Identification of candidate genes for enhanced water use efficiency in rice through activation tagging	DBT	67.58	2010-11
11	Dr. C.P. Vardhani	Development of photonic integrated optical devices and components	DRDO	49.56	2010-11
12	Dr. P. Ramesh Babu	Design of Pressure regulating Valve	DRDO	8.00	2010-11
13	Prof. B. Krishna Reddy	Analysis of Demands supply of Flight Instrumentation Packages and Support Documentation	DRDO	7.50	2010-11
14	Prof. S. Ramana Murthy (Retd)	Development of high quality nanostructured magnetic materials for high frequency planar devices and magnetic sensors applications	DRDO	36.74	2010-11
15	Prof. V. Chandra Mouli (Retd)	Studies on Nano-structural changes in TeO2 and Borosilicate Based Giass/Ceramic Materials	DRDO	14.96	2010-11
16	Dr. A. Hindumathi	Interaction between mycorrhiza and rhizosphere microflora of some pulse crops and their effects on plant health and soil quality	DST	13.08	2010-11
17	Dr. D. Gopal Rao (Retd)	Geologic structure, tectonics and origin of the Gulf of Kachchh northwest India	DST	11.62	2010-11
18	Prof. G. Prasad	Finite element analysis of polymer piezoelectric composite materials using parallev virtual machine on linux platform	DST	15.37	2010-11
19	Prof. P. Venugopal	Investigation of spin-lattice coupling among multiferroics	DST	38.76	2010-11

	Reddy (Retd)	manganites via ultrasonic velocity and attenuation studies			
20	Prof. T. Naga Raju	Effect of natural products as aldose reductase inhibitors and their efficacy in delaying diabetix cataract in rodent model	ICMR	14.02	2010-11
21	Dr. B. Srinagesh	Globalization, Climate Change and its impact on Health: Health Mapping of Andhra Pradesh	UGC – Major Research Project	10.00	2010-11
22	Prof. G. Venkat Rajam & Dr. P. Krishna Moorthy	Studies in Ecological History: Environmental Care by the Nizam's Administration 1911-1948.	UGC – Major Research Project	6.33	2010-12
23	Dr. G. Anjaiah	Trade and Commerce in Andhra Desa (1300-1687 A.D.).	UGC – Minor Research Project	1.25	2010-12
24	Prof. S. Satyanarayana	Amino acid-metal complexes…….....action in yeast and animals	DBT	16.6	2010-13
25	Prof. A. Krishnaiah	MODROBS Project for upgradation of Production Lab	AICTE	8.00	2010-13
26	Mr. N. V. Prasad	Electrical studies on novel ferroelectric materials for memory applications	DST	15.00	2010-13
27	Prof. S. Satyanarayana	DNA boinding and photocleavage……Co and Ru complexes	UGC – Major Research Project	9.60	2011-12
28	Prof. S. Ramana Murthy	Prototype Development of high performance spinel or garnet materials for circulator applications	DAE – BRNS	27.12	2011-12
29	Prof. S. Ramana Murthy	Development of high quality nanostructured magnetic materials for high frequency planar devices for magnetic sensor applications	DRDO	36.74	2011-12
30	Prof. Pratibha Nallari	Matrix Metalloproteinases in Risk prediction of CAD	UGC – Major Research Project	8.00	2011-12
31	Prof. S. Satyanarayana	DNA boinding and photocleavage……Co and Ru complexes	UGC_MRP	9.60	2011-12
32	Prof. S.	Demographic Studies of Sherpalle area, the proposed site	DAE –	29.90	2011-12

	Padmaja	for uranium processing site in Nalgonda District (AP)	BRNS		
33	Prof. K. Venugopal Reddy (Retd)	Demographic survey of the area around Lambapur-peddagattu uranium mining sites in Nalgonda District, Andhra Pradesh	DAE – BRNS	29.94	2011-12
34	Prof. C. Beena	Analysis of positioning errors in GPS ground control surveys from cognitive psychology perspective-An intervention to reduce such errors and improve accuracy	ISRO	7.53	2011-12
35	Prof. K.Satyanarayana	Prilimivary modelling of peudolite based tracking system errors and optimization of its configuration	OU - NERTU	9.50	2011-12
36	Prof. Sunanda Pandey	Socio-Economic Conditions of Oustees – A Study of Kudgi NTPC Thermal Power Project, Karnataka	NTPC	8.00	2011-12
37	Dr. A. Roja Rani	Genetic transformation and evaluation of peanut(Arachies hypogaeal) for drought & salt tolerance using NHX1 gene	UGC – Major Research Project	8.59	2011-12
38	Dr. A. Sabita Rani	Invitro conservation and higher frequency plant regeneration from different plants of embelirides - a threatened medicinal plant of India	UGC – Major Research Project	7.94	2011-12
39	Dr. C. C. Giri	Bioprospecting in andrographin paniculata using methy jasmonte (MJ) elicited invitro transformedculture	UGC – Major Research Project	6.37	2011-12
40	Dr. D. Lalith Kumar	Application of Technological Innovations in PoliceAdministration: A case study of A.P.	UGC – Major Research Project	3.68	2011-12
41	Dr. H Surekha Rani	Matrix metalo proteinases in risk prediction of coronary heart diseases	UGC – Major Research Project	9.17	2011-12
42	Dr. M Pratap Rudra	Detaxication of B - oxalyn - AB - Diamino protianicAcid (ODAP) in humans- The couse for low incidence of nero lathysism	UGC – Major Research Project	11.29	2011-12
43	Dr. Padmaja Shaw	Women in politics: Media potrayal and public perception	UGC – Major Research	5.08	2011-12

			Project		
44	Dr. Parveen Jahan	Analysis of Genetic variants related to immuno regulation and cyto kines in pre- eclamsia patients	UGC – Major Research Project	10.67	2011-12
45	Dr. T. Naga Raju	Influence of indole amino 2:3 dioxygenase in vertical tissue and development of bio acting natural inhibition from medical plants for their anti cataraction potential	UGC – Major Research Project	6.578	2011-12
46	Dr. V. Kamalamma (Retd)	Social consciousness in Kannada Rachana & Dasa literature	UGC – Major Research Project	5.018	2011-12
47	Prof. A.V. Shashikala	Geographic Study of Impact of climate change on Agricultural Productivity in AP 2012	UGC – Major Research Project	9.44	2011-12
48	Prof. D. Vasanta	Spatial semantic knowledge	UGC – Major Research Project	13.5	2011-12
49	Prof. G. Gopal Reddy (Retd)	Institutional policy options for sustainable Agricultural Develop under diffieral sources of irrigation - A case study of Andhra Pradesh	UGC – Major Research Project	6.17	2011-12
50	Prof. M. Narsimhulu (Retd)	Role of central transfers to states in bridging the inter state disparities in the level of development in India in the context of globalization	UGC – Major Research Project	6.56	2011-12
51	Prof. N Gopal (Retd)	Philosphical analysis of Vemanas Poetry	UGC – Major Research Project	4.60	2011-12
52	Prof. P. Manikyamba (Retd)	Stree Vimarsh Bharatiya Navagagaram: Hindi aur Telugu sahitya kesamdarbh mein (Indian renaisaneeand women studies with special reference to Hindiand Telugu Literatures	UGC – Major Research Project	5.91	2011-12
53	Prof. S.V. Satyanarayana	Modern and post modern Telugu poetry	UGC – Major Research Project	4.39	2011-12
54	Prof. Shobha Deshmukh	Samakaleen Bharatiya Natakatil stree pupe (Marathi, Telugu, Kannada, Hindi Bengali)	UGC – Major Research	1.82	2011-12

			Project		
55	Prof. T. Naga Raju	Regulation of IDO gene and association of its polymorphism in the causation of cataract and use of natural inhibitors from marine sponges as anticataractous agents	DBT	12.00	2011-12
56	Prof. G. Laxmaiah	Technological Change and Women Labour Utilisation in Agriculture: A Study of Andhra Pradesh	UGC – Major Research Project	3.85	2011-12
57	Prof. K. Sai Haragopal	Special Economic Zones in Andhra Pradesh – Problems and Prospects	UGC – Major Research Project	8.31	2011-12
58	Prof. M. Narasimhulu	Role of central transfers to states in bridging the inter state disparities in the level of development in India in the context of globalization	UGC – Major Research Project	6.34	2011-12
59	Prof. Pratibha Nallari	Epidemiological, Immunological and Genetic studies in Lymphatic Filariasis	ICMR	26.83	2012-13
60	Prof. Pratibha Nallari	Acute Lymphocytis Leukamias	UGC – Major Research Project	10.98	2012-13
61	Prof. Pratibha Nallari	Role of matrix mettalloproteinases and inflammatory markers chronic pancreatitis	UGC – Major Research Project	10.42	2012-13
62	Prof. Pratibha Nallari	Genetic and Molecular Studies in Uterine Fibroids	UGC – Major Research Project	10.94	2012-13
63	Prof. Sumita Roy	Pragmatics of Indian philosophic prose in English – a soft skill orientation	UGC – Major Research Project	8.50	2012-13
64	Prof. T. Naga Raju	Influence of Indoleamine-2-3-dioxygenase in lenticular tissue and development of bioactive natural inhibitors from medicinal plants for their anticataractous potential	UGC – Major Research Project	6.40	2012-13
65	Prof. K. Pratap Reddy	Neurodegenaration in developing rat brain with experimental fluorosis - studies on excitotoxicity and microglial activation mechanisms	DBT	41.40	2012-13

66	Prof. T. Naga Raju	Inhibition of Indolamine 2,3-dioxygenase by Cassane Diterpinoids and mechanism of action specificity and significance	DST - PURSE	4.80	2012-13
67	Prof. Gopal Reddy	Perspectives of NS1 antigen detection for early clinical diagnosis of dengue	DRDO	8.00	2012-13
68	Dr. Sandeepta Burgula	Effect of Hypoxia on regulation of PEP I and role of Calpain Activation	UGC – Major Research Project	10.09	2012-13
69	Prof. S. Satyanarayana	Amino Acid metal complexes as model for the glucose tolerance factor of yeast: Hypoglycemic activity and therapeutic potential in diabetes: synthesis structure and mechanisms of action in yeast and animals	DBT	16.63	2012-13
70	Prof. Kalpana Markandey	Estbalishing a Geo- Spatial Science Research and Education Laboratory	DST	20.00	2012-13
71	Dr. Chand Pasha	Efficient utilization of jatropha seed cake by detoxification and recovery of residual hydrocarbon	DST - TIFAC	41.41	2012-13
72	Prof. K. Rudrama Devi	Monitoring of occupationally lead exposed population and studies on recovery with AA supplementation	DRDO - DIPAS	16.98	2012-13
73	Dr. B. Srinagesh	Globalization, Climate Change and its impact on Health: Health Mapping of AP 2010-2013	UGC – Major Research Project	10.00	2012-13
74	Dr. K. Shailaja	Impact of Urbanization on Mangiva Reservoir with special reference to physco-chemical soil, characteristic and Planktonic diversity	UGC – Major Research Project	8.51	2012-13
75	Dr. Neethi Saxena	Contamination of some important spices by fungi and their mycotoxins, also measure to increase the sheif life of spices by plant extracts	UGC – Major Research Project	9.51	2012-13
76	Prof. C. Manohara Chary (Retd.)	Biomonitoring of occupationally exposed Bidi workers to Tobacco dust for genotoxicity	UGC – Major Research Project	12.52	2012-13
77	Prof. K. Prabhakar Rao	Apoptosis in the pathogenesis of human diseases	UGC – Major	15.01	2012-13

			Research Project		
78	Prof. K. Satya Prasad	Endophytic mycoflore of Medicinal Plants	UGC – Major Research Project	7.68	2012-13
79	Prof. M. Vittal	Preparation, Characterization and Photo Catalytic studies of pyrochlore type oxides Composition $A_2B_20_7$	UGC – Major Research Project	9.49	2012-13
80	Prof. Manikya Reddy	Studies on the changing water spread area of Surface water bodies and it Environment impact assessment in greater Hyderabad Municipal Corporation Area	UGC – Major Research Project	8.15	2012-13
81	Prof. Prathibha Nallari	Genetic & Molecular Studies in Uterine Fibroids	UGC – Major Research Project	12.99	2012-13
82	Prof. Shivaraj	DNA binding & Biological studies on Bivalect Transition metal Ternary Complexes of Isoxazole Schiff Balls 2,21-bipyroidy/1, 10 Phenanthrolice	UGC – Major Research Project	10.12	2012-13
83	Prof. Sheela Misra	Hindi Wa Bangle Ke Saltanant Kaleen Sahitya – Itihas Bodh Evam Sanskritik Prisht Bhumi : Tulanatmak Drishti (12 Wi Say 18 We Sadi Tak)	UGC – Major Research Project	4.71	2012-13
84	Prof. Pratibha Nallari	An insight of sudden cardiac deaths due to Long QT syndrome	DBT	25.62	2013-14
85	Dr. Smitha C. Pawar	Epigenetic profiling and in vitro knock down studies of Transcription factor-TFCP2 with siRNA/ShRNA in hepato-cellular carcinoma in human cell lines	UGC – Major Research Project	11.5	2013-14
86	Prof. V. Nithyananda Rao	Visvavidhyalayala loTelugu Parishodhana	UGC – Major Research Project	0.80	2013-14
87	Prof. K. Rudrama Devi	Biomonitoring of occupationally exposed bidi workers to tobacco dust for genotoxicity”	UGC – Major Research Project	8.40	2013-14
88	Prof. B. Reddya Naik	Evaluation of Ethnomedicinal plant products for mosquito repellency and larvicidal	UGC – Major Research	11.79	2013-14

		activities: practiced by folklore and ethnic tribes in Telangana region of Andhra Pradesh	Project		
89	Prof. K. Rudrama Devi	Genetic polymorphisms of VDR receptor genes and SNPs in lead susceptible workers.	CSIR	28.20	2013-14
90	Prof. M. Vithal	Preparation, Characterization, photo catalytic and impedance spectroscopy of nano metal titanates	CSIR, New Delhi	21.98	2013-14
91	Dr. B. Bhima	Studies for….. yeast production	DST - PURSE	7.00	2013-14
92	Dr. Hameeda Bee	Microbial……bioremediation	DST - PURSE	7.00	2013-14
93	Dr. Sandeepta Burgula	Proteome analysis ….. sepsis patients	DST - PURSE	5.00	2013-14
94	Prof. Gopal Reddy	Alkaline protease….substrates Process for production of stevioside bioconjugates	DST - PURSE	6.00	2013-14
95	Prof. L.Venkateshwar Rao	Bioethanol production with chilly plant stalks using thermotolerant *Saccharomyces cerevisiae*.	DST - PURSE	6.00	2013-14
96	Prof. P. Ushasri	Computational analysis of grooved casing in a centrifugal compressor	DST - RPS	10.00	2013-14
97	Mr. G Narendar	Structural and Mechanical Properties of Composite materials	DST - PURSE	3.67	2013-14
98	Prof. A. Krishnaiah	Investigation on Natural Circulation loop with compact heat exchanger using Nano fluid as loop fluid	DST - PURSE	5.60	2013-14
99	Prof. P. Ushasri & Dr. B. Hadya	Development and experimental analysis of window AC system with roll bond condenser	DST - PURSE	5.00	2013-14
100	Prof. K. Pratap Reddy	Protective effects of gingerol against neuroinflammation and excitotoxicity leading to neurodegeneration in hippocampus of rat with fluorosis	DST - PURSE	6.00	2013-14
101	Prof. H. Ramakrishna	Melissopalynological investigation of Agricultural tracts of Adilabad District - A.P.	UGC – Major Research Project	12.00	2013-14
102	Prof. K. Rudrama Devi	Monitoring of bidi workers occupationally exposed to	MoE&F	21.20	2013-14

		tobacco dust			
103	Prof. T. Parthasarathy	Developing of digital Resorcinol of anti fungal agents by molecular modeling studies	UGC – Major Research Project	13.00	2013-14
104	Dr. H. Surekha Rani	Role of Apoptosis in coronary atherosclerosis and response to statins	DST - PURSE	3.67	2013-14
105	Prof. M. Vithal	Design and demonstration of experiments in Chemistry, Physics & Biology for Schools students	APCOST	2.00	2013-14
106	Dr. C. Srinivasulu	Studies on molecular phylogeny of bats (Mammalia: Chiroptera) of Andhra Pradesh based on partial sequences of mitochondrial Cyt b, 12S rRNA genes	DBT	11.73	2013-14
107	Prof. Gopal Reddy	Process for Production of Stevioside Bio-Conjugates	DBT	13.69	2013-14
108	Prof. Pratibha Nallari	Genetic insights of sudden cardiac death due to long QT Syndrome	DBT	25.62	2013-14
109	Prof. Fatima Begum	Critical Study of Fathe Nama Nizam Shahs	Deccan Research Center, Pune	1.00	2013-14
110	Prof. A.D. Sharma	Preliminary modeling of Pseudolite based Tracking System Errors and Optimization of its Configuration	DRDO	9.50	2013-14
111	Dr. N.V. Prasad	Electrical studies on novel ferroelectric materials for memory applications	DST	21.43	2013-14
112	Prof. A.D. Sharma	Investigation of Atmospheric Effects on Future Ground Based Augmentation for GPS System	DST	30.33	2013-14
113	Dr. Praveen Jahan	Genetic evaluation and clinical significance of Nphs2 Mutations in Indians with Nephrotic Syndrome	ICMR	7.68	2013-14
114	Prof. A.D. Sharma	Investigation of statistical behavior of ionosphere over the Indian region using GNSS date of navigation application applications	ISRO	8.88	2013-14
115	Prof. K. Rudrama Devi	Role of antioxidant enzymes in oral cancer patients with	OU – DBT –	5.00	2013-14

		tobacco exposure	ISLARE		
116	Dr. K.Sai Haragopal	Special Economic zones in Andhra Pradesh problems and prospects	UGC – Major Research Project	7.88	2013-14
117	Dr. Karunakar Reddy	Somaclonal variation Studies in Gloriosa Superba	UGC – Major Research Project	7.51	2013-14
118	Dr. N.J. Pramila Subhasini	DNA Binding and Biological Studies on Schiff's bases derived from carbohydrate aldehydes and substituted anilines and their Bivalent Transition Metal Complexes	UGC – Major Research Project	5.00	2013-14
119	Dr. Nanumasa Swamy	Tribal Folk forms mythical Tales in oral Tradition	UGC – Major Research Project	5.98	2013-14
120	Dr. Smitha C. Pawar	Epigenetic Profiling and In Vitro Knock Down Studies of Transcription Factor (TFCP2) with siRNA/shRNA in Hepato-cellular Carcinoma in Human Cell Lines	UGC – Major Research Project	10.64	2013-14
121	Prof. B. Appa Rao	Development of New Silver Based fast Ion Conducting Glassy Materials for Solid State Battery Applications	UGC – Major Research Project	9.91	2013-14
122	Prof. B. Bhadraiah	Interaction of Trichoderma spp inhabniting the rhizosphere of green gram with VAM and plant growth promoting rhizobacteria on green gram (Vigna radiata)	UGC – Major Research Project	7.64	2013-14
123	Prof. Durgesh Nandini	Rastriya Navjagram Hindi aur urdu gazal ka Telematkam Aghyam	UGC – Major Research Project	7.14	2013-14
124	Prof. K. Pratap Reddy	Excitotoxicity and Microglia Activation Mechanisms	UGC – Major Research Project	8.49	2013-14
125	Prof. L. Venkateshwar Rao	Bioethanol Production forum, stream exploded cotton stalks with Thermololevant yeast	UGC – Major Research Project	7.90	2013-14
126	Prof. Mrunalini	Awareness: Special Focus on Girl Child	UGC – Major Research Project	6.68	2013-14

127	Prof. Padma Balravi	Isolation of Vacuolar Proton Pyrophoshatase Gene and its Expression in Indica Rice (Oryza Satia L.) for dought Tolerance	UGC – Major Research Project	11.17	2013-14
128	Prof. S. Padmaja	Ecotope mapping of Anthropogenic landscope in the part of Peninsula India	UGC – Major Research Project	5.00	2013-14
129	Prof. S. Sitarama Rao	Effect of Brassinosteroids on Growth and Metabolism of Cajanus Cajan (L) Millisp. Under Alluminium, Toxicity	UGC – Major Research Project	9.99	2013-14
130	Prof. S.S. Singh	Role of Profilin and Phosphoprofilin in Cell Invasion	UGC – Major Research Project	10.36	2013-14
131	Prof. K.L. Vyas (Retd.)	Post Independence Hindi Literature in the Context of Nature and Environment	UGC – Major Research Project	5.66	2013-14
132	Prof. Pradeep Kumar (Retd.)	Parsi Hindi Natak Aur Rangmanch (Parsi Hindi Drama and Theatre)	UGC – Major Research Project	7.01	2013-14
133	Prof. Fatima Begum	Socio Cultural Study of Deccani Poetry with Special reference to the Female Character.	UGC - UPE	0.85	2013-14
134	Dr. N.J. Pramila Subhasini	DNA binding and Bilological studies on Schiff base derived from carbo hydride aldehyde and saturated Aniline	UGC – Major Research Project	12.00	2013-14
135	Dr. Smitha C. Pawar	Gene therapy for tumor angiogenesis: Elucidation of the molecular mechanisms involved in α6 (IV) NCI mediated angioinhibitory signal transduction	DBT	34.00	2014-15
136	Prof. Pratibha Nallari	Molecular Analysis of Dilated Cardiomyopathy	DST - PURSE	6.75	2014-15
137	Dr. N.J. Pramila Subhasini	Metal Based Anti-Microbial Anti-Oxidant DNA binding agents invitro biological evaluation	DST - PURSE	5.00	2014-15
138	Prof. Kavita Waghray	Designer foods development using dehydrated betel leaves powder.	DST – PURSE	4.27	2014-15
139	Prof. A. Krishnaiah	Development of High strength ultra fine grained materials by	AICTE	16.00	2014-15

		Severe Plastic Deformation Processes			
140	Dr. P. Ramesh Babu	Thermo-mechanical behavior of flexi-seal for aerospace applications	RCI	9.50	2014-15
141	Prof. K. Arjun Rao	Information and Communication Technologies (ICT) Penetration and Tribal Life: A Comparative Study of Andhra Pradesh and Tamilnadu	UGC – Major Research Project	5.54	2014-15
142	Prof. (Mrs.) B. Prathibha Devi	In vitro and Biotechnological studies in *H. tuberosus*	UGC – Major Research Project	16.00	2014-15
143	Prof. B. Reddya Naik	Mosquito-borne Disease Surveillance and Molecular Phylogenetics of Mosquito Fauna in (GHMC) Hyderabad	SERB	12.00	2014-15
144	Prof. K.V.Achalapathi	Implication of IFRS on Adoption of Corporate Reporting Practices – An Empirical Investigation	UGC_MRP	12.00	2014-15
145	Prof. K. S.Sudheer Reddy	A study on impact of training under APSSA Teacher Empower	APSSA	3.50	2014-15
146	Dr. B. Reddya Naik	DNA-barcoding of mosquito fauna.	DST - PURSE	1.00	2014-15
147	Prof. S. Simhadri	The other Backward Classes: Exclusion, Empowerment and Modernization	ICSSR	50.00	2014-15
148	Prof. A. Ramakrishna & Dr. J. Lalitha	A Study on implementation of Continuous Comprehensive Evaluation (CCE) in Schools at Primary and Elementary leve	SSA Telangana	3.00	2014-15
149	Prof. T. Mrunalini & Dr. P. Shanker	An assessment study effectiveness of in-service framing program conducted by SSA	SSA Telangana	4.00	2014-15
150	Prof. Pratibha Nallari	Structural and Functional studies of TNNI3 gene variations in HCM	DST	46.31	2015-16
151	Prof. Pratibha Nallari	Structural and Functional studies of TNNI3 gene variations in HCM	DST	46.31	2015-16
152	Dr. M. Srinivas	Petrological & geochemical studies on quontz syenite intrusive at marandahathi, Dharmapur District, T.N.	UGC – Major Research Project	11.98	2015-16

153	Prof. A. Ravindernath	Synthesis and Screening of Novel Imidazolone – Coumarin Derivatives for Potential Anti-Microbial activity that may inhibit E.Coli Gyrase (Topo Isomerase-II) Activity	UGC – Major Research Project	11.51	2015-16
154	Prof. Pratibha Nallari	An insight of sudden cardiac deaths due to Long QT syndrome	DBT	25.62	2015-16
155	Prof. C. Beena	SAKSHAM – OU: A Global fund to fight AIDS, Tuberculosis and Malaria (Round -7) HIV/AIDS Counseling Program	Global Fund	75.62	2015-16
156	Dr. K. Chenna Reddy	Ionospheric Aspects of Meteors by using MST Radar	DST	13.51	2015-16
157	Prof. T. Mrunalini	Awareness sensitivity and practices of teachers on Child Rights: with special focus on girl child.	UGC – Major Research Project	4.20	2015-16
158	Prof. V. S. S. Kumar	Application of Artificial Intelligence Techniques in Civil Engineering	AICTE	10.00	2015-16
159	Prof. G.S. Kumar	Electrical and pezoelectric studies of ferroelectric field effect controlled magnetism in multiferroic lead free strongly correlated oxides.	DST	25.49	2015-16
160	Dr. M. Srinivas	Tailoring of materials for Luminescence emission in UV region with improved quantum efficiencies for RGB	SERB	24.88	2015-16
161	Prof. T. Mrunalini	Quality of Higher Education for internal & External Quality Assurance	NUEPA	4.45	2015-16
162	Prof. Ravande Kishore	Temperature distribution in concrete railway bridges	RDSO, Ministry of Railway	18.50	2015-16
163	Dr. M. Srinivas	Synthesis and Luminescence Studies on Lanthanide ions doped Inorganic Nano-Phosphors	UGC – Major Research Project	10.00	2015-16
164	Prof. K. V. Rao	Functional analysis of gene regulatory net works during flower and seed development in rice	DBT	70.33	2014-15
Total Completed Projects amount Rs. in Lakhs					**12921.24**

b. Inter-institutional collaborative projects and grants received

i) All India collaboration

S. No.	Name of the Investigator	Title of the project	Year	Grant (Rs. in Lakhs)	Collaborator(s)
1	Prof. K. Venugopal Reddy (Retd)	Demographic survey of the area around Lambapur-Peddagattu uranium mining sites in Nalgonda District, Andhra Pradesh	2009-10	29.94	Directorate of Atomic Minerals for Research & Exploration, Govt. of India
2	Prof. S. Padmaja (Retd)	Demographic Studies of Sherpalle area, the proposed site for uranium Processing Plant in Nalgonda district, Andhra Pradesh	2009-10	29.73	Directorate of Atomic Minerals for Research & Exploration, Govt. of India
3	Dr. B. Srinivas,	Geochemical and litho-structural characterization of basement and sediment rocks for delineating potential uranium mineralized zones in the pakhal basin in Andhra Pradesh	2011-12	24.66	Directorate of Atomic Minerals for Research & Exploration, Govt. of India
4	Prof. V. Sudarshan	Hydrogeochemical studies in Kurnool-Narnuru area of Cuddapah basin with special reference to uranium and trace metal speciation modeling	2011-12	24.62	Directorate of Atomic Minerals for Research & Exploration, Govt. of India
5.	Prof. K. Venkateswar Rao	Functional Analysis of gene regulatory networks during flower and seed development in rice.	2009-14	70.69	NIPGR, UDSC-I, IISc, UDSC-II, MKU, DRR, UDSC-III
6.	Prof. K. Venkateswar Rao	Identification of candidate genes for enhanced water use efficiency in rice through activation tagging	2010-15	43.59	Univ of Hyd; Directorate of Rice Research & ANGR Agri Univ.
7.	Prof. R. Pavanaguru	Characterization of granitic phases and associated igneous suites to assess their potentiality for uranium mineralization in the	2008-11	18.58	Directorate of Atomic Minerals for Research &Exploration, Govt. of India

		northern part of Cuddapah basin			
8.	Prof. A. Jyothy	Amelioration of the Severity of β-thalassemia by odifier Genes	2013-16	48.00	Thalassemia Society Foundation, Hyd-funded by DBT
9	Dr. B.Vijaya Lakshmi	Modulation of cisplatin resistance by copper and mitochondria-studies in Yeast	2014-16	6.00	Krishna University, AP,KL University, AP--UGC-start up
10.	Prof. K. V. Rao	Functional Characterization of genetic and epigenetic regulatory networks involved in the reproductive development in rice	2015-16	100.18	IISc, Bangalore, Delhi University, New Delhi, IISER, Trivandram, NCBS, Bangalore
Total grants received with all India Collaboration Rs. in Lakhs					**395.99**

ii) International

S. No.	Investigator	Title	Collaborator	Grants
1	Prof. Pratibha Nallari	Genetic insights of Idiopathic Pulmonary Arterial Hypertension	Glaxo-Smithkline (GSK), UK	USD 17628
2	Dr C. Srinivasulu	Status, taxonomy and conservation of bats in the Andaman islands, India-building bridges between scientific knowledge and community participation for conservation (Funded by UGC – UKIERI)	University of Bristol, UK	21.80 Lakhs
3	Dr C. Srinivasulu	Past, present and future of bats in central and western India – impact and implications of climate change (Funded by DST– UKIERI)	University of Bristol, UK	69.00 Lakhs
Total grants received with International Collaboration Rs. in Lakhs				**102.78**

3.3 Research Facilities

3.3.1 What efforts have been made by the university to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?

University departments are well-equipped in terms of laboratory and library facilities for conduct of research by the faculty and students.

In addition, the following research centers have been created to cater to the specialized requirements.

1. Centre for Plant Molecular Biology
2. Institute of Genetics and Hospital for Genetic Diseases
3. Centre for Biotechnology
4. Centre for Energy Technology
5. Centre for International Programmes
6. Centre for Quantitative Methods
7. Centre for Women's Studies
8. Regional Centre for Urban and Environmental Studies
9. Research & Training Unit for Navigational Electronics
10. Research Development and Consultancy Cell
11. Sir Ronald Ross Institute of Parasitology
12. Centre for Studies in Bioterrorism and Public Health Policy
13. Educational and Multimedia Research Centre
14. Centre for Indian Ocean Studies

To strengthen the research activity, the University has established the Central Facilities for Research and Development with the partial financial assistance from UGC on the campus with 54000 sft built up space.

It houses sophisticated, high-tech instrumental facilities to the faculty, scholars and students, besides undertaking analytical consultancy work of other research institutions/industries.

University has created a separate Boards of Studies for the emerging disciplines – Forensic Science, Environmental Science, etc.

3.3.2 Does the university have an Information Resource Centre to cater to the needs of researchers? If yes, provide details of the facility.

Yes.

A centralized Research, Development and Consultancy Cell (RDCC) was established in 1996. The RDCC coordinates and facilitates all the research and development activities at the University. It also facilitates and administers sponsored and consultancy projects.

The objectives of this centre include:

i. Promoting external cash flow by facilitating consultancy activities.

ii. Encouraging research atmosphere in the University where teachers would be able to obtain extramural grants through research projects,

consultancy and training programmes, etc.

iii. Facilitating extension of infrastructure & technical skills which would enhance the cash flow.

iv. Assisting teachers to file patent applications and obtain patents.

v. Promoting close interaction between University, private and public academia to promote R & D activities through MoUs.

3.3.3 Does the university have a University Science Instrumentation Centre (USIC)? If yes, have the facilities been made available to research scholars? What is the funding allotted to USIC?

Yes.

The Central Facilities for Research and Development has the following equipment:

- NMR Spectrometer
- Ultra Centrifuge
- HPLC, LC-MS
- Liquid Scintillation Counter
- Confocal Microscope
- FTIR Spectrophotometer, etc.

The following are being procured:

- ICP-MS and XRF under DST – PURSE programme.
- Pulsed Laser Deposition, Fuel Cell Characterization Station, X-Ray Photoelectron Spectrometer, Thermography Equipment, and Patch Clamp under the UGC – UPE – FAR programme.

Funding of Rs. 10.00 lakh is allocated for general maintenance.

Analytical studies are done on charge basis for external users.

3.3.4 Does the university provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists (national/international)?

Yes.

- There are 24 hostels (including 5 for women, 1 each for international scholars), providing residential facilities with access to internet.
- 24x7 wi-fi facility is available in all the hostels.
- Research scholars and post-doctoral fellows are exclusively accommodated in five hostels, including one for women.
- Visiting scientists, summer fellows and fellows of other academics are provided with furnished accommodation and internet connectivity in various guest houses of the University.

3.3.5 Does the university have a specialized research centre/ workstation on-campus and off-campus to address the special challenges of research programmes?

Yes.

- The Centre for Quantitative Methods has different scientific software to encourage and inculcate quantitative approach to research in various fields of study. The centre is equipped with scientific software such as SPPS, MINITAB, MATLAB, STATISTICA, MATHEMATICA, GENSTAT, etc.
- The University has established Interdisciplinary School of Life Science for Advanced Research and Education (ISLARE) with DBT funding of Rs. 15.00 crores. The contemporary research and training facilities have been created. The intended outcome of the programme is to carryout advanced research and educational programmes in microbial technology, Translational Disease Biology/Medical Biotechnology and Bioprospecting and Plant Biotechnology fields.
- The Centre for Plant Molecular Biology, one of the specialized research centres, is actively engaged in frontier areas of plant molecular biology dealing with the application of biological tools for genetic engineering of crops.
- The University Computer Centre with workstations and software resources for the computational needs of researchers of the university.

3.3.6 Does the university have centres of national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

Yes.

A. Centre for Plant Molecular Biology

- Established in 1991 with financial assistance from DBT, GoI.
- Works on functional genomics and genetic enhancement of crop plants.
- Facilitates training the scientists of national research institutes and researchers from other Universities in the area molecular biology.
- Collaborations with industry and international institutions for catering to the society.

B. Research and Training Unit for Navigational Electronics

- Established in 1982 with financial assistance from |Dept.of Electronics, GoI with Rs.1.8 Crores.
- The **main objectives** of this unit are
  - Executing research and development projects sponsored by

Government and Private Organizations in the above areas.

- Conducting Short Term Courses/Workshops/Conferences
- Guiding UG/PG/Ph.D. projects

- Collaboration/**Interaction**
  - The projects sponsored by many organizations
  - Government Organizations like **MIT, DST, CSIR, AICTE, UGC, DRDO, CABS, ITR, RCI, DRDL, DLRL, ASWAC, ADA, ISRO, VSSC, SAC**
  - Industries and Commercial organizations like **ADI, BEL, HAL, ECIL, NAA/AAI, Lantiq, ASL,**
  - Participants of the short term courses spread from many organizations including industry, research and academic organizations.
- All the scientific staff members of the unit are/were members of many design review committees of the DRDO labs, like DLRL, RCI and industries like HAL, BEL etc.
- Specializes research and training in navigational electronics.
- Collaborates with Department of Civil Aviation and Indian Air Force.
- Established Turbo Rogue Dual Frequency GPS Receiver.
- MoU with Satelite Application Center (SAC), ISRO, Ahemedabad.
- Contributed to DRDO and ISRO programmes through developing:
  - comprehensive techniques to predict radiation patterns of antennas
  - atmospheric time delay algorithms for position fixing of space bound objects / missiles using GPS
  - adaptive filtering approaches for color image and video restoration
  - a new approach for suppression of FM Jamming in GPS Receiver

C. Centre for International Programmes

- Earlier known as American Studies Research Centre, established in 2006 with financial assistance from MHRD, GoI.
- Engages in several faculty exchange programmes with international institutes.
- Promotes interaction among the university, colleges, research institutions, policy making bodies, and business associations both

from India and abroad.

- Encourage the pursuit of new branches of knowledge and their dissemination, application and use within and outside the academia.
- Offers academic interactions and exchange of ideas across disciplines.

D. Institute of Genetics and Hospitals for Genetic Diseases

- Established in 1978 with financial assistance from DBT, GoI.
- Undertakes multidisciplinary research in the field of Human Genetics to prevent morbidity and mortality due to the genetic disorders.
- Collaborates with hospitals of national repute.
- Genetic counselling is being offered to the affected individuals and their family members.

E. Centre for Indian Ocean Studies

- Established in 1983 with financial assistance from UGC, GoI.
- Engages in studies pertaining to urban development and regional planning in the Indian Ocean region.
- Research on multitude of issues pertaining to geo-politics, urban development, regional planning, trade and resource.
- The findings are shared with Ministry of External Affairs, GoI for policy reforms.
- Established linkages and synergised its programmes with:
    - Institute of Asian Studies
    - Bandarnaike Center for International Studies
    - Center pour Sciences et Humaine
    - Universite de Reunion and
    - Pragna Bharati

F. Sir Ronald Ross Institute of Parasitology

- Established in 1983 by Osmania University.
- It is here, that Sir Ronald Ross, discovered the link between mosquito and malaria for which he was awarded Noble Prize in 1902.
- This institute serves as a source of inspiration for many young minds
- Conducts periodical meetings, seminars, workshops and symposia in the field of tropical medicine.
- Organizes training and extension programmes for public health managers.

3.4 Research Publications and Awards

3.4.1 Does the university publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.

- INTERFACE, a half-yearly Research Journal published by the Department of Communication and Journalism, OU with ISSN 2231-0274. The present Editorial Board includes Prof. M. Srinath Reddy, Editor and Prof. K. Stevenson, Associate Editor.
- INDIAN OCEAN DIGEST – having ISSN 0975-8240, published biannually by the Centre for Indian Ocean Studies, OU.
- Osmania Papers in Linguistics, ISSN 0970-0277, is an annual referred research journal devoted to the publication of articles in the field of general and applied linguistics, published by the Department of Linguistics, OU.
- Osmania Journal of International Business Studies, ISSN 0973-5372, biannual, published by Department of Commerce.
- Osmania Journal of Management, ISSN 0976-4208, Department of Business Management.
- Journal of International Studies, Osmania University Centre for International Programmes.
- Osmania Journal of English Studies, Department of English.
- Journal of Sanskrit Academy, Sanskrit Academy.
- Osmania Journal of Social Sciences, Faculty of Social Sciences.
- Orientations, Department of English in collaboration with Osmania University Centre for International Programmes.
- Osmania Journal of Geography, Department of Geography.
- Justitia Osmania University Law Journal, Department of Law.
- Osmania Journal of Physical Education, Department of Physical Education.
- Edutracks, Department of Education.

3.4.2 Give details of publications by the faculty:

*	Number of papers published in peer reviewed journals (national / international)	:	5225
*	Monographs	:	72
*	Chapters in Books	:	288

*	Edited Books	:	199
*	Books with ISBN with details of publishers		141
*	Number listed in International Database (For *e.g*. Web of Science, Scopus, etc.)	:	Scopus – 2223 Web of Science – 2398
*	Citation Index – range / average	:	0 – 399 / 5.50
*	Impact Factor – range / average	:	0.01-34.284 / 0.985
*	h-index	:	40

3.4.3 Give details of

* faculty serving on the editorial boards of national and international journals

Details are given in the respective Evaluative Reports of the Departments.

* faculty serving as members of steering committees of international conferences recognized by reputed organizations / societies

Details are given in the respective Evaluative Reports of the Departments.

3.4.4 Provide details of

* research awards received by the faculty and students

Faculty

2008-09

- Dr. Hameeda Bee, Dept. of Microbiology has been selected as a Post Doctoral Fellow to pursue her research in Canada.
- Dr. Bhangya Bhukia, Dept. of History, got "British Visiting Fellowship Award"

2009-10

- Prof. K.C. Rajanna, Dept. of Chemistry, was appointed as a Visiting Scientist at RPI, Troy, NY, USA for 2009-2010.
- Dr. Bhangya Bhukya, Dept. of History was awarded 'Post Doctoral Fellowship' from 9.1.2010 to 11.4.2010 by School of Oriental and African Studies, University of London. He was also awarded the British Visiting Fellowship 2009-2010.
- Mr. J. Venkateshwar Rao, Dept. of Zoology was awarded a

BOYSCAST Fellowship for the year 2010-2011 at the Dept. of Psychology and Medicine, Medical College of Virginia, Virginia Common Wealth University, Richmond, Virginia.

2011-12

- Prof. P.B. Kavi Kishor, Dept. of Genetics has been awarded the Basic Science Research Fellowship.
- Prof. N. Gopal, Dept. of Telugu has been awarded the Emeritus Fellowship by the UGC.
- Prof. Pradeep Kumar, Dept. of Hindi has been awarded the Emeritus Fellowship by the UGC.
- Prof. B. Prathibha Devi, Dept. of Botany received UGC BSR One Time Grant award.
- Dr. Smitha C. Pawar, Dept. of Genetics received BOYSCAST fellowship for training in advanced research in USA.

2012-13

- Dr. A. Roja Rani, Dept. of Genetics selected for 'Raman Fellowship' to pursue Post-Doctoral Research in USA under Singh-Obama Indo-US 21st Century Knowledge Initiative.
- Dr. B. Sandeepta, Dept. of Microbiology selected for 'Raman Fellowship' to pursue Post-Doctoral Research in USA under Singh-Obama Indo-US 21st Century Knowledge Initiative.

2013-14

- Prof. Gopal Reddy, Dept. of Microbiology has been the recipient of UGC-BSR One Time Grant for individual research excellence.
- Prof. V. Dashavantha Reddy, Director, CPMB has been the recipient of UGC-BSR One Time Grant for individual research excellence.
- Prof. Prathibha Nallari, Dept of Genetics has been the recipient of UGC-BSR One Time Grant for individual research excellence.
- Prof. S. Satyanarayana, Dept. of Chemistry has been awarded One Time Grant under BSR scheme of UGC.
- Dr. A. Roja Rani, Dept. of Genetics has been awarded Post-Doctoral Fellowship tenable at USA by the UGC.
- Dr. B. Bhima, Dept. of Microbiology has been awarded Post-Doctoral Fellowship tenable at USA by the UGC.

- Prof. L. Venkateswar Rao, Dept. of Microbiology has been awarded 'UGC-BSR Faculty Fellowship' for a period of three years.

2014-15

- Prof. K. Pratap Reddy, Dept of Zoology has been the recipient of UGC-BSR One Time Grant for individual research excellence.

2015-16

- Dr. P. Vishnu Dev, Dept. of Sociology has been chosen for Indo-China Research Award for year 2015-16.

Students

2008-09

- A Patent is applied on "Syncope detection emergency messaging" by Y. Taruna Shree (2004-2008) student of the Dept. of Bio-medical Engineering has done her final year Project at CCMB on "Nano Materials".
- Arvind and Soundarya (III/IV students) of Dept. of Bio-medical Engineering have won 3rd Prize in IIT Bombay for the Model Presentation on "Syncope detection emergency messaging" and it was selected for sponsorship of Rs.15 lakhs from ICRISAT-design.
- Dr. Priya Hassan, Dept. of Astronomy, awarded UGC Women Scientist Post Doctoral Fellowship.
- Dr. Talat Khan, Dept. of Botany, awarded UGC Women Scientist Post Doctoral Fellowship.
- Dr. Indumati, Dept. of Genetics, awarded UGC Women Scientist Post Doctoral Fellowship.
- B. Naveen Kumar, M.Phil. in Statistics received Prof. M.N. Gopalan Young Statistician Award at the Annual Conference of the Indian Society for Probability & Statistics held at Nagapur University, January 2008
- Mirza Mustafa Ali Baig, Ph.D. Research Scholar in Urdu represented the University in International Students Seminar organized by Ghalib Institute, New Delhi and presented research paper.
- Prajitha and Mina awarded Best Poster Awards in the National Symposium in January, 2009.
- Siva Chandran, Ali Reza awarded Best Poster Awards in the

National Symposium in January 2009.

- Gayatri and Sowmya awarded Second Cash Prize for Best Poster Awards in the National Symposium on January, 2009.
- TA Phazna and Aravind Setti awarded First Prize for Best Poster Award in the National Science Day in February 28, 2009.

2009-10

- Mr. Suresh Reddy, M.Sc. Geophysics, II year has been awarded First Prize for the Best Presentation in the National Seminar, March 2009
- Mr. Ansul Gupta, Dept. of Microbiology has won second prize at National Science Day Poster Presentation on 26.02.2010.
- Ms. Prajitha, Ms. Mina, Mr. Siva Chandran & Mr. Ali Reza, Dept. of Genetics have been awarded Best Poster Awards in the National Symposium in January 2009.
- Ms. Gayatri & Ms. Sowmya, Dept. of Genetics have been awarded Second Cash Prize for Best Poster Awards in the National Symposium in January 2009
- Ms. TA Phazna & Mr. Aravind Setti, Dept. of Genetics have been awarded Best Poster Awards in the National Science Day on 28.02.2009.
- Ms. D. Surekha (Supervision of Prof. S. Vishnupriya) – Best Paper Award for "Role of GSTP1 gene polymorphism in the development of breast cancer: A case control study. J. Cell Tissue Research Vol.8(3) 1613-1616 (2008-09)
- Mr. Y. Srinivas Reddy, Mr. YVG Santosh of III year, Dept. of Civil Engineering got second prize in Paper Presentation at IIT Roorkee.
- Y. Praveen Kumar, M. Shilpa, M. Rajender Reddy and S. Satyanarayana, Dept. of Chemistry, Nizam College have received Best Poster Award at a National Seminar for paper entitled "DNA binding and photocleavage studies of Co(III) and RU(II) complexes" at New Dimensions of Chemical Sciences-2010 organized by Dept. of Chemistry, PG College of Science, Saifabad.
- N.Padmaja, K. Laxma Reddy and S. Satyanarayana, Dept. of Chemistry, Nizam College have received Best Poster Award at an International Conference for paper entitled "Synthesis and Characterization trans [ICH2Co(en)2NH3] complex equilibria, kinetics DNA binding and antimicrobial activity", Fourth Indo-US Lecture Series on Discrete Mathematical Chemistry, January 2009, jointly organized by Dept. of Chemistry, Nizam College and Natural Resources Research Institute, University

of Minnesota, USA.

- Suresh Reddy, II Year, Dept. of Geophysics got First Prize for the Best Presentation in the National Seminar.
- Anuradha, Ph.D. Scholar, Dept. of Genetics/Biotechnology awarded Best Poster in International Conference of XXXIV ISHC, New Delhi.
- Prajitha, Mina, Siva Chandran, Ali Reza, Gayatri, Sowmya, Dept. of Genetics/Biotechnology awarded Best Poster Awards in the National Symposium.
- TA Phazna, Aravind Setti, Dept. of Genetics/Biotechnology awarded First Prize for Best Poster Awards in the National Science Day Celebration.
- D. Surekha, Dept. of Genetics/Biotechnology awarded Best Paper for Role of GSTP 1gene polynmiorphism in the Development of Breast Cancer.
- Lanka Sateesh, Research Scholar, Microbiology awarded Best Posster Award at National Seminar on Biological and alternate energies present and future organized by the Dept. of Biochemistry, Andhra University.
- S. Jagadish Kumar, Research Scholar, Microbiology got selected for School on Mineral Biotechnology Workshop conducted by IISc, Bangalore.
- M. Prashanth Kumar, IV/IV I Semester, Dept. of Mechanical Engineering has achieved 'Best Robotic Model' in Shastra 2009.
- Ruth Gabel, Kishore, V and Venkateshwarlu, Dept. of Mechanical Engineering stood first in technical paper presentation held at BITS, GOA.
- Akhilesh Murthy, IV/IV I Semester, Dept. of Mechanical Engineering stood Second in 'Advanced Thermodynamics Skit'
- V.Ashray, G. Abhishek, Md. Zaid Siddiqui, III/IV I Semester, Dept. of Mechanical Engineering stood Fourth in 'Junkyard Wars at IIT Mumbai Techfest.
- V. Ashray and Pranay Babu III/IV I Semester, Dept. of Mechanical Engineering, stood first in technical paper presentation in 'Adastra 2009 SNIST, Hyderabad.
- G. Geetanjali, P. Meenakshi Satya, III/IV I Semester, Dept. of Mechanical Engineering stood first in technical paper presentation in 'Adastra 2009 SNIST, Hyderabad.
- N. Manvi Jagan, III/IV I Semester, Dept. of Mechanical Engineering stood First in 'Technical Quiz conducted by

NEDCAP.

- N. Manvi Jagan, III/IV I Semester, Dept. of Mechanical Engineering got consolation prize in '53rd National Convention for Metallurgy and Materials Science'.
- N. Manvi Jagan, III/IV I Semester, Dept. of Mechanical Engineering stood Third in 'Robococcer event at MECHANICA 2009
- Anand Bhargav, IV/IV I Semester, Dept. of Mechanical Engineering won Second Prize 'Roboticsevent at BVRIT.

2010-11

- Kandi Kashinath Rao, Dept. of Arabic received Best Tourist Guide Award from Govt. of A.P.
- B. Dinesh Aditya, Dept. of Communication and Journalism received the Public Relation Society of India (PRSI) Award for securing highest marks in corporate communications.
- K. Madhukar, J. Mounika, Riazulla Baig and D. Varun Reddy, Dept. of Civil Engineering won second prize for Model presentation at Anna University.
- G. Mounika, Dept. of Electronics and Communication Engineering won both Gold and Silver medals in Inter-College Athletic Meet, National Junior Athletic Championship and All India Inter University Athletic Tournament.
- G. Sachin, Dept. of Mechanical Engineering secured First Prize for paper presentation at Pragnya 2k11, a national technical symposium held at JNTUH
- Surender and Sampath, Dept. of Mechanical Engineering secured 2nd position in paper presentation held at IIT Kanpur.
- K. Ramesh, Dept. Physical Education won the Gold Medal in 1500 M run after 30 years in the All India Inter University Athletics Meet held at ANU, Guntur and selected to represent in the World University Games to be held in China.
- Kum. Monica won the Silver Medal in 200 M run in the All India Inter University Athletics Meet held at ANU, Guntur and selected to represent in the World Youth Athletics Championship held at Italy.
- Shuttle Badminton (Men) team secured III Place in All India tournaments held at NTR Health University, Vijayawada, October 2010.
- N. Sh. Sai Ram won Bronze Medal in Gymnastics (Men) held at Punjabi University (2010).
- V. Samikya Jyothi won Bronze Medal in Gymnastics

(Women) held at Punjabi University (2010).

- Vivek Kumar Goud won the Gold Medal in Taekwondo held at Punjabi University.
- Venkateshwarlu won the Bronze Medal in Taekwondo held at Punjabi University.
- B. Nithya, Dept. of Astronomy selected to participate in INSA-Summer Student Programme.
- B. Padma Rao and Smt. Praveen Begum Shek received Indian Geophysical Union award along with merit certificate in Geophysics.
- P. Raj Kumar and Ms. J. Lalitha Indian Geophysical Union award along with merit certificate in Geophysics.

2011-12

- Dr. Bhargavi, Dept. of Zoology, Conservationist Award by the Andhra Pradesh State Biodiversity Board, Govt. of Andhra Pradesh.
- A. Yuvaraj and Sravan Kumar Gopathi, Dept. of Communication and Journalism have participated in AIDS Day and won the III Prize.
- Eight students of MBA have received Pratibha Awards from Govt. of A.P.
- The students of 2010-12 batch honoured with Crown of Management Colleges,
- Y. Sai Chaitanya, Rahul Bharadwaj and Sachin Padeeswar, Dept. of Biomedical Engineering have won I, II, and III prizes, respectively, under Best Paper Award.
- K. Pavani, Dept. of Civil Engineering secured I prize for her paper 'Linear Programming Model for Optimization' at national level technical symposium ACUMEN'12, held at Vasavi College of Engineering (10-03-2012).
- M. Apporva, Dept. of Civil Engineering secured II prize for her paper 'Linear Programming Model for Optimization' at national level technical symposium STHAPATHYA'12, held at JNTU, Hyderabad (17-03-2012).
- D. Charitha, B. Sadhana and P. Harika, Dept. of Civil Engineering have been the winners of the event 'Shunya' for the problem statement 'Zero Energy Home' during Pearl 2012.
- Bhanu Prakash, Dept. of Civil Engineering won 2ndprize for best presentation in Preadorz 2012 held at S.V. University on Air Pollution Management.
- Ashish, B. Raj Kumar, Dept. of Civil Engineering won 1st

prize for best presentation in STHAPATYA 2012 held at JNTUH on Intelligent Transportation Syatem.

- P. Spandana (BE 3/4), Dept. of Computer Science and Engineering won the second prize for a paper presented on 'Beginners Crossing Boundaries.
- BE final year students of Dept. of Computer Science and Engineering have secured 1st prize in 'Deloittee Business 2012 Champianship', and also received 'Best Project' award from TCS.
- A. Gayathri, Dept. of Genetics secured 1st prize for best paper award in CRC Meeting at AIIMS at New Delhi.
- S. Anil Kumar, Dept. of Genetics achieved gold medal for best paper presentation (Advances in Plant Sciences India – 2012).
- S. Anil Kumar, Dept. of Genetics received 'Young Scientist Award' for best oral presentation (Andhra Pradesh Akademi of Sciences – 2011).
- S. Prasanna, Dept. of Geophysics secured ONGC Gold Medal along with 1.00 lakh as cash prize.
- Shri B. Vidyaranya, Dept. of Civil Engg., received IGS – Shri M.S. Jain Memorial Biennial prize for the Best paper awaed in Trivendrum, December – 2011.
- Mr. Srinivas, BE 4/4, Dept. of Civil Engg secured All India 4th Rank in GATE.

2012-13

- B. Summit, Dept. of Arabic secured 1st Place in Inter-University Heavy Weight Championship Medal.
- Mohd. Akram, Dept. of Arabic secured 2nd Place in Inter-University Heavy Weight Championship Medal.
- Prashanth Bhat, Dept. of Communication & Journalism selected for Internship with National Geographic Channel.
- K. Pavani and M. Apoorva, Dept. of Civil Engineering secured 1st Prize for paper presentation on 'Design of water supply network using EPA.NET in national level technical symposium – STHAPATHYA' 13 at JNTU, Hyderabad.
- K. Pavani and M. Apoorva, Dept. of Civil Engineering secured 1st Prize for paper presentation on Linear Programming Model in national level technical symposium – ATMOS 2012 at BITS, Pilani.
- R. Ashwini and Deepak Kumar, Dept. of Civil Engineering secured 2nd prize for paper on Significance of Geotechnical Engineering in national level technical symposium -

STHAPATHYA' 13 at JNTU, Hyderabad.

- R. Lohitha and T. Jayanth Kumar, Dept. of Civil Engineering secured 2nd prize for paper on Building Information Modeling in national level technical symposium - STHAPATHYA' 13 at JNTU, Hyderabad.
- Maduri Ganesh, Dept. of Law, pageant winner, selected for an exchange programme to Russia.
- Chandra Sekhar Singh, Dept. of Genetics imported Aloe ferox seeds from South Africa for the first time to India for standardisation of tissue culture and regeneration protocols for Aloe ferox.
- Chandra Sekhar Singh, Dept. of Genetics identified new principle compound (Acemannan) from Aloe CIM Sheetal through HPLC, NMR and X-ray Crystallography.
- K.L. Chaitra, Dept. of Genetics received the best poster award at International conference on Cardiomyopathy Research.
- Venkataiah, Dept. of Geology achieved inter college Tunicate Champion.
- Wangkhem Dinesh Singh, Dept. of Geophysics awardee of ONGC Merit Scholarship (Rs. 60,000)
- Srinadha Prasanna, Dept. of Geophysics awardee of ONGC Merit Scholarship (Rs. 60,000)
- S.K.Z. Ali, Dept. of Microbiology received AMI Young Scientist Award.
- Mohamed, Dept. of Microbiology received Best Poster Award from Society for Applied Biotech.

2013-14

- Mr. Shiva Kumar, BE Civil Engineering has been selected for Merit Scholarship for the year 2013-14 from REC Power Distribution Company Limited (RECPCDL) a wholly owned subsidiary of REC and a Navaratna CPSU under the Ministry of Power with cash award of Rs. 24,000/- to pursue his studies.
- Mr. Wangkhem Dinesh Singh, II year student of M.Sc. Geophysics has received a cash prize of Rs. 1,00,000/- from Oil and Natural Gas Corporation (ONGC) for securing highest marks.
- Mr. Munjam Sagar, II year student of M.Sc. Geophysics has received a cash prize of Rs. 60,000/- from Oil and Natural Gas Corporation (ONGC) for securing highest marks.
- Ms.P.Spandana, Dept. of CSE won Second Prize for Beginners Crossing Boudaries.

- TEAM-SAE-BAJA 2013 won Best Innovation Award worth of Rs one Lakh for Phase shifter of 4 Wheel Drive System.
- B. Shuba Deepthi and K. Mounika, BE (3/4) Civil Engineering secured Second Prize for a paper presentation in ACUMEN CIVIL 2014 at Vasavi College of Engineering, Hyderabad
- T. Manikanta, BE (3/4) Civil Engineering secured First Prize for a paper presentation in National Level Technical Symposium 'NIRMAN 2014' at University College of Engineering, OU
- Mohammed Shoaib Ayjaz and Mohd. Aliuddin, BE(3/4) Civil Engineering secured the Best Design Award – Bridge in the event 'Civil Simplified (IIT Kanpur)'
- Ch. Amulya Devi, G. Bharath Kumar, S. Saikiran and B. Sanjuna, BE (4/4) Civil Engineering secured second position in the event 'BRIDGE BUILDER' conducted by IIT Hyderabad at ELAN 2014.
- Ravi Teja, student of ME(TM), All India Rank of 29 in UPSC Engineering Services Examination.

2014-15

- B.Shuba Deepthi and K.Mounika, B.E ¾, Civil Engg., Secured Second Prize for a paper presentation in ACUMEN CIVIL 2014 at Vasavi College of Engineering, Hyderabad.
- Mohammed Shoaib Ayjaz and Mohd. Aliuddin, B.E ¾, Civil Engg., secured the Best Design Award – Bridge in the event "CIVIL SIMPLIFIED (IIT KANPUR)" at ESCI, Hyderabad during the summer internship program.
- Ch.Amulya Devi, G.Bharath Kumar, S.Saikiran and B.Sanjuna, BE 4/4, Civil Engg., Secured Second Position in the event "BRIDGE BUILDER" conducted by IIT Hyderabad at ELAN, 2014.
- Rasagna Veeramallu, Dept. of CSE received Best Project Award.
- B Ravi Teja, Dept, of Mechanical Engg., secured All India Rank of 694 in UPSC Civil Services Examination 2015.

2015-16

- Gurucharan Das, Areeb Ahmed, B.Jinesh were declared winners in OSMECON 2016, Pioneering Pathways for Medical Research for the topic "Mindwave Oriented Operational Device" in MEDTECH conducted by Osmania Medical College on September 17th to 19th, 2015.
- Keerthana Sarvani participated in OSMECON 2016, Pioneering Pathways for Medical Research, MEDTECH

conducted by Osmania Medical College on September 17th to 19th, 2015.

- Keerthana Sarvani is declared as runner-up in poster presentation for the topic "braingate system" OSMECON 2016, Pioneering Pathways for Medical Research, MEDTECH conducted by Osmania Medical College on September 17th to 19th, 2015.
- B.S. Rahul Bharadwaj, K. Sameendra, Y. Sai Chaitanya received First Prize for their paper 'Design of RF Source Generator For Hyperthermia Treatment of Cancer by Using Nano Particles' presented in 'Pearl 12' held on February 19, 2012 at BITS Pilani, Hyderabad Campus.
- B.S. Rahul Bharadwaj, K. Sameendra, Y. Sai Chaitanya received 'Best Paper Award' for 'Design of RF Generator For Hyperthermia Applications', Student Conference On Recent Trends In Electrical & Electronics Engineering, February 24-25, 2012, GITAM University, Vizag.
- SachinPadeesvar received 'Third Prize' for 'Bio-Artificial Liver' presentation in Biozone 2012, March 16-17, 2012, GIET, Rajahmundry.
- Bhargava, Rohith, IV year, have won I prize & cash award of Rs.6000/- for the model presentation at "MODEX HEALTH CARE" at IIT-BHU.
- Ramyakrishna, SaikishoreIII Year, won II prize for a model presentation on "GUI based cancer detection for preplanning of surgery", in OMC.
- Ms.Preethi, Dept. of CSE received scholarship of amount Rs.40,000 from cognizant.
- Qumar Fatima, Dept. of CSE Selected as GSA(Google Student Ambassador).
- Mr N Yadaiah , student of ME(PE), State first in TSGENCO and TSPSC recruitment tests held by Telangana Govt in 2015-16.
- Team OU TORNADO consisting of 25 students of 2nd and 3rd year, Overall 6th position
- Team ATHENA consisting of 25 Girl students of the Dept. to form the First ever All Girls Go Kart Team, Were placed at 6th position in overall rankings and bagged Special Appreciation Award called EMPOWERED WOMEN of International Series of Karting.
- Team Aaphalt X-125 consisting 25 students from 2nd and 3rd year, secured 9th position overall and 5th in endurance test.

- Dr. Bhargavi, Dept. of Zoology, awarded UGC Post Doctoral Fellowship – Women Scheme

* national and international recognition received by the faculty from reputed professional bodies and agencies

2008-09

- Dr. B. Manjula, Dept. of Biochemistry drafted as Research Consultant, Dept. of Physiology, University of Tennessee, Memphis, USA
- Dr. Chand Pasha, Dept. of Microbiology received the Best Poster Award at ICBF and BRSI 2009.
- Dr. Chand Pasha, Dept. of Microbiology received the Best Poster Award at National Symposium on "Perspectives of Genomics and Proteomics" 2009.
- Dr. K. Nageshwar Rao, Dept. of Communication & Journalism has been elected as MLC for the second time.
- Dr. Kamalakar Sharma, Head, Dept. of Telugu received seven awards conferred by different organizations.
- Dr. Prasad Reddy, Dept. of Theatre Arts was honoured by the Hon'ble Governor of Andhra Pradesh, on 11.6.2008, for editing the Telugu Encyclopedia on Theatre.
- Dr. Rajesh Kumar, Dept. of Physical Education has participated in the Pre Olympic Conference at Nanjing, China in August 2008.
- Dr. Sandhya, Dept. of Commerce was awarded "Best Business Academic of the Year" (BBAY) Gold Medal in December 2008
- Dr. V. Appa Rao, Best Commerce Teacher Award, IPA
- Dr. V. Satyanarayana, Dept. of Physical Education, got Hong Kong Sports Club "Best Paper Award" and "ISCPES" Award for 2008
- Mr. V. Uma Maheshwar, Associate Professor, Dept. of Mechanical Engineering was selected as one of the "Top 10 Professors 2008 of AP who made the most impact on Students lives" conducted by 24x7 Customer Organization.
- Prof. Adapa Satyanarayana, Dept. of History has been appointed as Member on the Prestigious Indian Council of Historical Research, MHRD.
- Prof. B. Krishna Reddy, Dept. of Business Management has been conferred with the Best Paper Award by the National Council of Indian Institution of Industrial Engineering, 2008.

- Prof. C. Beena, Dept. of Psychology was awarded 'Best Teacher Award' by AP State Government for 2008
- Prof. C.V. Chalapathi Rao – Siksha Ratnam Puraskar by IIFC, New Delhi
- Prof. D. Ashok, Dept. of Chemistry was conferred with Mother Theresa Award
- Prof. G. Bhagyanarayana, Dept. of Botany has been elected as Member, Indian Science Congress – Environmental Science Section (2009)
- Prof. Gopal Reddy, Dept. of Microbiology was elected as fellow of BRSI for the year 2009 at the ICBF.
- Prof. H. Venkateshwarlu, Executive Vice-President, Indian Commerce Association.
- Prof. J. S. N Murthy, Dept. of Chemical Engineering, Sir Gangaram Memorial Gold Medal for Best Research Paper – 2008
- Prof. K. Janardhan Reddy, Dept. of Botany has been elected as Member, Executive Council of Indian Science Congress Association (2009)
- Prof. K. Shankaraiah, Best Commerce Teacher Award, IPA
- Prof. K.V. Achalapathi, President, Indian Accounting Association.
- Prof. K.V. Rao, CPMB elected as Fellow of the National Academy of Sciences, India.
- Prof. L.V. Rao , Dept. of Microbiology received the Best Poster Award at ICBF and BRSI 2009.
- Prof. M. Shri Nivas, Life Time Achievement Award, IPA
- Prof. M. Sulochana, Best Professor Award, 24/7 Customer Ascend
- Prof. P B. Kavi Kishor, Dept. of Genetics has been honoured by A.P. Academy of Sciences Award.
- Prof. P B. Kavi Kishor, Dept. of Genetics has been honoured with the 'Best Teacher Award' by Govt. of A.P.
- Prof. P. Purushotham Rao, Dept. of Commerce appointed as President, Indian Commerce Association
- Prof. P. Purushotham Rao, Dept. of Commerce appointed as the President of India Nominee on the Governing Board of IGNOU
- Prof. Prashanta Atma, Dept. of Commerce conferred with Best Business Research Paper Award, Indian Commerce Association.

- Prof. S. Venkateshwar, Dept. of Chemistry was awarded 'Best Teacher Award' by AP State Government for 2008
- Prof. Shobha Deshmukh received best critic award for Marathi Drama
- Prof. Shubhada Vanjape, Dept. of Hindi has been awarded Rs.25,000/- (Cash Award) from AP Hindi Academy, 2008
- Prof. Sunaina Singh was elected as Vice-President of the Shastry Institute of Indo Canadian Studies.
- Prof. V. Jagannadham – D.Sc. Degree
- Prof. V.M. Pandhari Pande, Dept. of Electronics & Communication Engineering has received two awards (1) S.V. Aiya Memorial Award IETE-2008 and (2) Anna University National Award, ISTE, New Delhi-2008
- Prof. V.V. Haragopal, Dept. of Statistics has become the President of APSMS Society
- Prof. Y. Pardhasaradhi, Dept. of Public Administration was invited as observer for the eighth meeting of the Committee of experts in Public Administration by the United Nations from March 30-April 6, 2009, and he also delivered Keynote address at the Public Service International Conference of Asian Region at Kathmandu, Nepal held on March 25-26, 2009

2009-10

- Dr. A. Krishnaiah, Dept. of Mechanical Engineering is nominated for AP Scientists Awards (APSA) for the year 2009-2010.
- Dr. B. Venkat Naik, Dept. of Economics has been appointed Interview Board Member for the Selection of Probationary Officers, Law Officers and also Hindi Officers in the Services of Andhra Bank and Punjab National Bank and Selection Committee Member for selection of Lecturers Principals of UG and PG Colleges.
- Dr. K. Thirupathi Reddy, Dept. of Political Science received Rashtriya Gaurav Award Certificate of Excellence for India, International Friendship Society, at New Delhi on 18th September, 2009
- Dr. N. Navaneetha, Dept. of Chemistry conferred with 'Young Chemist Award', at 42nd IUPAC Congress: Chemistry Solutions held at, SECC, Glasgow, UK organized by Royal Society of Chemistry, London, UK in August 2009.
- Dr. Sagi Kamalakara Sharma, Dept. of Telugu is the recipient of Sahitee Jyothisha Ratnakara – Excellence in Astrology & Literature 2009, Gayithri Jyothish Vidhya Kalapeetham,

Miryalguda and Ugadi Satkaram by Govt. of AP-2009

- Mr. Narsimulu Sanke, Dept. of Mechanical Engineering was recognized as one of the Top 100 outstanding scientists for the year 2009 by the InternationalBiographicalCenter, Cambridge, England.
- Mr. R. Suryanarayana Reddy, Dept. of Sociology posted to APARD as Centre Faculty, February 2009
- Mr. Srinivasulu Malagari, Dept. of Mechanical Engineering was awarded 'Ollie A & J.O Heskett Graduate Fellowships for outstanding Doctoral Student Award' for Fall, 2009, which includes $3000 in cash.
- Ms. M. Vasavi, Dept. of Chemistry was awarded a cash prize and a Young Scientist citation by KV Rao Scientific Foundation in April 2010.
- Prof. B. Madhusudan Rao, Dept. of Geophysics has been Elected as Executive Committee Member, Indian Geophysical Union, NGRI, Hyderabad and nominated as Executive Committee Member for the International Seminar "Asia Oceania Geos" to be held at Hyderabad in July 2010
- Prof. B. Sashidhar Rao, Dept. of Biochemistry has been Drafted as Scientific Panel Member for Food Safety & Food Standards Authority of India, New Delhi
- Prof. Fatima Begum, Dept. of Urdu has been awarded 1st prize for translation of poems entitled "Nanhi Nazmein" of Prof. N. Gopi former VC, TeluguUniversity by AP Urdu Academy
- Prof. G. Bhagyanarayana, Dept. of Botany has been appointed as the President, Environmental Science, INSC
- Prof. G. Bhagyanarayana, Dept. of Botany has been awarded with 'Prof. Kajal Memorial Award'
- Prof. N. Swamy, Dept. of Telugu has received Guntur Sheshendra Sharma Literary Award, 2009 and Avantsa Soma Sunder Literary Award, 2009.
- Prof. S.A. Majeed Bedar, Dept. of Urdu has been awarded 1st prize to the book "Deccani Nasar Pe Ek Nazar by A.P.Urdu Academy
- Prof. T. Parthasarathy & Mr.S. Guru Raj, Dept. of Chemistry received Best Poster Award in International Conference on "Drug Infomeet" held from August 19-21, 2009 at St. Albert's College, Ernakulum, Jointly organized by IITM-K.
- Prof. V. Dashvanth Reddy of CPMB was awarded 'Best Teacher of State Universities' by the Govt. of Andhra Pradesh.
- Prof. V. Uma, Dept. of Chemistry, Convener, International

Lecture Series on Discrete Mathematical Chemistry organized in Joint Collaboration with UMN, USA, 6-9, January 2009 sponsored by UGC, DBT, IUSSTE, TSCHE and CSIR.

- Prof. V.M. Phandari Pande, Dept. of Electronics & Communication Engineering has been awarded Life Time Excellence in Teaching by Teacher's Academy, 2009

2010-11

- Dr. C. Srinivasulu, Dept. of Zoology inducted as Associate Fellow of A.P. Akademi of Sciences.
- Dr. P.V. Anatha Lakshmi, Dept. of Chemistry received Best Teacher Award from CRSI.
- Dr. V. Usha Kiran, Dept. of Commerce received Best Teacher Award from IPA and a Gold Medal at All India Accounting Conference, 2010.
- Ms. Karunasree, Dept. of Commerce, received Best Paper Award at All India Accounting Conference, 2010.
- Prof. A. Jyothy, Institute of Genetics & Hospital for Genetic Diseases elected as Fellow of Andhra Pradesh Akademi of Sciences, 2010.
- Prof. A. Jyothy, Institute of Genetics & Hospital for Genetic Diseases received "HPS-IMH Oration Award" for the year 2009-10 from Hyderabad Psychiatric Society.
- Prof. B. Badraiah, Dept. of Botany inducted as Fellow of A.P. Academi of Sciences.
- Prof. B. Pratibha Devi, Dept. of Botany inducted as Fellow of A.P. Academi of Sciences.
- Prof. B. Rajeswara Reddy, Dept. of Applied Geochemistry nominated as a Member of A.P. Pollution Control Board, Govt. of A.P.
- Prof. G. Bhagyanarayana, Dept. of Botany acted as President, Environmental Science Section, 98th ISCA.
- Prof. G. Bhagyanarayana, Dept. of Botany elected as Fellow of A.P. Academi of Sciences.
- Prof. G. Bhagyanarayana, Dept. of Botany selected as Member, International Commission on Taxonomy of Fungi.
- Prof. H. Venkateswarlu, Dept. of Commerce awarded "Best Teacher" for the year 2010 by Govt. of Andhra Pradesh.
- Prof. L.B. Laxmikanth Rathod, Dept. of Physical Education received the Best Poster Presentation award in the Commonwealth Conference held at New Delhi.
- Prof. M. Chennappa, Dept. of Telugu received Vanamamalai

Award, Dr. P. Yashoda Reddy Award, and Kaloji Award.

- Prof. Mohd. Abdul Majeed, Dept. of Arabic received one international award.
- Prof. Mohd. Akbar Ali Khan, Dept. of Commerce has been invited for International Conference to Chair a session on International Trade at Harvard University, Cambridge, Boston, USA (May-June'10).
- Prof. N. Swamy, Dept. of Telugu received 'Avatsham Soma Sundar Poet' award.
- Prof. P.B. Kavi Kishor, Dept. of Genetics awarded Fellow of the National Academy of Agricultural Sciences (F.N.A.A.Sc.), 2010, New Delhi.
- Prof. P.B. Kavi Kishor, Dept. of Genetics awarded Fellow of the National Academy of Sciences (F.N.A.Sc.), 2010, Allahabad.
- Prof. P.B. Kavi Kishor, Dept. of Genetics received a Gold Medal from the Association of Biotechnology and Pharmacy, 2010.
- Prof. Prashanta Atma, Dept. of Commerce, received Best Teacher Award from IPA and Gold Medal from Indian Commerce Association.
- Prof. Ravinder Kaur, Dept. of Public Administration received TN Chaturvedi award.
- Prof. S. Ramana Murthy, Dept. of Physics received Best Teacher Award for the year 2010 from Govt. of Andhra Pradesh.
- Prof. S. Sudarshan Rao, Dept. of Library & Information Science received IATLIS Motiwale Best LIS Teacher Award 2010 from the IATLIS at the University of Pune.
- Prof. S. Sudarshan Rao, Dept. of Library & Information Science received Parvathaneni Gnagadhara Rao Memorial Award 2009 from Potti Sriramulu Telugu University (2010).
- Prof. S. Venkateshwar, Dept. of Chemistry elected as President, Indian Institute of Chemical Engineers.
- Prof. S.V. Satyanarayana, Dept. of Telugu received 'Gidugu Sahithee Puraskaram 2011'.
- Prof. S.V. Satyanarayana, Dept. of Telugu, received Best Teacher Award for the year 2010 from Government of Andhra Pradesh.
- Prof. Sunaina Singh, Dept. of English and Director, Canadian Studies Program has been elected as the President for Shastri

Indo-Canadian Institute, New Delhi.

- Prof. Sunaina Singh, Dept. of English received International Award for leadership in strengthening bilateral ties and collaborations in higher Education in 2010 by Indo-Candia Chamber of Commerce (ICCC), Canada.
- Prof. V. Usha Kiran, Dept. of Commerce, received Best Paper Award – All India Accounting Conference – 2011, Trivendram
- Prof. V.D. Reddy, Centre for Plant Molecular Biology received A.P. Scientist Award for 2010 from APCOST.
- Prof. Y. Pardhasadhi, Dept. of Public Administration received TN Chaturvedi award.

2011-12

- Dr. C. Srinivasulu, Dept. of Zoology elected as Fellow of Indian Association of Aquatic Biologists.
- Dr. C. Srinivasulu, Dept. of Zoology received Best Teacher Award in 2011 by Vasavi Club, Hyderabad, A.P.
- Dr. D. Surya, Dept. of Telugu honoured with Ugadi Puraskaram by the Govt. of A.P.
- Dr. G. Mallesham, Dept. of Electrical Engg., received ISCA Young engineer award by Hyderabad chapter in 2012.
- Dr. G. Sudarshan Reddy, Dept. of History appointed as Member, Indian Historical Records Committee, Director General of Archives, Govt. of India, Ministry of Culture.
- Dr. K. Sriram – Best Post Doctoral fellow Awards for the year 2011 & 12 at Korea Astronomy and Space Science Institute, South Korea
- Dr. P. Ramesh Babu, Dept. of Mechanical Engineering elected as Vice-President, 55th International Society of Theoretical and Applied Mechanics.
- Mr. B. Vidyaranya, Prof. M. Kumar and Prof. M.R. Madhav, Dept. of Civil Engineering won the IGS-Sri M.S. Jain Memorial Biennial prize for the best paper on 'Innovations in piling and other Foundation Constructions Techniques.
- Mr. D. Suman, Dept of Biomedical Engineering has received Best Paper Award.
- Prof. A. Satyanarayana, Dept. of History appointed as Member, Indian Council of Historical Research, Ministry of Human Resource Development, Government of India.
- Prof. A. Satyanarayana, Dept. of History has been appointed as Member, Indian Council of Historical Research by MHRD.
- Prof. C. Venkateshwar, Dept. of Botany received Technology

award (CSIR) and UGC Scientist award.

- Prof. D. Ashok, Dept. of Chemistry , nominated as a Life Member of Indian Science Congress, Chemical Research Society of India, Indian Chemical Society, Indian Council of Chemists, Indian Society of Chemists and Biologists
- Prof. G. Laxmaiah, Dept. of Economics received best teacher award in 2011.
- Prof. G. Ramadass, Dept. of Geophysics elected as Vice-President, CEG Alamnac.
- Prof. Gopal Reddy, Dept. of Microbiology received the AMI Lois Pasteur award.
- Prof. J. Ratnakar, Dept. of Geology honoured with membership of Geoscience Advisor Council, Ministry of Mines, Government of India.
- Prof. K. Rudrama Devi, Dept. of Zoology received Sevaratna Award from Navalalavedika.
- Prof. L. Venkateshwar Rao, Dept. of Microbiology awarded "Best Teacher" for the year 2011 by Govt. of Andhra Pradesh.
- Prof. Manwal Deva Das, Dept. of Chemistry , nominated as a Member of European Chemist (Eur. Chem.) and Charted Scientist (UK)
- Prof. Md. Masood Hussain, Dept. of Zoology elected as Fellow of Indian Association of Aquatic Biologists.
- Prof. Mohd. Akbar Ali Khan, Dept. of Commerce received Life Time Achievement Award for Academic Excellence in Universities: 2011 World Management Congress, Higher Education & Development Summit, New Delhi(29th Dec 2011)
- Prof. P.B. Kavi Kishor, Dept. of Genetics received the Certificate of Honour from Indian Botanical Society.
- Prof. Pratibha Nallari, Dept. of Genetics awarded "Best Teacher" for the year 2011 by Govt. of Andhra Pradesh.
- Prof. Pullela Sriramachandrudu, Dept. of Sanskrit has been conferred Padmasri by the Government of India.
- Prof. Ravinder Kaur, Dept. of Public Administration has received Women Achiever Award from Phukari Women's wing of A.P., Panjabi Sabha on 8th March, 2012.
- Prof. S. Sudarshan Rao, Dept. of Library & Information Science received IATLIS Motiwale Best National Library & Information Science Teacher Award 2012.
- Prof. Shivraj, Dept. of Chemistry elected as a Member of American Chemical Society (ACS)

- Prof. V. Shekhar, Dept. of Business Management has been conferred Best Teacher Award by Govt. of Andhra Pradesh.
- Prof. V.S.S. Kumar, Dept. of Civil Engineering received Vishwakarma Award by CIDC for the year 2011.
- Prof. Y. Pardhasaradhi, Dept. of Public Administration appointed as adjunct Professor UESTC, Chengudu China-2011 to till date.

2012-13

- Dr. A. Sabitha Rani, Dept. of Botany elected as the Associate Fellow of A.P. Akademi of Sciences.
- Dr. Narsimhulu Sanke, Dept. of Mechanical Engineering received Best Paper Award in the Second IASTED International Conference on Power and Energy Systems and Applications (PESA 2012), Las Vegas, USA.
- Dr. P. Chandra Shekar, Dept. of Electronics and Communication Engineering nominated as Expert Member of Academic & Research Advisory Committee, CDAC.
- Dr. P. Satish Kumar, Dept. of Electrical Engineering received a recognition as 'Top 100 Engineers–2013" by International Biographical Society (IBS), Great Britain on 18th April, 2013.
- Dr. P.Satish Kumar, Dept. of Electrical Engineering has been nominated as 'Advisory Council Member" for the Engineering Staff College of India, Hyderabad.
- Dr. Smita C. Pawar, Dept. of Genetics honoured with '5th Mayo Clinic Angiogenesis Symposium Travel Award' for poster presentation at Minnesota, USA.
- Dr. U. Ashok Kumar, Dept. of Mechanical Engineering received Young Environmental Scientist – 2012 award for the best paper presentation at 5th International Congress of Environmental Research – ICER 12, held at University Malaysia Terengganu, Kuala Terengganu, Malaysia.
- Prof. A. Ravinder Nath, Dept. of Pharmacy recipient of Exchange Visitor Award.
- Prof. B. Bhadraiah, Dept. of Botany has been appointed as the Registrar of Satavahana University, Karimnagar.
- Prof. B. Prathibha Devi, Dept. of Botany received Best Teacher Award for the year 2012 from Government of Andhra Pradesh.
- Prof. B.N. Reddy, Dept. of Botany elected as the Fellow of A.P. Akademi of Sciences.
- Prof. C. Manoharachary, Professor Emiretus, Dept. of Botany has been awarded the Platinum Jubilee Fellowship of National

Academy of Sciences, India (NASI).

- Prof. C.C. Giri, Centre for Plant Molecular Biology elected as the Fellow of A.P. Akademi of Sciences.
- Prof. Chennappa, Dept. of Telugu honoured with SVR Vidya Puraskaram, Dwadasi Laxmi Prasanna Puraskaram and Keerthi Puraskaram.
- Prof. D. Ramakrishna, Dept. of Electronics and Communication Engineering elected as Secretary/Treasurer for MTT/AP/EMC Joint Chapter of IEEE Hyderabad Section.
- Prof. D. Surya, Dept. of Telugu honoured with Sahitya Puraskar, Banjara Lit, and Banjara Ratna – 2013.
- Prof. E. Suresh Kumar, Dept. of English received Best Teacher Award for the year 2012 from Government of Andhra Pradesh.
- Prof. Fatima Begum, Dept. of Urdu received 'Best Teacher Award' from Urdu Academy, Andhra Pradesh (2012)
- Prof. Fatima Begum, Dept. of Urdu received 'Karname Hayat Baraye Tadrees Award' from Urdu Academy, Andhra Pradesh (2012)
- Prof. Fatima Begum, Dept. of Urdu received 'Subaidar Ameer Ali Khan Peace Award' (2012)
- Prof. G. Bhagyanarayana, Dept. of Botany has been appointed as Vice-Chancellor, Palamuru University, Mahabubnagar.
- Prof. G. Sudarshan Reddy was nominated as a Member for the Indian Historical Records Committee for a period of 5 years with effect from 26-09-2011 to 03-07-2016.
- Prof. Gopal Reddy, Dept. of Microbiology elected as the Fellow of A.P. Akademi of Sciences.
- Prof. K. Ramakrishna (Retd), Dept. of History received 'Indira Gandhi NSS National Award' for 2012-13 from Sri. Pranab Mukharjee, President of India for Best University Programme Co-ordinator in the Country
- Prof. K. Veera Reddy, Dept. of Chemistry has been appointed as Vice-Chancellor, Satavahana University, Karimnagar.
- Prof. L. N. Sarada, Dept. of Chemistry recipient of 'Dr. Ambedkar Fellowship National Award' 2012.
- Prof. M. Andamma, Dept. of Telugu honoured with Ugadi Puraskaram and SVR Vidya Puraskaram.
- Prof. M. Gona Naik, Dept. of Telugu honoured with Kaloji Sahitya Puraskaram and Kendra Tribal Literacy Award.
- Prof. Maimoona, Dept. of Urdu honoured by Andhra Pradesh Urdu Academy for his book titled 'Nigaarshaat-E-Shaz

Tamkanat'.

- Prof. Mehjabeen Akther, Dept. of Arabic recieved Best Teacher Award for the achievement of literary contribution.
- Prof. P. Nagaraja Rao, Dept. of Zoology received Gold Medal from Zoological Society of India, Bodh Gaya.
- Prof. Prathibha Nallari, Dept. of Genetics received Best Teacher Award for the year 2012 from Government of Andhra Pradesh.
- Prof. Pratibha Nallari, Dept. of Genetics honoured with 'National Integration Award' by Health Care International – USA/India – 2013.
- Prof. Pratibha Nallari, Dept. of Genetics honoured with Sadhana Spoorthy – Mother Teresa Award by Sri Lalitha Cultural Association – 2013.
- Prof. Pratibha Nallari, Dept. of Genetics honoured with Surveypalli Puraskar by Awardee Teachers Association – 2013.
- Prof. S. Seeta Ram Rao, Dept. of Botany has conferred best teacher award by the government of Telangana in 2012.
- Prof. S. Sudarshan Rao, Dept. of Library & Information Science received Best Teacher Award for the year 2012 from Government of Andhra Pradesh.
- Prof. S. Sudershan Rao, Dept. of Library & Information Science has been awarded 'ICSSR Senior Fellowship' for 2013.
- Prof. V.V.S. Kumar, Dept. of Civil Engineering appointed as Member, Planning Commission, Government of India.

2013-14

- Dr. B. Bhima, Dept. of Microbiology has received Research Excellence Award from INDUS Foundation.
- Dr. B. Bhima, Dept. of Microbiology has received Young Scientist Award from Society for Applied Biotechnology.
- Dr. G. Mallesham POSOCO power system award 2013, for outstanding contribution in the category of Doctoral research work.
- Dr. M. Vijjulatha, Dept. of Chemistry, nominated as Member of American Chemical Society (2013-14)
- Prof. M. Vithal, Professor of Chemistry has been elected a Fellow of the Andhra Pradesh Academi of Sciences (FAPAS).
- Dr.S.Padmaja, Dept. of Geography has awarded Geography Emeritus Fellowship from UGC, 2013-2015.
- Prof. A. Ramulu, Dept. of Sanskrit received 'Certificate of

Appreciation' from Dept. of Higher Education, Govt. of Andhra Pradesh.

- Prof. C. Venugopal Rao, Dept. of Geography has conferred has awarded 'Edupreneurs Award 2013' for contribution in positioning India as an emerging destination for higher technical education by attracting Foreign Students to Osmania University, Edupreneurs' Conclave, organized by Engineering Watch, New Delhi. (As Director, UFRO, O.U)
- Prof. D. Chennappa, Dept. of Commerce, OU has been selected for UGC Research Award for three years to undertake the Research Project "Health Insurance in India – Emerging issues and challenges."
- Prof. Fatima Begum, Dept. of Urdu has been awarded 'Karnama-e-Hayat for Teaching' (Life Time Achievement Award in Teaching) from Urdu Academy, Telangana.
- Prof. K. Laxmi, Dept. of Political Science has been conferred with Best Teacher Award by the Govt. of AP for the year 2013.
- Prof. Kalpana Markandey, Dept. of Geography elected as Member, International Board of Directors, Asian Urban Research Association, 2013-2015.
- Prof. L.N. Sharada, Dept. of Chemistry received Best Teacher Award from Science-Tech Foundation, Bangaluru.
- Prof. Manwal Deva Das ,Dept. of Chemistry, nominated as Fellow of Royal Society of Chemistry (FRSC, UK) and Charted Chemist (CChem, RSC)
- Prof. Ravande Kishore, Dept. of Civil Engg., recieved 'Concrete Engineer of A.P.' award for the year 2013.
- Prof. S. Ramachandram, Dept. of Computer Science and Engineering has been conferred with Best Teacher Award by the Govt. of AP for the year 2013.
- Prof. S. Seeta Rama Rao, Dept. of Botany has been conferred with Best Teacher Award by the Govt. of AP for the year 2013.
- Prof. Y. Pardhasaradhi, Dept. of Public Admnistration received Best Paper Award in 2013, 'Revisiting Minnowbrook: Praxis and Change'

2014-15

- Dr. Mohd Abdul Muyeed, Dept. of Urdu received First Prize for the Book "Dil Keh Raha Hai" (A Collection of Urdu Poetry) from Telangana State Urdu Academy.
- Dr. Mohd Abdul Muyeed, Dept. of Urdu received the Best Teacher Award from Telangana State Urdu Academy.

- Dr. N. Venkateshwarlu has awarded UGC Research Award on "Online Disputes Resolution".
- Dr. P. Satish Kumar, Dept of Electrical Engg., Award for Research Excellence" at Indo-Global Education Expo & Summit 2014
- Dr. P. Satish Kumar, Dept of Electrical Engg., conferred Best Young Teacher Award in 2014 from Telangana State Government,
- Dr. P. Satish Kumar, Dept of Electrical Engg., Global Teacher Role Model Award-2015 from the Manushyabal Vikas Lokaseva Academy, Mumbai
- Dr. P. Vishnu Dev, Dept. of Sociology has been recognized as "Visiting Professor" at University of Tubingen, Germany to teach Post-Graduate Students for International Course of Summer Semester during 2014-15 and 2015-16.
- Dr.B.Srinagesh , Dept. of Geography has awarded UGC-Research Awardee (PDF) 2014-2016.
- Prof. Ch. Sarala Devi, Dept. of Chemistry, nominated as Life Member of Indian Chemical Society, Indian Council of Chemists and Indian Association of Chemistry Teachers
- Prof. G.B. Reddy appointed as member, General Council, NALSAR Law University, Hyderabad.
- Prof. K. Panth Naik appointed as a member of the HWPL Peace Advisory Council to accomplish Worldwide Cessation of War and to leave peace as a legacy for the future generations.
- Prof. M. Gopal Reddy, Dept. of Microbiology has been conferred with Best Teacher Award by the Government of Telangana in 2014.
- Prof. M. Kumar, Dept. of Civil Engg., received Best Research Paper Award, Institute of Research for Engineers and Doctors, California, USA.
- Prof. M. Kumar, Dept. of Civil Engg., STA Co-ordinator PMGSY, NRRDA, Govt. of India.
- Prof. P. Nagaraja Rao, Dept of Zoology has been awarded with AZRA fellowship.
- Prof. S.V. Satyanarayana, Dept. of Commerece received "Best Business Academic of the Year Award" in December, 2014.

2015-16

- Dr. B. Bhima, Dept. of Microbiology has been conferred Best Teacher Award by the Govt. of Telangana

- Dr. B. Bhima,Dept. of Microbiology elected as Associate Fellow of Telangana Science Academy
- Dr. B. Rajendra Naik received Young Faculty Research Fellow from DeitY, Government of India.
- Dr. C. Srinivasulu, Assistant Professor, Dept. of Zoology Elected as a Fellow of the Linnean Society of London in January 2016.
- Dr. C. Srinivasulu, Assistant Professor, Dept. of Zoology Elected as a Fellow of the Zoological Society of London in June 2016 .
- Dr. Hameeda Bee, Dept. of Microbiology elected as Associate Fellow of Telangana Science Academy
- Dr. Smita C. Pawar, Dept. of Genetics has been conferred with Best Teacher Award by the Govt. of Telangana.
- Dr.Vijaya Bhole , Dept. of Geography has awarded Geography Emeritus Fellowship from UGC, 2015-2017.
- Prof. B. Balaswamy, Dept. of Communication and Journalism received best teacher Award from Public Relations Society of India (PRSI).
- Prof. B. Prathibha Devi, Dept. of Botany, awarded the UGC-BSR Faculty Fellowship in 2016 and nominated as a DBT Member Institutional Biosafety Committee of Prof. Jayashanker Agri. University.
- Prof. B. Sashidhar Rao, Dept. of Biochemistry appointed as a Member of Scientific Panel of Food Safety, Standards Authority of India (FSSAI), Govt. of India.
- Prof. B. Sashidhar Rao, Dept. of Biochemistry elected as Fellow of Telangana Academy of Science in 2015.
- Prof. C. Manoharachary, Professor Emiretus, Dept. of Botany conferred with Life time Achievement Award by IBS and I.P.S. Award in February 2016.
- Prof. C. Venugopal Rao, Dept. of Geography has conferred has awarded 'Vidya Shiromani Awardee' by Citizen's Council of Telangana (CCTG) - a Social Service Organisation, on the eve of 61st Teachers Day Celebrations, on 5th Sept, 2015, Hyderabad.
- Prof. K. Shankaraiah, Dept. of Commerce has been conferred with Best Teacher Award by the Govt. of Telangana for the year 2016.
- Prof. K.V. Rao, CPMB elected as Fellow of Indian National Science Academy

- Prof. Kalpana Markandey, Dept. of Geography has conferred 'Regional Development and Planning Specialty Group (RDPSG) Enrichment Award' by American Association of Geographers, San Francisco, USA, March, 2016.
- Prof. Kalpana Markandey, Dept. of Geography has conferred Geography Teacher Award by Deccan Geographical Society of India at Udaipur in October, 2015.
- Prof. Pratibha Nallari, Dept. of Genetics awarded Bharatha Mahila Shiromani Award; Health Care International – 2015
- Prof. R. Limbadri, Dept. of Public Administration Basic of Public Administration Telugu Academy, 2016.
- Prof. S. Ramachandram, Dept. of Computer Science and Engineering confeered 'Best Engineering Teacher Award' by the Institution of Engineering (India) Telangana State Center.
- Prof. S. Ramachandram, Dept. of Computer Science and Engineering has been awarded "Best Engineer's Award" by IETE.
- Prof. Sriram Venkatesh, Dept. of Mechanical Engg., received Engineer of the Year Award-2016 jointly by the Institute of Engineers (India) Telangana State Center and Government of Telangana.
- Prof. V. Sudarshan, Dept. of Geochemistry has conferred Best Teacher Award by the Govt. of Telangana in 2015.
- Prof. V.D. Reddy , Centre For Plant Molecular Biology, Fellow, The National Academy of Sciences
- Prof. V.S.S. Kumar, Dept. of Civil Engg., selected as a member Southern Central Regional Committee, Hyderabad, AICTE.

3.4.5 Indicate the average number of successful M.Phil. and Ph.D. scholars guided per faculty during the last six years. Does the university participate in *Shodhganga* by depositing the Ph.D. theses with INFLIBNET for electronic dissemination through open access?

- The average number of Ph.Ds produced by the faculty during the last six years is 7.39.
- Yes. The University has entered into MoU with the UGC to participate in Shodhganga.

3.4.6 What is the official policy of the university to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.

- The university adopts the policy of zero tolerance to malpractice and plagiarism in research.
- One case of malpractice has been detected and the candidate was

debarred, and the research supervision of the guide was suspended for five years.

3.4.7 Does the university promote interdisciplinary research? If yes, how many interdepartmental / interdisciplinary research projects have been undertaken and mention the number of departments involved in such endeavours?

Yes.

S.No.	Programme	Departments
1.	DBT-ISLARE	Botany, Zoology, Biochemistry, Genetics, Microbiology and CPMB
2.	UGC-CPEPA	Botany, Chemistry and Biochemistry
3.	UGC-UPE-FAR	Biochemistry, Botany, Chemistry, Genetics, CPMB, Physics, Zoology, Technology, Biomedical Engineering and Microbiology
4.	UGC-UPE-CART-ES	Geology, Applied Geochemistry, Geophysics and Geography
5.	UGC-UPE-CART-ML	All language departments
6.	UGC-UPE-CART-GD	Political Science, Public Administration, Economics and Commerce
7.	MHRD-TEQIP	All Engineering and Technology departments
8.	DST-PURSE I & II	Biochemistry, Botany, Chemistry, Genetics, CPMB, Physics, Zoology, and Microbiology

3.4.8 Has the university instituted any research awards? If yes, list the awards.

No. However, the university recommends/nominates the outstanding researchers to various State, National and International awards.

3.4.9 What are the incentives given to the faculty for receiving state, national and international recognition for research contributions?

Nil.

3.5 Consultancy

3.5.1 What is the official policy of the university for structured consultancy? List a few important consultancies undertaken by the university during the last six years.

The university has formulated the following guidelines in respect of consultancy projects undertaken by the university faculty:

Category – I: Consultancy extended under this category would involve advice/guidance/supervision extended by the consultant without carrying out experimental work or utilizing the University facilities for consultancy work. This would constitute intellectual property of the consultant. From the

consultancy amount received on the activity, the consultant would be permitted to receive 80% of the consultancy amount.

Category – II: Involves utilization of the university facilities including laboratories/instrumentation/library/networking etc. The consultant would be permitted to receive 50% of the consultancy amount.

Category – III: Involves turnkey projects. The consultant and the consulter would submit details of the turnkey projects. After scrutiny of the proposal, the modalities of implementing the turnkey projects would be evolved on a case to case basis.

Some of the consultancy projects undertaken by the faculty members are listed below:

S.No.	Name of the Company	Department	Amount (Rs. in Lakhs)
1.	Hetero Drugs Pvt Ltd	Chemistry	30.96
2.	Swarna Bharat Biotechn-ics Pvt Ltd	CPMB	133.39
3.	Vistarr Infra Projects Pvt Ltd	Microbiology	7.50
4.	Bharat Petroleum Corp Ltd	Microbiology	42.88
5.	AMD, Govt. of India	Geophysics	5.50
6.	VOPL	Microbiology	4.00
7	M/S. Swarnabharat Biotech Pvt. Ltd.	Centre for Plant Molecular Biology	139.35
8	GHMC, QQSUDA, Singareni, HMDC, Indian Railways, etc	Dept of Civil Engg	96.75
Total Grants Received			460.33

3.5.2 Does the university have a university-industry cell? If yes, what is its scope and range of activities?

- Osmania University has established the "University - Industry Hub" headed by a professor to augur dynamic interactions with local industries such as those involved in information technology, biotechnology and bulk drug manufacture.
- It facilitates a direct interaction of academia with industry representatives.

3.5.3 What is the mode of publicizing the expertise of the university for consultancy services? Which are the departments from whom consultancy has been sought?

- The university encourages and motivates the departments to publicize the expertise available through booklets, print media and university website.
- RDCC lists the available expertise, and laboratory/infrastructural facilities in the university and distribute it to all the industrial organizations/educational and research institutions.
- The main departments involved in various consultancy include CPMB, Microbiology, Geology, Civil Engineering, Mechanical Engineering, NERTU, etc.

3.5.4 How does the university utilize the expertise of its faculty with regard to consultancy services?

- The university utilizes the faculty to undertake maximum possible consultancy projects through RDCC and IDIC, and by offering financial incentives.

3.5.5 List the broad areas of consultancy services provided by the university and the revenue generated during the last six years.

Broad areas of Consultancy Services provided by individual departments through RDCC and IDIC are:

Centre for Plant and Molecular Biology (CPMB)

1. R-DNA Technology
2. Bio-Informatics

Dept. of Zoology

1. Integrated Pest Management and Insecticide Testing
2. Fisheries – Culturing of Edible and Ornamental Fishes
3. Wildlife – Conservation and Management

Dept. of Physics

1. Liquid Nitrogen Plant.
2. Measurement of Physical Properties of Solids
3. NDT of materials (XRD, DSC, IR, Impedance analysis)
4. Synthesis and Characterization of Nano Materials, Superconductors, Ferrites, CMR Materials.

Engineering College

1. Structural Design
2. Soil Testing and Certification
3. Building Materials Testing and Certification
4. Structural stability analysis
5. Software testing
6. Netware testing
7. Embedded systems
8. Navigational electronics
9. Communication technologies
10. Thermal stress analysis
11. Energy systems
12. Waste management technologies
13. Additive manufacturing (3D printing)

College of Technology

1. Environmental Biotechnology
2. Food Technology
3. Bio-process Engineering and Biotransformation
4. Chemical Process Development and Downstream Processing

Department of Biochemistry

1. Bioremediation
2. Toxicology
3. Immuno diagnostics
4. Biochemical preparations
5. Analytical Instruments, HPLC, LCMS, Quality composition

Department of Chemistry

1. Isolation of pure active compounds from Indian Medicinal Plants for use of drugs or starting materials for further synthetic transformations.
2. Synthesis of drug intermediates and fine chemicals

Department of Business Management

1. Consumer Surveys for BSNL
2. Consumer Surveys for SBH

The amount generated through the consultancy services is about Rs 460.33 lakhs.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the university sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience during the last six years.

- In some departments, extension activities and social outreach programmes, are an integral component of the curriculum.
- The Institute of Genetics conducts regular outreach programmes on counselling on genetic disorders, pyschlogical counselling and other familial issues.
- The Earth Sciences departments conduct surveys for water prospecting and divining.
- The Life Sciences departments organize regular nutrition and dietary counselling.
- The Law department provides legal advices and counselling to the needy.
- The Law department also constituted Free Legal Aid and Family Counselling Centre under the aegis of District Legal Services Authority, Hyderabad to facilitate settlement of legal matters locally.
- As envisaged in the 12th Plan, the UGC encouraged the universities to participate in Life Long Learning Programmes as part of University extension and outreach programmes. The Life Long Learning department has conducted need-based continuing education courses and skill development for different target groups. The department also established student counselling and career guidance centre to help the students to choose suitable career as per their academic qualifications and personality. In order realize the role of universities in knowledge dissemination in addition to creation and also as part of the third dimension, namely, extension and outreach the Osmania University has adopted four villages – Parvathapuram, Prathapasingaram, Thattiannaram and RK Nagar in Rangareddy district, where in community empowerment, social and legal awareness programmes, skill development and income generating programmes were organized.

3.6.2 How does the university promote university-neighborhood network and student engagement, contributing to the holistic development of students and sustained community development?

- Through the NSS activities
- Community Development Programs under TEQIP
- As a part of curriculum in B.Ed, MA (Sociology), MA (Psychology) programmes
- Conduct of Outreach programmes under UPE programme

3.6.3 How does the university promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International programmes?

The following designated officers of the university ensures the students participate in the programs as part of their curriculum:

1. Coordinator NSS
2. Coordinator, Training and Orientation Centre
3. Head, Department of Life Long Learning
4. Dean, Student Affairs
5. Youth Welfare Officer

The University has constituted the following wings for conducting extension work to ensure social justice.

- Centre for Women Studies
- Centre for Educational Development of Minorities
- Office of Student Affairs
- NSS and NCC units

Through these wings the participation of students and faculty in the extension activities is ensured. Participation of students in:

NSS: 30600 volunteers

NCC: 3 Units

NGOs: Some of the teachers from Physical Sciences and Biological Sciences departments are actively associated with the voluntary, Dr AS Rao Awards Council's CETSAM – Capacity Enhancement of Teachers in Science and Mathematics a program funded by Ratan Tata Trust and supported by the Government of AP for the school teachers of Mahboob Nagar District.

As a part of this program the teachers from University are associated with the workshops conducted for the benefit of school teachers by delivering lectures and participating in group discussions.

Some teachers are on the editorial board of the monthly magazine "Vignanamalika" run by the council, in the regional language for the benefit of the school teachers. They contribute articles that are useful to the School teachers and also clear their doubts and queries.

They also help the organization in conducting the talent search examinations for school children.

The teachers are also associated with the residential practical workshops organized by Dr AS Rao awards Council, for the school children every year,

by conducting experiments and delivering extension lectures on topics of current interest.

3.6.4 Give details of social surveys, research or extension work, if any, undertaken by the university to ensure social justice and empower the underprivileged and the most vulnerable sections of society?

I. The University ensures the social justice to under privileged sections through its established wings:

1. SC/ST Cell
2. Center for Educational Development of Minorities
3. Equal Opportunities Cell

- These cells are responsible for the periodic monitoring of the academic growth and arranges for remedial interventions through conducting classes and training.

- These Cells also organize training for competitive examinations.

II. The Centre for Women's Studies established in 1997 promotes Women Studies through Teaching, Research, and Counseling and Social activism to affect the women's lives and their living environments by creating awareness on gender inequalities. This center aims:

a) To develop interdisciplinary research on studies concerning women, gender issues and human relations.

b) To organize local, national and international seminars, conferences, colloquia and workshops on women and gender studies.

c) To publish research findings on women studies and gender issues.

3.6.5 Does the university have a mechanism to track the students' involvement in various social movements / activities which promote citizenship roles?

Yes.

The Dean, Student Welfare, Youth Welfare Officers and Hostel Wardens at the University level, and Student Advisors and Mentors at the Department/College level track the students' involvement in various social movements.

University students have taken proactive role in the Telangana Agitation for separate statehood leading to the formation of Telangana State.

3.6.6 Bearing in mind the objectives and expected outcomes of the extension activities organized by the university, how did they complement students' academic learning experience? Specify the values inculcated and skills learnt.

The participation of the students in extension activities leads to practical experience which effectively supplements their theoretical knowledge.

These experiences also lead to:

- imbibing awareness of civic responsibility
- social understanding
- leadership
- community and team building skills
- facing the challenges in society

3.6.7 How does the university ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the university which have encouraged community participation in its activities.

The university encourages the students, staff and teachers to participate actively in various outreach programmes organized through NSS and on special days to inculcate a sense of social responsibility of all stake holders of the University. The following are few important activities:

2012-13

- Sensitisation regarding judicious use of groundwater
- Maintaining green lung space – attracting morning walkers from neighbourhood
- Rain water harvesting – recharge pits and check-dams throughout the campus
- Conduct of AIDS awareness, anti-narcotics activities etc. at department level under outreach and extension activities
- Organised Environmental Awareness Campaign Rally on 'My Earth, My Duty'
- Organised the Literacy Programmes in select villages/slums adopted by the University
- Mass tree plantation during Vanamahostav Week Celebrations
- Organised district level orientation programme on biodiversity
- Organized Legal Literacy Camps in the nearby villages to spread legal awareness

Conducted free legal counselling to the needy sections with the help of faculty and students of the Department of Law in association with the district legal services authority.

2013-14

- The Department of Journalism conducted a training programme for students from marginalised sections on journalism education.
- Conducted a workshop on Soft Skills, Office Procedures and Accounts for the non-teaching staff as a part of capacity building during 12-14 November, 2013.
- The faculty participated in several workshops and skill development training sessions targeting students from high school to colleges, state and central Government institutions.
- Started a new course – Society Outreach Programme (Practical) for UG Engineering students to increase sensitivity on social issues.
- Through the Centre for Women's Studies, regular programmes have been conducted to sensitise women about their rights, entitlements and status to conduct their lives better.
- Maintaining green lung space – attracting morning walkers from neighbourhood
- Rain water harvesting – recharge pits and check-dams throughout the campus
- Conduct of AIDS awareness, anti-narcotics activities etc. at department level under outreach and extension activities
- Organised the Literacy Programmes in select villages/slums adopted by the University
- Mass tree plantation during Vanamahostav Week Celebrations
- Organised district level orientation programme on biodiversity
- Organized Legal Literacy Camps in the nearby villages to spread legal awareness

Conducted free legal counselling to the needy sections with the help of faculty and students of the Department of Law in association with the district legal services authority.

2014-15

- Conducted several fieldworks for women empowerment through self-help groups in certain villages in Ranga Reddy district.
- Conducted awareness programmes for school and colleges in the districts of Hyderabad, Ranga Reddy and Karimnagar to create awareness on environmental issues, save girl child, encourage girl education,

elimination of violence against women, ills of tobacco consumption, AIDS awareness and natural resource conservation.

- The faculty from Department of Arabic have delivered guest lectures on Arabic literature and also acted as resources persons.
- Through the Centre for Women's Studies, the following programmes have been conducted to sensitise women about their rights, entitlements and status to conduct their lives better:
  - A roundtable conference on 'Safety and Security of Women in Telangana State' was conducted on 19-07-2014.
  - A seminar on 'Violence against Women' was conducted on 25-11-2014.
  - A symposium on 'Human Rights: Women's Rights' was conducted on 10-12-2014.
  - A roundtable conference on 'Save Girl Child and Encourage Girl Education' was organised on 21-01-2015.
  - A symposium on 'Women Empowerment in Telangana State' was organised on 07-03-2015.
- Maintaining green lung space – attracting morning walkers from neighbourhood
- Rain water harvesting – recharge pits and check-dams throughout the campus
- Conduct of AIDS awareness, anti-narcotics activities etc. at department level under outreach and extension activities
- Organised the Literacy Programmes in select villages/slums adopted by the University
- Mass tree plantation during Vanamahostav Week Celebrations
- Organised district level orientation programme on biodiversity
- Organized Legal Literacy Camps in the nearby villages to spread legal awareness
- Conducted free legal counselling to the needy sections with the help of faculty and students of the Department of Law in association with the district legal services authority.
- Department of Students Welfare and Directorate of Academic Audit brought out a poster depicting anti-ragging message and distributed to all the colleges at the beginning of the academic year 2014-15.

  Organised one day Elocution on birth anniversary celebrations of SardarVallabhai Patel on October 31, 2014 being observed as National Unity Day (Rashtriya EktaDiwas).

2015-16

- Conducted several fieldworks for rural and women empowerment through self-help groups in few villages in Ranga Reddy and

Mahabubnagar districts.

- Conducted awareness programmes for school and colleges in the districts of Hyderabad, Ranga Reddy, Mahabubnagar and Karimnagar to create awareness on environmental issues, save girl child, encourage girl education, elimination of violence against women, ills of tobacco consumption, AIDS awareness and natural resource conservation.
- The faculty from many Departments of the University have delivered guest lectures on various themes and subjects, and also acted as resources persons.
- Through the Centre for Women's Studies, the following programmes have been conducted to sensitise women about their rights, entitlements and status to conduct their lives better.
- Several departments of the University have conducted a series of Swacch Bharath – Swacch Department programmes.
- Maintaining green lung space – attracting morning walkers from neighbourhood
- Rain water harvesting – recharge pits and check-dams throughout the campus
- Conduct of AIDS awareness, pulse polio immunisation awareness, health hygiene and sanitation awareness, child labour and child marriages eradication awareness, anti-narcotics activities etc. at department and villages-slums under outreach and extension activities
- Organised the Literacy Programmes in select villages/slums adopted by the University
- Mass tree plantation during Vana Mahostav Week Celebrations
- Organised district level orientation programme on biodiversity
- Organized Legal Literacy Camps in the nearby villages to spread legal awareness
- Conducted free legal counselling to the needy sections with the help of faculty and students of the Department of Law in association with the district legal services authority.
- Department of Students Welfare and Directorate of Academic Audit brought out a poster depicting anti-ragging message and distributed to all the colleges at the beginning of the academic year 2015-16.
- Organised celebrations on the birth anniversaries of major luminaries of India such as Sardar Vallabhai Patel on October 31, 2015.
- Organised five Entrepreneurship awareness camps for the benefit of un employed youth for starting their own start-up companies and also organised one faculty development programmes on entrepreneurship though Entrepreneurship Development Cell (EDC), Osmania University. About 477 participants have been benefitted.

CELT has conducted summer camp for school children. A total of 100 students have participated.

3.6.8 Give details of awards received by the institution for extension activities and/contributions to social/community development during the last six years.

- NSS unit of Osmania University received "Indira Gandhi National Service Scheme Award", at a function held on 19.11.2013 from the Hon'ble President of India.
- A mega blood donation camp at Arts College, OU was organized on 24-09-2008 by the NSS Unit. A record number of 350 blood units were collected wherein 1000 students from 50 colleges took part. The University won appreciation from the Red Cross Society of India for this humanitarian gesture.
- Ministry of Youth Affairs and Sports .Government of India has sanctioned NSS empanelled Training Institute Centre to Osmania University for conducting training programmes to Programme Officers of all the districts of Telangana state.
- 306 NSS units of Osmania University adopted 306 villages from Hyderabad,Ranga Reddy and Medak districts to intiate developmental programmes like Swatch Bharath,Telangana Haritha Haram,creating awareness regarding Child Education ,Health & Hygiene and Women Empowerment etc.
- Ms. Madhuri Ganesh was represented India at the Youth Exchange Programme at Russia in 2013. Also attended the Republic Day Camp at Delhi in January, 2013.
- Ms. Velluri Vijigeesha has attended the Republic Day Camp at New Delhi in January, 2014.
- Vkheel Rahul attended the National **AIT** Attachment camp, 2015 (OIC) at Air Force station Bidar, Karnataka, Directorate, has got “A” Grade.
- Ms. Meghana Chakravarthy has attended the Special National Integration camp at Port Blair, Andaman and Nicobar Islands, in February, 2016 and bagged “A” Grade.

3.7 Collaboration

3.7.1 How has the university’s collaboration with other agencies impacted the visibility, identity and diversity of activities on campus? To what extent has the university benefitted academically and financially because of collaborations?

- The university has several collaborations with national and international agencies that helped placing itself on the global map as a premier institute of higher education.

- This has led to increased number of memorandum of understandings with institution of reputes for academic, research and other pursuits
- These have resulted in generation of finances to the extent of Rs. 40.00 lakhs.

3.7.2 Mention specific examples of how these linkages promote

* Curriculum development

- Modular programmes at degree level in Hospitality, Aviation and Tourism Management through distance mode in collaboration with UEI Global.
- PG Diploma courses in Health Care such as Operation Theatre Technology, Cardiac Anesthesia Technology, Medical Research Assistant, Cardiac Care, Perfusion Technology, Cath Lab Technology, Cardiac Medical Lab Technology, Perfusion Technology, Cardiac Pulmonary Physiotherapy, Eco Cardiagraph & Sonography, and Medical Transcription in collaboration with leading corporate Hospitals.
- M.Phil. and Ph.D. programmes in Defence and Strategic Studies with the College of Air Warfare.
- MMS, M.Phil. and Ph.D. in Management Studies with the College of Defence Management.
- PG Diploma in Geoinformatics with Geological Survey of India.
- PG Programme in CAD/CAM and Tool Design with MSME.
- PG Diploma in Radiological Physics with Indo-American Institute of Oncology, MNJ Cancer Hospital, KIMS, BARC.
- Diploma in Emergency Medicine with EMRI.

* Internship & on-the-job training

The visits of the students to the organizations / institutions with linkages as a part of curriculum for **internship** and project work provide access to advanced technologies and this helps them in improving their knowledge and skills.

- The departments of college of Engineering and Technology have MoUs for student internship with national institutes of repute like RCI, DRDL, Midhani, ECIL, DMRL, BHEL (R&D), NFTDC, etc.
- The departments of college of Science have MoUs for student internship with national institutes of repute like NGRI, IICT, NRSC, State Forensic Laboratories, etc.

* Faculty exchange and development

- Joint research activity and exchange of staff and students with University of Western Australia.

- Bilateral academic cooperation through staff, student, exchanges and undertaking of joint research and academic activities in the area of Library and Information Sciences with Mahasarakham University, Thailand.
- Joint research activity and exchange of staff and students with University of Bristol, UK. One faculty member and two research scholars got benefitted due to this programme.

* Research

- Experimental neurolathyrism in goat – a collaborative study with National Institution of Nutrition.
- Collaborative research in Geophysics with ALCORE.
- Scale-up the isolated stem cells and performs the tasks of inducing them to islets and subsequent characterization by IHC and Flow Analysis in collaboration with Global Hospitals, funded by DST.
- Explore, design and implement relevant research initiatives such as biotechnology, nanotechnology, engineering and analytical instrumentation; and extension projects with ICRISAT.

* Publication

- The collaborative research programmes have resulted in considerable number of publications with high citation index.

* Consultancy

- Research collaboration for use of microbial enzymes for production of ethanol with Bharat Petroleum Corporation Limited.
- Development of pest resistant seeds with Swarna Bharathi Consortium of seed companies.
- Zailitol production from waste material with Supreme Paper Mills, Kolkota.

* Extension

- Training of Trainers Programme on Anti Ragging measures.
- Swine Flu awareness programme in association with Lions Club, Dharma Kiran Government Homeopathic Hospital and Hetero Drugs.

* Student placement

- Organised Job Melas and Career Awareness Programmes in collaboration with industries.
- On campus premium companies conduct Recruitment Drives with IT giants.

* Any other (please specify)

International Conference on Reforms in Technical Education – Global Trends: This event took place during August 27-28, 2010 at the University College of Engineering with an aim to provide common platform to industry, academia and other stake holders and to discuss and deliberate on issues and to come out with guidelines to improve quality of technical education. Distinguished missile Scientist and Scientific Adviser to the Defence Minister Dr. V.K. Saraswat and Wipro Technologies (Hyderabad) Vice-President T. S. Krishnamurthy participated.

International Conference on Climate Change: Perspectives and Projections – A Systems Approach: The third International Conference was organized by Universityduring December 9-11, 2010. Prof. Alexey V. Byalko, LD Landau Institute for Theoretical Physics, Russia delivered keynote address. This event had the presence of about 500 delegates – academicians, scientists and policy makers from India and abroad.

The Dept. of Mechanical Engineering organised the **National Conference on Emerging Trends in Mechanical Engineering** (ETIME) 29-30 December, 2014 in collaboration with DRDO, Ministry of Defence, Govt. of India.

The Dept. of Mechanical Engineering organised the **International Conference on Advances in Materials & Manufacturing** (ICAMM) 8-10 December, 2016 in collaboration with DRDO, Ministry of Defence, Govt. of India.

International Workshop on Field and Laboratory Techniques to Document, Study and Conserve Chiroptera. This event took place between January 27-31, 2016 at the University College of Science with an aim to provide hands-on training to researchers from four South Asian countries in conducting bat studies. Prof. Gareth Jones, University of Bristol, UK, Prof. Stephen J. Rossiter from Queen Mary University of London and Dr. Jon Flanders, Stanford University were the international experts to train the participants.

3.7.3 Has the university signed any MoUs with institutions of national/international importance/other universities/ industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the university?

Yes.

1. ALCORE Technologies Ltd. to provide facilities for training of PG students and Research Scholars of the Department of Geophysics, OU in commercial applications and in the field of geophysical studies like manpower, etc. 2009–2012.

2. AMD Research & Development Center India Pt. Ltd. for recruitment

of co-ops and students chosen for co-ops be in good standing at their school or University. 2016–2020.

3. Berggren Education Pvt. Ltd. to offer Bachelor Degree in Hospitality, Aviation in Tourism Management course under Distance Mode. 2008–2013.

4. Berggren Education Pvt. Ltd. to offer Bachelor Degree in Hotel Management and Catering Technology under distance mode. 2009–2018.

5. Berggren Education Pvt. Ltd. to offer BBA Courses under Distance Mode. 2009–2018.

6. Berggren Education Pvt. Ltd. to offer Diploma in Hotel Management, Diploma in Food Preparation and Advance Diploma in Hotel Management under Distance Mode. 2010–2019.

7. Bharat Petroleum Corporation Limited to develop microbial ezymes for the hydrolysis of biomass to ethanol production using thermos tolerant yeasts. 2009–2019.

8. Bursar of Police Research Development collaborative research studies in the areas of interest to police and correctional administration. 2010–2015.

9. Center for Liver Research and Diagnostics of Owaisi Hospital to offer PG Diploma Course in Stem Cell Technology to enroll students. 2010–2012.

10. CMC – A TATA Enterprise introduce Bachelor of Science (B.Sc.) 2010–2019.

11. College of Air Warfare (CAW) to offer M.Phil. program in Defence and Strategic Studies to the officers in Defence Services. 2011–2016 (Under Renewal)

12. College of Air Warfare (CAW) to offer Ph.D. program in Defence & Strategic Studies to the officers in Defence Services. 2014–2017.

13. College of Defence Management for offering Masters, M.Phil. and Ph.D. Degree programmes in Management Studies and joint training programmes. 2012¬–2013.

14. College of Defence Management to collaborate in designing functionally designed programs (EDP) and short specific needs of the defense personal undertake training programs, seminars, symposia, etc. for management students. 2015–2017.

15. Directorate of Forensic Science, Ministry of Home Affairs, Govt. of India to offer M.Sc. (Forensic Science). 2006–2011.

16. GE Medical Associates for joint research programmes. 2009–2011.

17. Geological Survey of India, Training Institute (GSI TI) to offer Post-Graduate Diploma course in Earth Sciences to the enrolled students. 2011–2016.

18. Global Solutions, joint research project. 2010–2013.

19. Geological Survey of India, Training Institute (GSI TI) to offer Post-Graduate Diploma Course in Geoinformatics to the enrolled students. 2011–2016.

20. GVK Emergency Management and Research Institute and EMRI to offer Advanced PG Diploma in Emergency Care. 2013–2018.

21. ICRISAT (International Crops Research Institute for the Semi Arid Tropics) jointing explore design and implement relevant research such as biotech nanotech engineering and analytical instrumentation and extension projects and shared utilization of resources of both organizations. 2009–2014.

22. Indo-American Cancer Institute to offer Post M.Sc. Diploma in Radiological Physics at Department of Physics, OU. w.e.f. 2009.

23. International Education University of Utah to promote the advancement of international understanding, dissemination of learning and strengthening of cultural ties. 2010–2012.

24. International Institute for Insurance and Finance to offer one year Post Graduation Diploma in Insurance and Risk Management (Part time & Full Time) Full time MS Program in Actual Science and Post-Graduation in Personal Financial Planning (PGDPFP). 2008–2011.

25. Jumaali Majid Center for Culture and Heritage to provide the infrastructure for preservation, scanning / digitization of manuscripts in OU Library. 2006–2011.

26. Kansas State University to exchange of academic faculty, staff and post graduate students as visiting scholars for teaching assignments and enhance International Cooperation and mutual benefit by identifying in the field of Education & Research. 2008–2015.

27. M.N.J. Institute of Oncology & Regional Cancer Centre, Hyderabad - To collaborate in teaching and training programs through providing internships for three months after completion of one year Post M.Sc.

Diploma in Radiological Physics as a part of awarding Post M.Sc. Diploma. 2008-2009

28. Astra Microwave Pvt. Ltd. – Establishment of Microwave lab and to carryout Research in the field of Microwave circuit ,RF design and Antennas 2007-2012.

29. Cognizant Technology Solutions- Student/Faculty development 2007-2010.

30. G.E. Medical Associates (Global Hospital), Hyderabad (2008-09) - To Collaborate in the teaching, Research and training in selected and advanced thrust areas in S & T, Intellectual Property Rights, Consultancy work, University – Global Hospital Joint Research Programmes under funding from outside agencies – by the Department of Zoology, OU.

31. CipherCloud for establishing cloud computing laboratory and research in Security in Cloud Computing 2012-2015.

32. MSME- CITD, Ministry of Micro Small and Medium Scale Industries, Govt. of India – for conducting M.E Programmes in Mechanical Engineering and sharing resources, w.e.f. 2003.

33. Daikin Air-Conditioning India Pvt Ltd., New Delhi, Refigeration and Air-Conditioning Lab was established at College of Engineering. 2016-2019.

34. Progressive Software Solutions for internships and student projects. 2012-2015.

35. Mahasarakham University, Thailand – For bilateral academic cooperation in the area of Library and Information Sciences.2012-2015

36. Mahindra Ecole Centrale(MEC), an autonomous Engineering College to share the laboratories, research facilities, and expertise, w.e.f 2015

37. Mehdi NawajJung Institute of oncology and Regional cancer center (MNJ) for award of Post graduate and Doctoral Degree in the field of Nuclear Physics Solid State Physics Material Science and Radiation Physics. 2009–2014

38. Mekelle University to develop research activities and exchange of academic activities, cultural co-operations. 2010–2015.

39. Tokyo Metropolitan University - For faculty exchange 2009-2014

40. Missouri State University (2012-13) – for Joint Education Programmes including research and cultural opportunities for the students and the faculty from both the universities, signed on March 20, 2013.

41. IRISET, Indian Railways, Government of India for conducting M.Tech in Railway Signaling for IES probationers w.e.f. 2016-17.

42. Natural Bioenergy Ltd. to offer a project means and includes the work involving development of process for Efficient Utilization of jatropha seed cake by detoxification and recovery of residual hydrocarbon as proposed by OU. 2010-2012.

43. NBA and University College of Engineering, OU for conducting training on outcome based Education, outcome based Accreditation and Faculty development programme 2013–2015.

44. National Institute of Nutrition Research project "experimental neurotathyrism in goats" 2012–2014.

45. Oil and National Gas Cooperation Ltd. (ONGC) Scholarship to the students M.Sc Geo-Chemistry, Geology, Geophysics.2012 April any point of time

46. OMINI HOSPITALS to offer Advanced PG Diploma in Health Courses to the students (2 years 4 semesters). 2015-2107.

47. Sirte University, Libiya to start joint academic programmes in the field of Science, Engineering, technology and Management, MBA and Physical & life sciences subjects etc… w.e.fMay 26 2010

48. SKS micro fiancé Limited for training Modules in Spoken English to the employees of SKS Microfinance Ltd. 2010-2011.

49. Space Application Center Indian Space Research Organization (SAC – ISRO), Ahmedabad between Navigational Electronics Research & Training Unit, OU (NERTU) to deploy two IRNSS receivers at NERTU by SAC ISRO, Ahmedabad or its authorized agency. 2016–2018

50. Space Application Center, Indian Space Research Organization (SAC-ISRO), Ahmedabad between University College of Engineering, OU for allocating two state of the art – Indian Regional Navigation Satellite System (IRNSS) receivers to the Department of Electronics and Communication Engineering., University College of Engineering, 2016–2018.
51. Swarna Bharat Biotechnics Pvt. Ltd Pertaining to the Development and Transfer of Technology 2009-2014.

52. TATA institute of social science to exchange the faculty for a specific instructional programme such as seminars, workshops conference in the campus, 2010-2013.

53. The University of Western Australia, Perth Exchange of Staff and students, Joint Research and conferences 2009-2014.

54. University of Birjand, IRAN to provide academic study for students-Practical, Training and assignment for post graduate and Research Students and to provide teaching, research and Professional development assignments to the teaching faculty. 2005-2010.

55. Vivekananda SevaSamithi (VIKASA) Both the parties united by common interest and objectives of improving the Environment, ecology, soil and water conservation and Drainage, sanitation and other related works on the OU campus 2010-2012.

56. YASHODA HOSPITALS SECBAD to offer Advanced PG Diploma courses and Post Graduate Diploma Courses in Health Courses to the students. 2015-2017.

57. Medwin Institute of Medical Sciences, Hyderabad to run one year PG Diploma in courses in Healthcare.

58. Boeing, USA – Cyent, Hyderabad with Mechanical Engineering Dept. for Externship Programme for BE students.

3.7.4 Have the university-industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

- Cloud Computing Lab was established at University College of Engineering with M/s. CipherCloud India Pvt. Ltd., Hyderabad.
- Refigeration and Air-Conditioning Lab was established at College of Engineering with M/s. Daikin Air-Conditioning India Pvt Ltd., New Delhi.

Any other information regarding Research, Consultancy and Extension, which the university would like to include.

Central Facilities for Research and Development (CFRD)

- To strengthen and accelerate the research activity, the University has realised the need to develop a research hub and established the Central Facilities for Research and Development during the year with the partial support from UGC under XI Plan grants.
- It had helped to house facilities like Central Instrumentation Lab, Information Technology and Communication Lab, etc.
- The CFRD building has spacious accommodation of 54000 sq.ft. with all amenities including a ramp for physically challenged, and

planned to increase the physical space by half of its existing for future enhancement.

- It offers sophisticated, high-tech instrumentation facilities under the supervision of its tech savvy trained staff to the Faculty, Scholars, Students of OU and other Research Institutes/Industries by following the well laid down terms and conditions.
- At Central Facilities for Research and Development, academic activities like workshops, seminars, conferences, guest talks, popular lectures and 'hands on' experience training sessions to the users are also conducted regularly.
- Besides, the state-of-the-art instrumentation facility, it also houses departmental modular laboratories for interdisciplinary teaching in Life Sciences, E-classroom, Scholars Computational Laboratory, Digital Library for distribution of e-resources, and Placement Services.

ICP-MS Research Facility

- The state-of-the-art instrumental research facility for trace metal analysis based on Inductively Coupled Plasma-Mass Spectrometry (ICP-MS) has been inaugurated on January 2, 2014 at Centre Facilities for Research and Development (CFRD).
- Sophisticated inductively Coupled Plasma-Mass Spectrometry is used for performing trace metal analysis, with a performance accuracy of detecting elements at parts per trillion in the area of material science, bio-nano composites, chemistry, biochemistry, applied geochemistry, geology and environmental sciences.
- This facility was funded by the Department of Science & Technology, New Delhi under promotion of University Research & Scientific Excellence (PURSE) programme.

Technology Development Centre (TDC)

- The TDC was established, with funding from TEQIP and internally generated resources, at University College of Engineering.
- This spacious modern infrastructural facility covering an area of 50,000 sq. ft. epitomizes a step towards better technology.
- It houses several amenities including *Central Computing Centre* equipped with 100 systems and the software that is useful across all the departments.
- The *Computer Aided Design (CAD) Centre* is set-up with 60 high-end workstations.
- The *Centre for Computational Fluid Dynamics (CFD)* is equipped

with 40 workstations with various CFD software.

- It also has an *Industrial Development and Incubation Centre (IDIC)* to promote technology based entrepreneurship and consultancy services.
- A *Placement and Training Office* that provides a window of opportunities to the students over a wide variety of careers in industries and organisations in India and abroad is also housed in TDC.

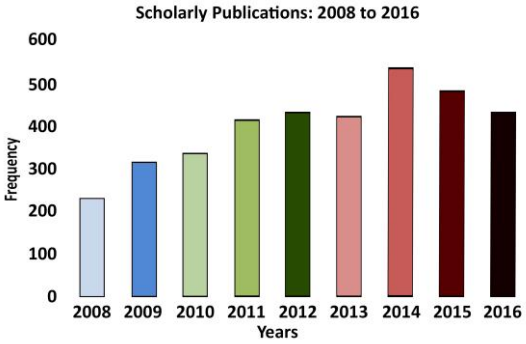
OUCE Idea Labs Foundation's Technology Business Incubator

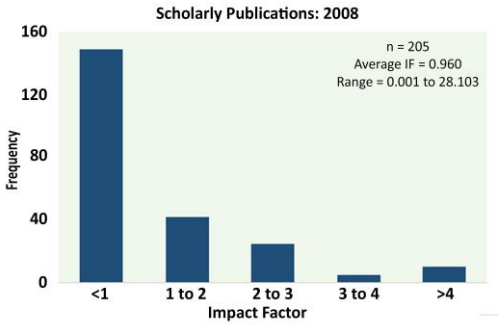
- Registered as a Section 8 of company's act 2013.
- The Technology Business Incubator (TBI) is established in TDC building at University College of Engineering with an outlay of Rs. 70.00 lakhs for the students and Alumni.
- 12,000 Sq.ft of space is allotted by the college out of which 2000 Sq. ft. has been developed with Server, Computers, Internet, Printers and various cabins.
- Three Ideas have been registered by the students.
- This incubation centre facilitates faculty, students and alumini for startups and patenting.

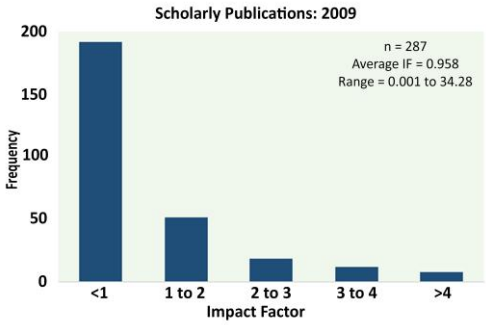
Multi-disciplinary Research Clusters

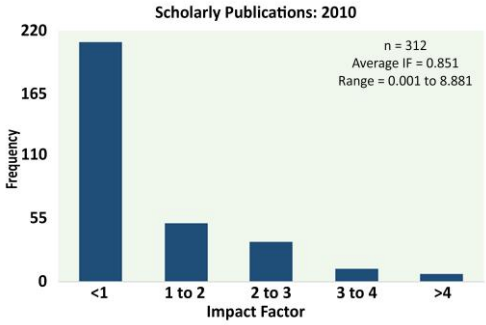
- The university has promptly triggered to ripe the benefits by dwelling the multi-disciplinary research activities.
- In its newer programmes, material science–social relevance has taken a centre stage among various research programmes which forms a main focused area of research under 'University with Potential for Excellence' (UPE).
- In addition, three more such research programmes under UPE scheme have been put in operation.
- The University launched yet another research programme on Bioprospecting of medicinal plants for healthcare under '*Centre with Potential for Excellence in a Particular Area*' (CPEPA) of UGC.

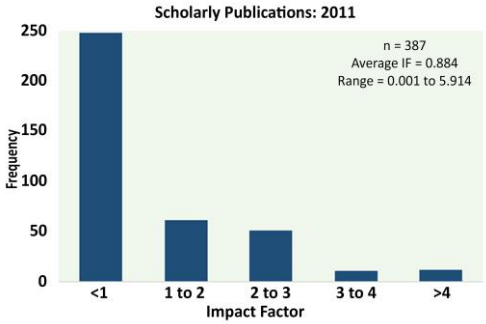
Analysis of research publications based on Scopus database:

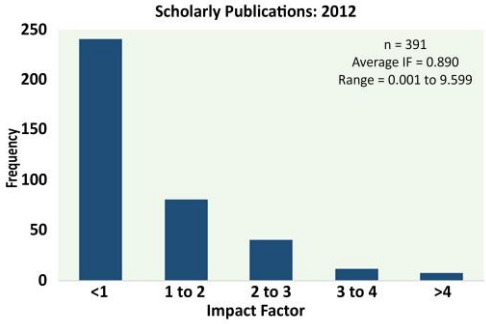


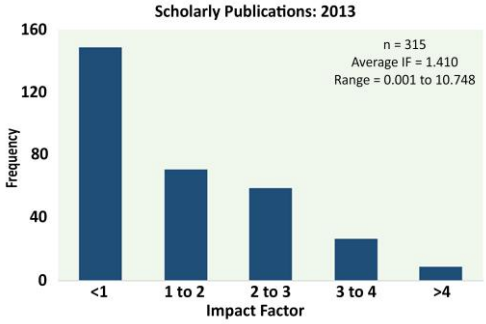


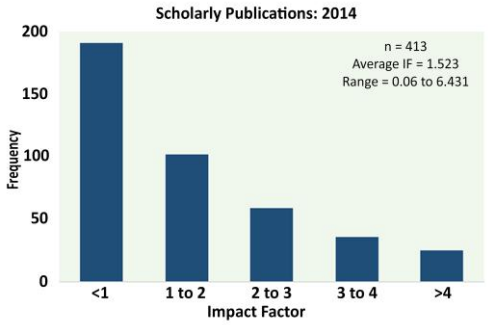


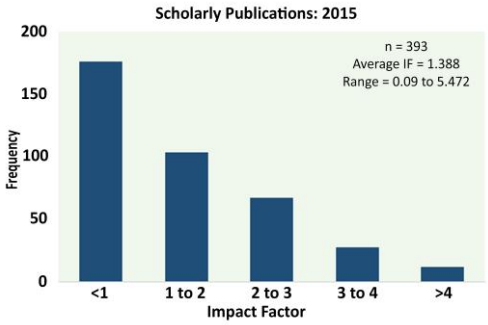


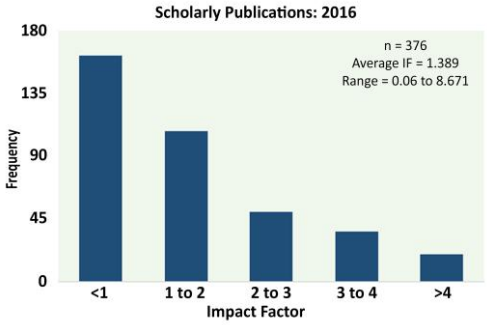




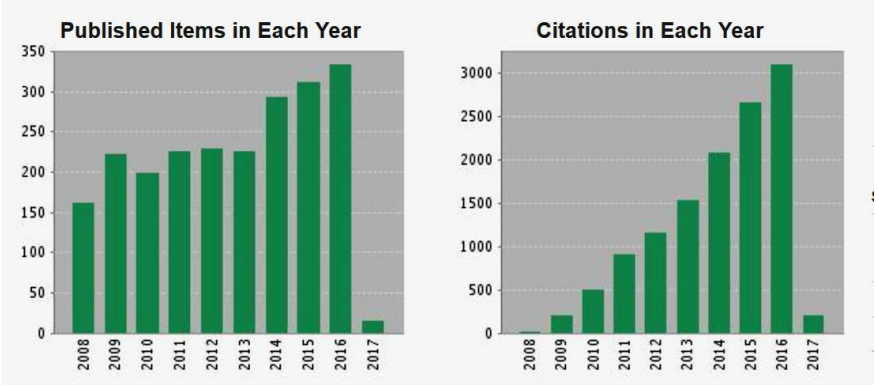








Analysis of publications listed in 'Web of Science' database



Criterion		Numbers
Total number of research publications found in Web of Science database	:	2223
Sum of times cited	:	12423
Sum of times cited without self-citations	:	10938
Citing articles	:	10372
Citing articles without self-citations	:	9659
Average citations per item	:	5.59
h-index	:	40

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 How does the university plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

- The university through the 1) Director, Estate Cell, 2) Director, Infrastructure and 3) Chief Engineer, University Building Division ensures availability of adequate infrastructure facilities based on the requirements of the departments, institutes and colleges.
- The Estate Cell is the custodian of the physical assets. University Building Division is responsible for maintenance of buildings, campus and other infrastructure. The Office of the Infrastructure takes care of the purchase of computers and furniture, networking and wi-fi facilities, AMCs, etc.
- The hostel infrastructure is taken care by the Chief Warden and Wardens of the respective hostels. In some colleges this responsibility is bestowed on Vice-Principals (Hostels) of the colleges concerned.
- The university ensures optimal utilization of these facilities through the Heads of the departments and Principals of the colleges.

4.1.2 Does the university have a policy for the creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

Yes.

- The university has provision for providing support for enhancement of infrastructure in its annual budget.
- In some departments, the UGC-Development grants under the Basic Science Research (BSR) programme and TEQIP programme has been used for enhancing the infrastructure.
- Some recent initiatives include:
  - ICT tools, internet and wi-fi facilities
  - E-classrooms
  - Modular labs
  - Computer labs
  - Procurement of state-of-art equipments

4.1.3 How does the university create a conducive physical ambience for the faculty in terms of adequate research laboratories, computing facilities and allied services?

- The infrastructure facilities for individual research laboratories are provided the department concerned.
- Fifty percent of the overhead charges of individual research projects are made available to the principal investigators for upgrading the infrastructure facilities in the research labs.
- Adequate computational facilities (hardware, software and internet connectivity) are made available.
- Centre for Quantitative Methods provide the faculty access to statistical softwares for data analyses.
- Access to the e-journals is provided through INFLIBNET, J-GATE,
- Other important journal not covered under these are subscribed by the university based on the faculty requirements.
- In some departments, the faculty are provided with laptops, and almost in all departments individual desktop systems are provided.
- Internet, institutional email, departmental/college webpages, reprographic facilities, etc. are provided.

4.1.4 Has the university provided all departments with facilities like office room, common room and separate rest rooms for women students and staff?

Yes.

All the departments are provided with adequate accommodation for office room, separate lounge for women students, separate rest rooms for men and women students and faculty.

4.1.5 How does the university ensure that the infrastructure facilities are disabled-friendly?

The university has taken several measures to create barrier-free environment for differently-abled.

Some of the measures include:

- ramps and railing for easy access
- wheel chairs
- visualisers to help the visually-challenged students
- braille enabled documents / books in the Central Library
- Special tablets for differently-abled

4.1.6 How does the university cater to the requirements of residential students? Give details of

* Capacity of the hostels and occupancy (to be given separately for men and women)

BOYS (A)

Sl. No	Name of the Hostel	Capacity	Occupancy
1	Tungabhadra Hostel (D)	274	509
2	Vamshadhara Hostel (D)	100	143
3	Krishnaveni Hostel (B)	320	421
4	Godavari Hostel (A)	297	397
5	Kaveri Hostel (C)	254	351
6	Bhagirathi Hostel (Old PG)	90	182
7	Yamuna Hostel (New PG)	108	169
8	Ganga Hostel	200	267
9	Gouthami Hostel (E-I)	268	301
10	Kinnera Hostel (ECH-I)	292	515
11	Mangeera Hostel (NBH)	102	196
12	Narmada Hostel (NRSH)	108	196
13	Sabari Hostel (Technology)	60	83
14	Sarayu Hostel (E-II)	345	463
15	Swarnamukhi Hostel (ECH-II)	100	148
16	Maneru Hostel	250	518
17.	B.Ed. Hostel	45	129
18.	Sports Hostel	60	70
Total (A)		**3273**	**5058**

GIRLS (B)

Sl. No	Name of the Hostel	Capacity	Occupancy
1	Saraswathi Hostel (CHW-I)	540	673
2	Pranahitha Hostel (CHW-II)	366	643
3	CHW	369	744
4	New Girls Hostel – I	382	618
5	New Girls Hostel – II	200	241
Total (B)		**1857**	**2916 2919**

INTERNATIONAL STUDENTS (C)

Sl. No	Name of the Hostel	Capacity	Occupancy
1	International Students Hostel	100	72
Total (C)		**100**	**72**

Grand Total (A+B+C)

	Capacity	Occupancy
Total (A)	3213	4753
Total (B)	1819	2699
Total (C)	100	72
Grand Total	**5230**	**8049**

* Recreational facilities in hostel/s like gymnasium, yoga centre, etc.

Each hostel has at least

- one games room equipped for playing table tennis, chess and caroms
- a court for shuttle badminton and ring ball
- TV and Reading Rooms

* Broadband connectivity / wi-fi facility in hostels.

All the hostels have broadband internet connectivity with wi-fi.

4.1.7 Does the University offer medical facilities for its students and teaching and non-teaching staff living on campus?

Yes.

The Health Centre situated in the University's main campus.

It is headed by Chief Medical Officer, and includes both male and female doctors.

It offers free medical treatment to students, staff and their families.

It is open from 9-00 a.m. to 12-00 noon and 4-00 p.m. to 6-00 p.m. on all working days.

Specialist Doctors visit the Health Centre on specified days.

A well-equipped pathology lab, a physiotherapy unit, dispensary, an ambulance, etc. are available.

A night duty doctor is also available at the centre.

A separate dispensary for Indian medicine (Homeopathy and Unani) is also available.

4.1.8 What special facilities are available on campus to promote students' interest in sports and cultural events/activities?

For Sports

- Swimming pool
- Gymnasia
- Indoor Stadium
- Velodrome
- Cricket Grounds
- Squash Courts
- Football/Hockey Stadium

For Cultural Events

- An auditorium with a seating capacity for 1200.
- An auditorium with a seating capacity for 300 at PGRRCDE.
- Conference halls / auditoria with state-of-the-art audio-visual facilities at each campus college.

4.2 Library as a Learning Resource

4.2.1 Does the library have an Advisory Committee? Specify the composition of the committee. What significant initiatives have been taken by the committee to render the library student/user friendly?

Yes.

Under the Chairmanship of Vice-Chancellor, the Advisory Committee has recommended several measures to make the library user-friendly.

Composition of the Advisory Committee:

1	The Vice-Chancellor	Chairperson
2	The Principal, University College of Arts and Social Sceinces	Member
3	The Principal, University College Sceince	Member
4	The Principal, University College Commerce and Business Management	Member
5	The Head, Dept. of Commerce	Member
6	The Head, Dept. of History	Member
7	The Head Dept. of Mechanical Engineering	Member
8	I/c Librarian	Converor

Some of the recommendation which have been implemented include:

- extending the working hours of the library
- improving the ambience of the premises
- internet facility to access digital books and e-content, and
- increase of seating capacity in reading rooms
- 4500 sq.ft new reading hall is constructed

4.2.2 Provide details of the following:

* Total area of the library (in Sq. Mts.) 5760
* Total seating capacity 1500
* Working hours (on working days, on holidays, before examination, during examination, during vacation)
  - On working days: 9.00 AM to 9.00 PM
  - On holidays : 10.00 AM to 4.30 PM
  - During examinations : 9.00 AM to 12.00 (midnight)
  - The library is kept open throughout the year except on three national and three festival holidays.
* Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

  The entire library is divided into different sections as follows:

  1. Ordering
  2. Technical
  3. Stacks
  4. Textbooks
  5. Lending
  6. Reference
  7. Periodical
  8. Computer/Internet Cell
  9. United Nations Depository
  10. Theses and Dissertations
  11. Government Documents
  12. Digital Library
  13. Manuscripts
  14. Vision of Osmania
  15. Competitive Examinations Reference Library
* Clear and prominent display of floor plan; adequate sign boards; fire alarm; access to differently-abled users and mode of access to collection
  - The library building has three floors.
  - In every floor required sign boards and guiding symbols are displayed prominently.
  - Statutory fire protection and fire alarm measures are avaialble.
  - Ramp for differently-abled users' access to library resources.

4.2.3 Give details of the library holdings:

a) Print (books, back volumes and theses)

S.No.	Type	Total
1.	Books	543759
2.	Back Volumes	75387
3.	International Journals	107
4.	National Journals	36
5.	Journals on Oriental Languages	42
6.	Magazines	74

b) Average number of books added during the last three years

4180

c) Non Print (Microfiche, AV)

273

d) Electronic (e-books, e-journals)

15000 e-journals through E-Shodhsindhu Consortia

45000 e-books

e) Special collections (e.g. text books, reference books, standards, patents)

UN Documents	12307
Manuscripts/Palm Leaves	6825
Films	273
Theses and Dissertations	11486

4.2.4 What tools does the library deploy to provide access to the collection?

* OPAC

Four systems have been kept exclusively for users to search Online Public Access Catalogue (OPAC).

* Electronic Resource Management package for e-journals

Access to all the e-journals subscribed through the E-Shodhsindhu Consortia and SCIFINDER

* Federated searching tools to search articles in multiple databases

JCCC- E-Shodhsindhu and SCIFINDER search engines

* Library Website www.osmania.ac.in/library

* In-house/remote access to e-publications

  All the E-Shodhsindhu journals and e-books through OU Digital Library are available on intranet of the University and can be accessed online from anywhere in the campus.

4.2.5 To what extent is ICT deployed in the library? Give details with regard to

* Library automation

  Library automation is done using "NewGenLib" software

* Total number of computers for public access

  50 systems for e-book and e-journal access

* Total numbers of printers for public access

  Two

* Internet band width speed

  1 GB connectivity through OFC

* Institutional Repository

  Nil

* Content management system for e-learning

  No

* Participation in resource sharing networks/consortia (like INFLIBNET)

  Yes.

4.2.6 Provide details (per month) with regard to

* Average number of walk-ins	45000
* Average number of books issued/returned	2600/2500
* Ratio of library books to students enrolled	45:1
* Average number of books added during the last six years	4978
* Average number of login to OPAC	223500
* Average number of login to e-resources	17000
* Average number of e-resources downloaded/printed	17000
* Number of IT (Information Technology) literacy trainings organized	Six

4.2.7 Give details of specialized services provided by the library with regard to

* Manuscripts	The manuscripts collection of the library have been micro-fiched and digitized and these are available to users on request.
* Reference	Separate reference books section is avaialable.
* Reprography	A reprography facility is available for taking photocopies of library resources.
* Inter-library Loan Service	Yes. Through INFLIBNET this provision is available.
* Information Deployment and Notification	Through library website and display kiosks of the library.
* OPACS	Through four dedicated systems.
* Internet Access	Fifty systems are made available.
* Downloads	Allowed at the Computer Facility of the Library.
* Printouts	Printers are available at the Library Computer Facility.
* Reading list/ Bibliography compilation	Available in both physical and digital forms.
* In-house/remote access to e-resources	Available for registered users through intranet.
* User Orientation	Provided by the Library Staff through seminars and workshops.
* Assistance in searching Databases	Yes, provided by the library staff.
* INFLIBNET/IUC facilities	Available through intranet.

4.2.8 Provide details of the annual library budget and the amount spent for purchasing new books and journals.

S. No.	Particulars		Budget (Rs.)	Grants Utilised (Rs.)
1.	Books	University Recurring	20, 62, 000	20, 62, 000
		UGC Special grant	15, 28, 000	15, 28, 000

S. No.	Particulars		Budget (Rs.)	Grants Utilised (Rs.)
2.	Journals	University Recurring	10, 00, 000	10, 00, 000
		UGC Special grant	10, 00, 000	10, 00, 000
		Total Rs.	55, 90, 000	55, 90, 000

4.2.9 What initiatives has the university taken to make the library a 'happening place' on campus?

Organization of extension activities, like, book exhibitions, talks, user awareness programmes, UN Day programme, Library Day celebrations, Book review and releasing functions etc.

4.2.10 What are the strategies used by the library to collect feedback from its users? How is the feedback analysed and used for the improvement of the library services?

- Library maintains a Visitor's Book and suggestions are invited.
- This feedback is used to improve the functioning of the library.
- The suggestions/recommendations from the heads of the deaprtments are also taken from time to time.

4.2.11 List the efforts made towards the infrastructural development of the library in the last six years.

* Two Terabyte servers to hoist e-resources
* Deployment of CC cameras for electronic surveillance
* New Internet Lab with 50 systems
* Developed application for Library Automation using 'NewGenLib' software
* Creation of additional floor space 4500 sq.ft.
* Installation of DG set.

4.3 IT Infrastructure

4.3.1 Does the university have a comprehensive IT policy with regard to

- IT Service Management

  The Director of Infrastructure is the custodian for the IT service management.

  Director oversees the procurement of all types of computing devices under rate contract and also ensures that all the equipments are under Annual Maintenance Contracts. The director is also responsible for procurement of licensed software

Most of the services of University have been IT enabled. Some of these services are maintained in-house while some of them are outsourced.

The Office of the Infrastructure maintains:

- Web server
- Data server
- Mail server
- Website
- IT-related services
- Internet and intranet services
- Employees Premium Services

- Information Security

The information security is ensured with proper access control mechanisms. Further, confidential data is protected with encryption. The encrypted question papers are distributed to the examination centers which can only be decrypted by authorised persons with proper credentials. Likewise, the steps are taken to protect the data at all levels.

- Network Security

The network security is made possible with proper checking of unauthorized access, intruders, hackers, virus protection etc., using multilayered fire-wall services and mirroring the information on servers at different locations.

- Risk Management

The University minimizes the risk by mirroring of information and also by maintaining the backups.

- Software Asset Management

The Director, Infrastructure maintains all the software assets of the University.

- Open Source Resources

As a policy, University encourages Open Source Resources like Linux, Open Office, and other Open Source software.

- Green Computing

The University adopts the Government of Telangana policy for green computing. All the outdated unserviceable computers and peripherals are to be handed over to the designated firms for recycling.

4.3.2 Give details of the university's computing facilities, i.e. hardware and software.

* Number of systems with individual configurations

  About 4500. Most of the systems are high-end with intel processors on Windows/Linux platforms.

* Computer-student ratio

  1 : 2

* Dedicated computing facilities

  - University Computer Centre
  - Centre for Quantitative Methods
  - Central Facility for Research and Development
  - Departmental Centralized Computer Facility

* LAN facility

  About 50 km stretch underground fibre optic cabling (OFC) has been laid to connect all the campus Colleges, Departments, Centres, and other units by installing Core and Distribution Switches with one GBPS connectivity.

* Proprietary software

  Operating Systems software – MS Windows

  Application software – MATLAB, SPSS, ARC-GIS, MINITAB, STATISTICA, MATHEMATICA, GENSTAT, ANSYS, MS Office, CAD, ProE, etc.

* Number of nodes/ computers with Internet Facility

  4500

* Any other (please specify)

  --

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

- Replacing the outdated systems with latest systems
- Developing dynamic website
- Establishment of Data Centre
- Creating an effective Disaster Recovery Centre

4.3.4 Give details on access to on-line teaching and learning resources and other knowledge and information database/packages provided to the staff and students for quality teaching, learning and research.

- The staff and students are allowed to access various learning resources through campus-wide network.
- The learners have access to over 40000 e-books through OU Digital Library.
- Several links to resource providers have been incorporated on the OU website for easy access.

4.3.5 How does the university address issues such as authenticity and copyright with regard to online resources that lie outside the university?

- The university cautions the users about authencity, copyright violation, and unauthorized usage.

4.3.6 What are the new technologies deployed by the university in enhancing student learning and evaluation during the last six years and how do they meet new / future challenges?

- Appropriate measures in establishing and upgrading computer labs in various departments and deployment of
  - IT enabled teaching methods
  - smart classrooms
  - virtual labs

4.3.7 What are the IT facilities available to individual teachers for effective teaching and quality research?

- Computing facility with internet connection.
- Licensed operating systems (MS Windows) and applications softwares
- Protection through server level firewalls
- Access to various internet resources like e-journals, e-books, and other repositories.

4.3.8 Give details of ICT-enabled classrooms/learning spaces available within the university? How are they utilized for enhancing the quality of teaching and learning?

- Classrooms are provided with internet access and are equipped with LCD/LED projectors.
- Computer simulations, virtual laboratories, learning-by-doing, access to other e- resources enhances the teaching and learning process.

4.3.9 How are the faculty assisted in preparing computer-aided teaching-learning materials? What are the facilities available in the university for such initiatives?

- Regular training programmes in computer-aided teaching and learning processes are organized by UGC-HRD Center and the CFRD.
- The training includes lectures and demonstrations on the effective use of power point presentations coupled with internet, computer simulations using CASE tools, virtual laboratories, for making the teaching more interesting and learning more effective.

4.3.10 How are the computers and their accessories maintained?

- The Office of the Infrastructure takes care of the maintenance of computers and peripherals are under Annual Maintenance Contract.

4.3.11 Does the university avail of the National Knowledge Network connectivity? If so, what are the services availed of?

Yes.

The University has acquired the NKN connectivity with 1 GBPS bandwidth provided by BSNL under NME-ICT.

4.3.12 Does the university avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?

Yes.

The faculty and students are optimally availing the educational web resources.

The stakeholders are made aware of such resources through the university website.

4.3.13 Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the university.

- The university made a provision of Rs. 25,00,000 in its annual budget under the head Development of IT Modules, Improvement and Modernization of Information System.
- Furthermore, ample share is available from the funds generated under various research schemes, departmental developmental programmes and university level programmes.

4.3.14 What plans have been envisioned for the gradual transfer of teaching and learning from closed university information network to open environment?

The learning resources developed which are presently available on the intranet will be made available on internet in due course, thus driving the University to open environment.

4.4 Maintenance of Campus Facilities

4.4.1 Does the university have an estate office / designated officer for overseeing the maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

Yes.

- The Estate Office of the University is headed by a faculty who oversees the maintenance of all physical infrastructure.
- The maintenance works required are being undertaken by the University Building Division.
- The Horticulture and Green Belt unit maintains all gardens and makes necessary efforts in improving the greenery of the campus.
- Under the HARITHA HARAM programme one lakh saplings have been planted.

4.4.2 How are the infrastructure facilities, services and equipment maintained? Give details.

- Civil and electrical engineers of University Building Division are responsible of the maintenance of the physical infrastructure and other essential services.
- University Building Division is also responsible for water supply, maintenance of drainages, roads, lighting, etc.
- The Colleges/Departments are usually allowed to maintain the local infrastructural facilities on day-to-day basis.
- The services and equipment are maintained out of the AMCs, other funds allocated or generated from the equipment.
- Financial provision is made for maintenance of equipment during the proposal of the major equipment.
- The campus-wide network facilitating the access to intranet and internet is maintained by the office of the Director, Infrastructure. This office is also responsible for maintain the University website.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the university have a system for student support and mentoring? If yes, what are its structural and functional characteristics?

Yes.

- All departments have Student Advisory Committees with a faculty member as a Student Advisor.
- Mentoring system exists in the University. Each faculty member is allotted 10-15 students as mentees. The mentor-teacher interacts once in fifteen days with the mentees and discuss their academic, personal, emotional and other related issues and bring it to the notice the concerned authorities for redressal.
- A **Psychological Counseling Centre** - '**Sahayam**' is established to help students in the management of personal and psycho-social issues. Students are informed during the orietntation/induction program about SAHAYAM. Students have acces to this Centre and interact with the counsellors to discuss about their problems as and when required.
- In each department, one faculty is designated as lady counsellor and girls are advised to contact in case of need.

In addition, grievance box is available for students to drop their greivances. On a weekly basis the student advisor monitors to suggest required measures.

5.1.2 Apart from classroom interaction, what are the provisions available for academic mentoring?

- Mentor-mentee interactions outside the classrooms
- Monitoring the mentees periodically
- Evaluation of study habits by mentors, advisors, and wardens
- Participation in community and outreach programmes

5.1.3 Does the university have any personal enhancement and development schemes such as career counselling, soft skill development, career-path-identification, and orientation to well-being for its students? Give details of such schemes.

Yes.

- The Department of Students Welfare, headed by a Dean, will look after the students' welfare in all respects and will liaison between students and university administration.
- There is a Placement Cell in every Department/College which offers regular counseling and guidance.

- The Office of the "Employment and Guidance Bureau" of the University will provide guidance to the students regarding career opportunities and acts as 'University Employment Exchange'.
- The Directorate of Placement Services is playing proactive role in extending the placement services, student capacity building activities and projecting the competencies and skills to potential employers.
- The English Language Training Centre (ELTC) and Centre for English Language Training (CELT) provide communicative skills and other soft skills.
- The Competitive Examinations Coaching Centre works to enhance the students' knowledge skills, abilities, creativity leading to overall personality development thus motivating the students to be successful in competitive examinations.
- The SC/ST Cell oversees the effective implementation of rule of reservation and extending other facilities like hostel, scholarships, books, etc.
- ***Sahayam***, a psychological centre, provides counselling and psychotherapy to needy students. The centre helps to relieve problems related to stress, anxiety, relationship issues, low self-confidence, paranoia, etc.

5.1.4 Does the university publish its updated prospectus and handbook annually? If yes, what are the main issues / activities / information included / provided to students through these documents? Is there a provision for online access?

Yes.

The College hand books provide the following information:

- Rules and regulations
- Almanac
- Profiles of faculty and the Departments
- Details of medals and prizes
- Attendance requirements
- Library facilities
- Support services (hostel, health center, sports and games, scholarships)
- Placement cell
- Student advisory council
- Information about the employment opportunities
- Infrastructural facilities
- Fee structure
- Promotion and readmission rules

The students can access this information online also.

5.1.5 Specify the type and number of university scholarships / freeships given to the students during the last six years. Was financial aid given to them on time? Give details (in a tabular form) for the following categories: UG/PG/M.Phil/Ph.D./Diploma/others (please specify).

The following financial aid is available to the students:

National Merit Scholarship / State Merit Scholarship	UG & PG	**Central Govt.**
Scheduled Caste Scholarships	UG/PG/PhD	**State Govt.**
Economically Poor Persons Scholarship –EPP		**State Govt.**
Listed Backward Class Scholarships –LBC		**State Govt.**
UGC BSR & UPE Programmes	PhD	**Central Govt.**
DST PURSE	PhD	**Central Govt.**
Rajiv Gandhi National Fellowship for SC, ST & BC students	PhD	**Central Govt.**
Deceased Government Servants Children		**Central Govt.**
Scholarships granted by the **Central Government** ✓ Non-Hindi speaking students ✓ Differently abled (Forms supplied by the D.P.I.) ✓ National Talent (Forms supplied from Delhi)		**Central Govt.**
Scholarships granted by the Soldier's Board to the children of Ex-servicemen		**Central Govt.**
Scholarships granted for Muslim minority students by Wakf Board		**State Govt.**

5.1.6 What percentage of students receives financial assistance from state government, central government and other national agencies (Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)?

90%

5.1.7 Does the university have an International Student Cell to attract foreign students and cater to their needs?

Yes.

University established the University Foreign Relations Office (UFRO) in December, 1999.

The following services are provided:

* provides international students with academic information.
* responds to the requests of foreign students and scholars.
* promotes multi-ethnic, multi-cultural mileu.
* works with academic departments of the university to develop, coordinate and promote joint academic programmes with foreign universities.
* extends all help in finding suitable accommodation for foreign students / scholars.
* organizes induction and orientation and programmes.
* courses for improvement of English and other soft skills.

5.1.8 What types of support services are available for

* overseas students
    - Single window system for admission service
    - International Students Hostel
    - Health and life insurance
    - Induction and orientation programmes
    - Socio-cultural activities
    - Welfare programmes
* physically challenged / differently-abled students
    - Statutory reservations in admissions
    - Scribes during the examinations
    - Fee concessions
    - Mobility within campus
    - Lowering of pass marks
    - Psychological counselling
    - Tablets/Laptops with special software
* SC/ST, OBC and economically weaker sections
    - Implementation of roster system in admissions

- Statistical data for scholarships/roster calculations
- Equal Opportunity Cell to make them globally competent

* students participating in various competitions/conferences in India and abroad

University encourages the participation of the students in competitions / conferences

- Condonation of 10% attendance.
- Provision of registration fees and partial travel grant.

* health centre, health insurance, etc.

Health center with following facility is available:

1. Pathology Laboratory [Semi auto analyzer (Photometer 4010); Microscope; Elisa Reader; Colorimeter; Photoelectric Colorimeter; Centrifuge haemotocrist, ECG]
2. Public Health & Sanitation: [Fogging Machines; DDT Sprayer; Power Tiller]
3. Physiotherapy Unit: [Ultra therm unit; Infrared stand; Ultraviolet stand; Cycle with Speedo meter; Infra Red lamp; Writ friction machine; L. Traction (GAD GA) machine; Stimulator machine; (ix) Ultrasonic machine; Elbow exercise board; Elbow exercise board (skate); Vibrator (Electric); S.W.D. 250 watts; S.W.D. 400 watts machine; Stimulation machine; Ultrasonic machine; Jogger; Stepper]
4. Indian medicine (Unani and Homeo) facilities are also provided on the Campus.
5. Ten regular doctors in different areas of specialization and eighteen paramedical and supporting staff provides medical care to the students.
6. Specialists also visit the Health Centre on specified days.
7. 24 hours ambulance facility.

* skill development (spoken English, computer literacy, etc.)

Short courses in

- Computer skills
- Communication skills
- Writing skills
- Soft skills
- Career Guidance

* performance enhancement for slow learners

Departments identify and take necessary measures –

- Remedial classes
- Tutorials
- Assignments

* exposure of students to other institutions of higher learning/ corporates/business houses, etc.

- Lectures by eminent personalities in conferences, seminars, workshops, and other training programmes.
- Interactions with external experts during projects, internships, field and industry visits.
- Learning through study tours, training and joint activities with institutions of higher learning and industry.

* publication of student magazines

- University colleges publish magazines with articles on cultural and literary activities of the students.

5.1.9 Does the university provide guidance and/or conduct coaching classes for students appearing for Civil Services, Defense Services, NET/SET and any other competitive examinations? If yes, what is the outcome?

Yes.

Equal Opportunity Cell provides guidance and conducts coaching classes for various competitive examinations.

S.No.	Activity	Enrolment
1.	English Communication Skills Development Programme	1550
2.	Sub-Inspector of Police	350
3.	Computer Skills	250
4.	Bank PO's Exam	180
5.	Bank Clerks	150
6.	UGC-NET/SET	491
7.	UPSC	80
8.	TS/AP PSC	500
9.	Others	550
10.	IAS/IPS	10

5.1.10 Mention the policies of the university for enhancing student participation in sports and extracurricular activities through strategies / schemes such as

* additional academic support and academic flexibility in examinations

- Special classes are conducted for students participating in sports and other extracurricular activities
- 10% condonation of the attendance.

* special dietary requirements, sports uniform and materials

- Special diet is provided to the sports persons.
- Sports uniforms and other materials are provided.

* any other (please specify)

- Meritorious sports persons are given Cash Awards.
- For the players who have secured places in the All India Intervarsity Tournaments the following are the Cash Awards.

1st Place holder (Winner)	Rs.4,000/- each
2nd Place holder (Runner-up)	Rs.2,500/- each
3rd Place holder (2nd Runner-up)	Rs.1,500/- each

➢ Coaches and Managers who are a part of the meritorious teams are also honored with Cash Award.

➢ The teams securing overall 1st, 2nd and 3rd places in the Inter Collegiate Tournaments of Osmania University are awarded incentives in both Men and Women Section separately as follows:

1st Place	Rs.10,000/-
2nd Place	Rs. 8,000/-
3rd Place	Rs. 5,000/-

➢ University also encourages players who have the unique distinction of representing the Country abroad by giving them matching grant for their travel.

➢ Apart from the Cash Awards the players are eligible to seek admission to various courses under sports quota.

5.1.11 Does the university have an institutionalized mechanism for students' placement? What are the services provided to help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?

The Directorate of Placement Services is playing proactive role in extending the placement services, student capacity building activities and projecting the competencies and skills to potential employers.

* Online registration of placements through OU Placement Portal
* Enhance the employability skills by capacity building
* Awareness of job opportunities through workshops/roadshows
* Strengthen alumni links

The students are aware of the job prospects of different courses through the college handbooks, placement cells, and guidance and employment bureau. The Entrepreneurship Development Cell is created to bring in awareness of self-employment. Seminars are frequently organized on Entrepreneurship Development.

5.1.12 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus during the last six years).

- More than 1200 companies and entities have approached and conducted campus interviews and selected about 5300 students during last six years.

- Major employers include: Yahoo, Microsoft, Oracle, D.E. Shaw, Amazon India, TCS, Infosys, Wipro, Cognizant, CSC, CMC Ltd, G.E., Maruti Suzuki Ltd, Asko Leyland, M&M Ltd, Fiat India, Siemens, IBM, HP, TVS Electronics, Hexagon Nutrition Ltd, Jupiter Biosciences, FMC Advertising Ltd, Conseco Data Services Ltd, Deloitte Consulting India Pvt Ltd, Protechsoft Technologies, CITI Bank, Logon B2B Soft Solutions, Ushodaya Enterprises, Water Health India, Progressive Media Group, SITEL, CDAC, CIPET, Smart Aqua Technologies, Nern Communications, ERA Group, Computer Science Corporation, Hyundai Construction Equipment, Sixth Element Systems, Aditi Solar, IDBI, Vimta Labs, Amazon, Genpact, MOLIPS, Mahindra Satyam, HCL, etc.

5.1.13 Does the university have a registered Alumni Association? If yes, what are its activities and contributions to the development of the university?

Yes.

- Registered Alumni Associations exist at three levels: University, College and Department.
- All the three Alumni associations strive to promote academic excellence, infrastructure development and financial support. They also suggest innovations and strategies in the fulfillment of the University objectives.
- The Alumni of the University have spread far and wide globally and done their *alma mater* proud by excelling themselves as academicians, administrators, scientists, scholars, entrepreneurs and technocrats. Several of them have reached heights of excellence in their respective fields and are significantly contributing to the socio-economic development of the nation and world at large.
- The students of batch 1984-88 of department of ECE have donated a 4250 sft academic research centre with a budget of Rs 70 lakhs.
- The students batch of 1974-78 of department of Mechanical Engg.have developed land scaping and gardening in front of the

department.

- Sri Ramnarayana dachepally has donated Rs 6.5 lakhs forsetting up of a Dome in Mechaninical Engg department.
- The Alumini Association of the University and colleges regularly conducts Alumini meets.The Alumini association of UCE, OU has conducted global alumini meet in 2015-16.

Following is the list of top Ten alumni ofthe University:

1	Sri P.V. Narasimha Rao	Former Prime Minister of India
2	Sir K. Shivaraj Patil	Former Home Minister, Government of India
3	Dr. Y. Venugopala Reddy	Former, Governor, RBI
4	Dr. Abid Hussain	Former Member, Planning Commission
5	Sri Sanjay Baru	Former Advisor to PM, GoI
6	Justice P. Jagan Mohan Reddy	Former Judge, Supreme Court
7	Dr. C. Narayana Reddy	Gnanapeeth Awardee
8	Prof. G. Ram Reddy	Former Chairman, UGC; Founder Vice-Chancellor, IGNOU
9	Sri Rakesh Sharma	First Indian Astronaut
10	Sri Mohd. Azharuddin	Former captain of Indian Cricket team
11	Justice B. Jeevan Reddy	Former Judge, Supreme Court

5.1.14 Does the university have a student grievance redressal cell? Give details of the nature of grievances reported. How were they redressed?

Yes.

- Each Department / College has a Grievance Redressal Cell headed by HOD / Principal. A senior faculty member, a lady teacher and student counselors are the other members.
- The Cell meets periodically and redresses the grievances if any and recommend to the university for Redress.
- A centralized grievance committee exits at university level for solving problems which are beyond the purview of Department / Colleges

5.1.15 Does the university promote a gender-sensitive environment by (i) conducting gender related programmes (ii) establishing a cell and mechanism to deal with issues related to sexual harassment? Give details.

Yes.

- Departments and colleges conducts the gender related programmes.
- At the university level, an effective grievance-redressal system is in place.
- The distressed person can approach the authorities for immediate relief.
- The university constitutes an enquiry committee to check and establish the veracity of the complainant and suggest appropriate action.

5.1.16 Is there an anti-ragging committee? How many instances, if any, have been reported during the last six years and what action has been taken in these cases?

Yes.

In tune with the UGC, AICTE, Supreme Court and State Government guidelines/directives, the university has formulated comprehensive anti-ragging policy.

- Anti-ragging committees are in place in each of the departments and colleges.
- At the university level a committee of anti-ragging is present.
- Concerted campaign, counseling and awareness programmes are organized to curb the menace of ragging.
- The office of the Dean, Student Welfare and the Directorate of Academic Audit disseminates the information and implements the anti-ragging measures by displaying posters at prominent places in all the colleges of the university.

During the last six years no ragging incident has been reported on the campus.

5.1.17 How does the university elicit the cooperation of all its stakeholders to ensure the overall development of its students?

University elicits cooperation through:

- Involving alumni in interactions with students
- Feedback from employers
- Feedback from parents & teachers

The stakeholders opinion is elicited to infuse confidence and improve overall development of the students.

5.1.18 How does the university ensure the participation of women students in intra- and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.

The university ensures the participation of women students in such activities through:

- Youth Welfare Office – A lady Youth Welfare Officer is responsible for ensuring equal participation in the cultural activities. Participation in inter-university and intra-university cultural events by women students has brought laurels to the university. In 2012, the university hosted the first Central India Youth Festival – Yuva Tarang where in the women students excelled equally.
- Cultural Secretaries at colleges ensure women participation in inter and intra-institution cultural activities. Every year competitions are held during the college day celebrations.

To ensure participation of the women students in various sports events the following is provided:

- incentives in the form of cash
- provision of reservation for getting admission to various courses under sports quota
- provision of sports kits
- concession in the classroom attendance

5.2 Student Progression

5.2.1 What is the student strength of the university for the current academic year? Analyse the Programme-wise data and provide the trends for the last six years.

The total strength of students on the campus is 9683.

Student Progression	%
UG to PG	25
PG to Ph.D.	12
Ph.D. to Post-Doctoral	1
Employed • Campus selection • Other than campus recruitment	 10 20

5.2.2 What is the programme-wise completion rate during the time span stipulated by the university?

Programme	Completion Rate
UG	90%
PG	95%
Ph.D.	60%

5.2.3 What is the number and percentage of students who appeared/qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, GATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defense, Civil Services, etc.?

S. No.	Exam	Qualified
1.	UGC-CSIR-NET	184
2.	UGC-NET	48
3.	SLET	1500
4.	GATE	650
5.	GRE	1520
6.	TOFEL	1509
7.	GMAT/CAT	55
8.	Central/State Services etc.	863

5.2.4 Provide category-wise details regarding the number of Ph.D./D.Litt./D.Sc. theses submitted/ accepted/ resubmitted/ rejected in the last six years.

S. No.	Faculty	No. of Ph.Ds awarded					
		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	Arts	43	39	42	36	40	55
2	Social Sciences	30	34	38	50	65	49
3	Commerce	10	9	9	6	3	14
4	Management	18	17	39	27	21	43
5	Education	15	6	25	34	26	23
6	Law	13	7	8	9	9	8
7	Science	186	192	173	169	187	203
8	Oriental Languages	8	7	10	8	9	
9	Engineering	27	18	15	29	10	7
10	Informatics	--	--	--	--		
11	Pharmacy	1	--	--	--	4	
12	Technology	5	8	7	7	2	6
	Total	**356**	**337**	**366**	**375**	**376**	**408**

5.3 Student Participation and Activities

5.3.1 List the range of sports, cultural and extracurricular activities available to students. Furnish the programme calendar and provide details of students' participation.

Sports activities available to the students: Cricket, Volley Ball, Basket Ball, Ball Badminton, Tennis, Tennikoit, Table Tennis, Caroms, FootBall, Swimming, Gymnastics, and Hockey.

Sports programme calendar 2015-16 and 2016-17

Aug, 2015	Table Tennis
Sept, 2015	Swimming,Basketball,Badminton,Chess,LawnTennis,Volley ball, Kabaddi,Cross country, Table Tennis, Badminton, Caroms
Oct, 2015	Boxing
Nov, 2015	Judo,Yoga,Caroms,Football,Baseball
Dec, 2015	Handball,Throwball,Softball,Athletics,Tennikoit, Kho-kho,Restling,Netball,Hockey,Ball badminton, Lawn Tennis
Jan, 2016	Weight lifting,Powerlifting,Handball,Yoga,Kabaddi,Taek wondo
Feb,2016	Best physique
Mar,2016	Volleyball
Aug, 2016	Swimming,Basketball,Table Tennis,Cross Country
Sept, 2016	Chess, LawnTennis,Volley ball,Judo,Badminton,Kabaddi, Wushu,Caroms, Basket ball,Rowing, Canoeing,Kayakimg
Oct, 2016	Chess, Wushu,Yachting,Shuttle badminton,Aquatics,Cross Contry, Lawn Tennis,Basket ball
Nov, 2016	Kho-kho,LawnTennis, Boxing, Atheletics, Football,Hockey, Squash,Cycling,Tug of war,Criket,Basketball,Judo,Archery, Cycling,Gimnastics
Dec, 2016	Softball,Athletics,Handball,Yoga,Caroms,TableTennis, Kho-kho, Volley ball, Restling, Kabaddi, Weight lifting, Power lifting,Yoga,Best physique, Base ball, Softball, Volley ball,Pistol shooting, American Football
Jan,2017	Tennikoit, Throwball, Ball Badminton,Korf ball, Tennikoit, Handball,Netball,Taekwondo,Atheletics,Kabaddi,Weight

	lifting,Bestphysique,Restling,Kho kho,Cricket,Football, Hockey.Kabaddi,Table Tennis
Feb,2017	Yoga,Fencing,Handball,Ball Badminton,Base ball,Sepak raw,Soft ball
Mar,2017	Net ball, Roll ball

Cultural and extracultural activities available to the students:

- Inter-collegiate Cultural Competitions
- Elocutions
- Youth Parliament
- International Yoga Day Celebrations

5.3.2 Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years.

2014-15

- Cricket (Womens) Winners
- Badminton (Womens) Runners
- Lawn Tennis (Womens) Runners
- Table Tennis (Womens) Third place

All India Inter University Championships

- Archery : Y.Charan Reddy - Gold medal
- Weight lifting : Y.Shiva kumar Gold medal, Deexitha -- Bronze medal
- Gymnastics: Alice Joe- Bronze medal
- **Yatching -** Gold medal
- Table Tennis - Mounika, Harshitha, Ravali, Bhakthi Deve and Nikhitha - Silver medal
- Lawn Tennis - Bhavana, Soujanya, Rashmitha Reddy, Shambhavi Dixit - Silver medal

International

- Mr.Rohith Yadav, Ms. Meghana and Ms. Ruthvika represented India in the World University Badminton Championships held at Ghanzaun, South Korea in 2015.
- Y.Charan Reddy represented India in the World University Archery Championships held at Unlaanbaatar, Mongolia from 1st to 5th June 2016.

- P.P.Avaneesh represented India in the World American Football Championships held at Monterrey, Mexico from 1st to 11th June 2016.

Rio Olympics 2016

- Sumeeth Reddy-Badminton
- Gagan Narang- Rifle Shooting

2013-14

- The students along with staff of various campus colleges regularly participate in Clean and Green Programmes, HIV Awareness Programmes, and eradicating programmes on social evils conducted by the NSS Unit of University.
- The students of Commerce and Science won the second and third prizes, respectively, in Tennikoit at at Inter College Tournaments for Men organized by S.P. College.
- The Kho Kho team of Physical Education secured I place at Inter College Tournaments for Men organized by V.V. College.
- A student of University College of Arts & Social Sciences stood II place in Best Physique competition at Inter College Tournaments for Men organized by Dept. of Physical Education, OU.
- The Ball Badminton team of University College of Technology secured II place at Inter College Tournaments for Men organized by Dept. of Physical Education, OU.
- Mr. R. Kabeer Das, Dept of Education won Silver Medal in single Badminton in 15th Paranational and Golg Medal in Double Badminton at Chennai.
- Mr. P. Mahesh, LLB (5YDC) III Year, University College of Law has represented Central Zone, Inet-University Level Games in Table Tennis.
- Mr. Rajesh, LLB (5YDC) III Year, University College of Law has represented in All India University Games like Koyaking in Canocing.
- Mr. Kumar, University College of Technology won the Silver Medal in Wrestling and also represented Osmania University in the Inter University competitions held at GNDU, Amritsar.
- The University has organized Inter Collegiate Cultural Competitions 2013-14 during November 6-8, 2013 in which nearly 750 students from different colleges including Campus and Affiliated Colleges have been participated.
- About 40 students from Osmania University have been participated in the Central Zone Youth Festival and won 2 prizes in Western Vocal Solo, and III Prize in Classical Dance.
- Ms. Raja Sindhu, Ashwini and Swetha, University College of Law have participated in National Quiz Competition during September 30 –

October 2, 2013 organised by Meenakshi Group of Colleges, Chennai.

- The students of University College of Law have been participated actively in the Legal Literacy Camp conducted by the College at Imamguda and Tukkuguda villages on R.R. District.

2012-13

I.	Fencing (M&W)	- Mr.Bhavani Prasad - III Bronze
II.	Boxing	- Mr.K.Surendar – 69Kg,Welter Weight
III.	Badminton (W)	- III Position
		1. Ms.Sikky Reddy
		2. Ms.Krupali Karan
		3. Ms.Ch.Poornima
		4. Ms.Jyothsna
IV.	Weight Lifting	- 1.Mr.M.Rajendra Chaitanya - 94Kgs Gold
		2. Mr.Y.Raghavendra Goud – 93Kgs Gold
		3. Ms.K.Shirisha – 58Kgs – Second
V.	Best Physique	- 1.Mr.S.V.Santhosh Rao – 85Kgs – Second

2011-12

1. Fencing: Held at Anna University, Dhungana Bhavani Prasad won the Bronze medal
2. Weight Lifting organized by GNDU, Amritsar: Y. Shiva Kumar (Men), upto 56kgs – secured III Place
3. K-2: 500 Mtrs Run: Osmania team was awarded with Bronze medal, held at Kayaking & Cannoeing
4. K-4: 1000 Mtrs Run, the team got III place, held at Kayaking &Cannoeing
5. Taekwondo O.U. got Silver Medal held at Manipur University, Imphal
6. Gymnastics: Secured Silver for Balancing Beam and Bronze for Volting Table
7. Judo : Secured Silver Medal in All India Judo Inter-University Competitions held at Pune
8. Osmania University have represented India in Common Wealth Games and Other International Tournaments and secured seven medals in various competitions.
9. O.U.Cricket team played in Vizzy Trophy and winner for the year 2011-12

2010-11

1. Athletics: K.Ramesh has won the Gold Medal in 1500 M Run after 30 Years in the All India Inter University Athletics Meet held at A.N.U. Guntur and selected to represent in the World University Games to be held in China in August 2011.
2. Athletics: Kum. Monica has won the Silver Medal in 200M in the All India Inter University Athletics Meet held at A.N.U. Guntur and she has represented in the World Youth Athletics Championships held at Italy.
3. Taekwondo: Vivek Kumar Goud (63.68Kg) secured first and Venkateshwarlu (74.80Kg) third place in this event held during 18-01-2011 – 21-01-2011 at Punjabi University.
4. Fencing (Men & Women): OU team consisting Ram Arjun, Arjun Anand, Sandeep, M. Phanendra and V. Srikanth secured Runners-Up in the inter-university competitions held at University of Jammu from 14-12-2010 50 16/12/2010
5. Gymnastics (Men & Women): N Sri Sai Ram and V. Samikya Jyothi secured III place respectively in the event took place at Punjabi University during 01-11-2010 to 05-11-2010.
6. Best Physique: Ch. Kapeeshwarlu stood at III place in the event held at Kanpur University during 11-11-2010 to 12-11-2010.
7. Power Lifting: Y Raghavendra Goud secured II place in this event held at Kanpur University during 15-11-2010 to 17-11-2010
8. Archery (Men & Women): Kontu Jyothi and Kontuwere the winners of 30Mts and 70Mts, respectively, held at Kurukshetra University during 29-01-2011 to 02-02-2011.
9. Judo (Men): Syed Mohd Zamin Naqvi was the winner of 81Kg, held at Maharastra Vidyapeeth, Pune during 10-12-2010 to 13-12-2010.
10. Badminton (Men): The Osmania team secured I position in South Zone and III place in All India The event took place at NTR Health University of Vijayawada during 02-04 October, 2010
11. Tennis (Men): Winners of South Zone Inter University competitions, held at Andhra University (December, 2010)
12. Cricket: South Zone Winnersheld at Warangal and secured III place at Chatrapathi Shekunk, Maharab University, Patna (December 2010).
13. Osmania University Cricket Players are selected in Vizzy Trophy for the year 2010-2011.
14. Osmania students were selected for world University Games at Shenzhen China from August 12 to 23rd 2011.

5.3.3 Does the university conduct special drives / campaigns for students to promote heritage consciousness?

Yes.

- Heritage Walk to mark the Centenary Year in collaboration with the INTACH in January, 2017.
- Publicity through video tours, films, publications on heritage buildings by EMRC, OU.
- Chronicling the historical significance through Osmania Courier – A Laboratory Newspaper by Department of Communication and Journalism.

5.3.4 How does the university involve and encourage its students to publish materials like catalogues, wall magazines, college magazine, and other material? List the major publications/ materials brought out by the students during the last six academic sessions.

- **Osmania Courier** is a bi-monthly lab newspaper of the Department of Communication and Journalism. It was established in 1954 – the year in which the Department was set up – and has been published continuously since then. Courier carries reports of events and trends in the University and articles on issues that concern students. The reporting, editing and design work of Osmania Courier is done entirely by the students, and as such the paper serves as a training platform for MCJ students.
- Wall Magazines, College Magazines, Web Magazine J-Hub, brochures, leaflets, etc.

5.3.5 Does the university have a Student Council or any other similar body? Give details on its constitution, activities and funding.

Yes.

Each department/college has a Student Council headed by a faculty member as its Advisor and four to six student-members selected on the basis of their merit in their respective classes. The Student Council

- helps in addressing academic, administrative, disciplinary, personal, social or emotional problems.
- ensures nurturing of cordial and harmonious relationship between the faculty and students.
- arrange programmes for career counselling and guidance.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them. Also provide details of their activities.

At the university level, there is a provision for student representation in the Academic Senate. Six student representatives are nominated on merit basis.

In autonomous colleges, there is a provision for student representation in boards of studies.

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and the mission of the university.

VISION

The University's vision and mission reflect the national agenda of higher learning. Osmania University was established in the year 1918 through a *firman* issued by the H E H The Nizam VII. The vision expounded in the *firman* is perfectly valid for the University even today, and is connoted here:

> *"Generate and disseminate knowledge through a harmonious blend of ancient and modern wisdom, and to serve the society by developing in students heightened intellectual, cultural, ethical, and humane sensitivities; to foster a scientific temper, and to promote professional and technological expertise. Central to this vision is a commitment to regional and national development in consonance with our culture, heritage, and environment."*

MISSION

- To achieve excellence in teaching and research
- To generate, disseminate and preserve knowledge
- To meet the challenges of a complex, and modern society through informed social outreach
- To empower through knowledge and information
- To develop a responsible and productive citizenry
- To develop, enhance, and improve the quality of human resources
- To cultivate resolute moral and ethical values
- To meet contemporary regional and national needs and anticipate future social and economic development
- To preserve and promote cultural heritage, humanistic and spiritual Values

6.1.2 Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution's tradition and value orientations, its vision for the future, etc.?

Yes.

- Osmania University, established in 1917, has been serving the cause of Higher Education and is fulfilling the aspirations of millions of students in Telangana state, in pursuit of their academic excellence. The Mission Statement of the University defines its unique role in the given societal context.

- The University has emerged as a pace-setter in the field of higher learning in the country. It is a multi-campus, multi-faculty and affiliating University. The University's Vision and Mission reflect its traditions and values and also the National Agenda of Higher Learning.

6.1.3 How is the leadership involved

* in ensuring the organization's management system development, implementation and continuous improvement?

  - Vice-Chancellor is the Chief Executive Officer of the University and functions in accordance with the provisions of Telangana State Universities Act 2016.
  - Vice-Chancellor is the Chairman of the Executive Council, which is the highest decision making body in the University.
  - Vice-Chancellor is assisted by designated officers like Registrar, Deans, Directors, Controller of Examinations, Principals, Heads of the Departments and Chairpersons of the Departments, besides several other Administrative Officers.
  - Senior Faculty Members are appointed as Heads of all the Academic and Administrative Bodies

* In interacting with its stakeholders?

  - The Vice-Chancellor holds meetings periodically
    - With Administrative Officers to review the progress in respect of University Administration and steps taken/to be taken for improvement.
    - With the Principals of Colleges and Deans of Faculties every month to review the progress of academic activities (the number of classes held, and syllabi covered in each subject) and also to identify bottlenecks, if any, in administering various programmes.
    - With Students and Parents to remove the academic and administrative hurdles.

* in reinforcing a culture of excellence?

  The University leadership continuously nurtures the tradition of excellence in various spheres of higher education.

* in identifying organizational needs and striving to fulfill them?

  The Vice-Chancellor, Academic Senate, Executive Committee, Standing Committee, Faculty and Boards of Studies meet periodically to assess the University needs and decides the ways and means of fulfilling the needs. Periodically meetings are held to understand and alleviate the bottlenecks and difficulties during execution.

6.1.4 Were any of the top leadership positions of the university vacant for more than a year? If so, state the reasons.

Yes.

Due to the bifurcation of the state, there was a delay in the appointment of the regular vice-chancellor for a period of two years

6.1.5 Does the university ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?

Yes.

6.1.6 Does the university promote a culture of participative management? If yes, indicate the levels of participative management.

Yes.

The University functions through participative management involving all its employees and statutory representation of all sections to have a strong decision-making role.

- Executive Council shall be the executive authority of the University, which is represented by the Vice-Chancellor, officials from State Government, teachers from the University, Principal from one of the affiliated colleges, eminent educationist, industrialist and other stakeholders.
- Finance Committee is the sub-committee of the Executive Council. It shall examine the annual accounts of the University and advise the Executive Council there on; to examine the annual budget estimates and advice the Executive Council thereon; to review the financial position of the university from time to time; to make recommendations to the Executive Council on matters relating to the finances of the University.
- Academic senate which consists of ex-officio members from State Government, donors as life members, teachers, and researchers, shall exercise general supervision over the academic policies of the university and provide leadership for raising the standards of quality of education and research.
- Standing Committee is the sub-committee of the Academic Senate. It reviews and approves matters pertaining to syllabi, teaching, research, affiliation, etc. subject to the approval of the Academic Senate.
- Faculty and Board of Studies prepare the syllabi, scheme of instruction, examination and panel of examiners and recommends to the Academic Senate for its approval.
- The Departmental Committees are bestowed with the powers to take decisions on academic and administrative matters concerning the department and implement them with the approval of the University. Each Departmental Committee is headed by the Head of the

Department and teachers drawn from various cadres/ sections/constituent colleges are the members and the term of these members is for two years.

6.1.7 Give details of the academic and administrative leadership provided by the university to its affiliated colleges and the support and encouragement given to them to become autonomous.

I. Academic and administrative leadership provided by the university

- University conducts periodic review of the academic and administrative functioning through the Directorate of Academic Audit.
- Provide guidance through Dean, College Development Council in starting new programmes in the affiliated colleges.
- Academic support is extened by conducting the Departmental Conferences periodically.
- Nominating senior faculty of the university on the governing bodies of the affiliated colleges.
- Nominating senior faculty of the university on the selection committees of the affiliated colleges for recruitment of faculty.
- Involving senior faculty of the university as subject experts during the selection process of the faculty in the affiliated colleges.
- Senior faculty members of the university are involved as members in the boards of studies/academic councils of autonomous colleges.

II. Support and encouragement for autonomy provided by the university

- It is the general policy of the university to encourage the affiliated colleges to become autonomous.
- The Dean, CDC guides and helps the colleges in fulfilling the requirements, norms and other procedures for autonomy status.

6.1.8 Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?

No.

6.1.9 How does the university groom leadership at various levels? Give details.

University grooms the leadership by:

- appointing the principals of the colleges, heads of the departments and chairpersons of the boards of studies through a fixed tenure based on the seniority.
- ensuring adequate representation of young faculty in departmental committees and boards of studies.
- appointing faculty as heads of the examination branch, directorate of

academic audit, directorate of admissions, directorate of placements, hostels, student welfare, estate cell, youth welfare, national service scheme, etc.

6.1.10 Has the university evolved a knowledge management strategy? If yes, give details.

Yes.

- The use of IT Enabled Services (ITES) in the teaching, learning and evaluation process.
- Making efforts in interacting with industry and other institutions of higher learning through collaborative and joint programmes.
- Forging alliances with other institutions and industry through MoUs for mutual benefits.
- Facilitation of patent services to the researchers and faculty members for protection and management of intellectual property rights.
- Extension of incubation facilities to carry out innovation and research.
- Facilitation of technology transfer between the university and the industry for mutual advantage and also greater interaction between the industry and academia.
- Making use of *scifinder* and other gateway/search engines for accessing scientific databases.
- Ensuring access to digital information under a collaborative program between the university, IIIT and Carnegie Mellon University, USA and also launch of digital library to provide access to voluminous information pertaining to 40000 text books including rare manuscripts.

6.1.11 How the following values are reflected the functioning of the university?

* Contributing to national development

Osmania University, one of the largest affiliating institutes of higher learning, produces sizable globally competent skilled human resource thus contributing to the national development. The developed human resource as individuals would contribute to the society by generating intellectual and economic sources through innovation. The University provides higher education by strictly implementing the national policy of social justice and equity. The University also serves the cause of higher education by being dynamic to the ever expanding needs of the society thereby providing a greater access to a larger number of scholars.

* Fostering global competencies among students

The university ensures the global competencies through:

- periodic updation of the curriculum
- new contemporary programmes
- achieving the standards and global benchmarks
- introduction of skill-based add-on courses
- provision for interdisciplinary courses

* Inculcating a sound value system among students

The university in its mission statement reflects its commitment to develop responsible and productive citizenry with resolute moral and ethical values. In degree curricula, a course on ethical and cultural values is included to imbibe these qualities in the students. Courses on personality development, psychological counseling, gender sensitization, etc. helps the student community to enhance and update their value system.

* Promoting the use of technology

- wi-fi enabled campus
- effective use of ICT tools in teaching, learning and evaluation processes
- digitialization of library resources
- mail server, web server, data centre
- e-classrooms, smart classrooms,
- process of admissions,
- web-based counselling,
- registration for examinations, distribution of question papers, issue of hall tickets, publication of results,
- databases on students and teachers
- dynamic website with facility for access of information

* Quest for excellence

The university structure has in-built quality assurance systems to achieve the excellence in its academic and administrative pursuits.

Teaching, learning and evaluation

- Introduction of CBCS
- ICT enabled teaching
- Student centric teaching
- Open source sharing
- Continuous internal evaluation supplemented with assignments

and projects

Course and curricula

- Updating as per the contemporary needs
- Exploring newer areas of learning

Research and development

- Exploring newer areas of research
- Inputs for slick research proposals
- Forging research collaborations
- State-of-the-art facilities
- Presentations to garner research funding

Extension

- Knowledge and experience sharing
- On-site training
- Lab-to-Land
- Advisory and consulting

Active involvement of IQAC

- In quality sustenance and enhancement
- Implementation of the peer team recommendations
- Sensitization programmes for stakeholders

6.2 Strategy Development and Deployment

6.2.1 Does the university have a perspective plan for development? If yes, what aspects are considered in the development of policies and strategies?

1. **Curricula and pedagogy**
   - Adoption of a learner-centered paradigm of education and CBCS
   - Introduction of 'industry-oriented' courses and skill-based training to enable enhanced employability
   - Introduction of blended learning model using Massive Open Online Courses (MOOCs)
   - Introduction of courses in entrepreneurship and social sciences for economic and social development
   - Introduction of liberal arts approach and multi-disciplinary courses for students to get a holistic exposure
   - Promotion of continuing education for working professionals
   - Adoption of flipped classroom model to improve learning in classroom

2. **Faculty**
   - Recruitment of Faculty members on regular basis
   - Retaining high-quality faculty by providing incentives
   - Introduction of faculty development and exchange programs with top-end institutions
3. **Research**
   - Establishment of state-of-art laboratories and improve the competency levels of faculty members
   - Development of industry and academia collaborations to promote applied research
   - Attraction of high-quality research-oriented faculty by offering incentives and a conducive research environment
   - Adoption of the mentor model for developing research capabilities and promote international institutions to collaborate for research
4. **Partnerships**
   - Strengthening industry-academia linkages and tie-ups between higher education institutions and skill-based training providers
5. **Infrastructure**
   - Development of technology-based models such as virtual classrooms to widen access to high-quality teaching
   - Enabling low-cost access to high-quality education on a mass scale through the MOOCs platform
   - Utilization of existing infrastructure and schemes to increase access and improve quality of education imparted
6. **Funding**
   - Encouraging the faculty to bid for competitive research grants from government and encourage corporate endowments
   - Encouraging the faculty to engage in consultancy projects.
   - Encouragement of alumni funding
7. **Governance/Leadership**
   - Introduction of reforms in the regulatory framework governing higher education to reduce ambiguity and promote self-regulation
   - Promotion of disclosure of information by all higher education institutions to make the system accountable and transparent
   - Introduction of reforms in the leadership structure of institution.

6.2.2 Describe the university's internal organizational structure and decision making processes and their effectiveness.

The organizational structure of the University is as follows:

1. Executive Council
2. Finance Committee
3. Academic Senate
4. Standing Committee

5. Faculty and Board of Studies
6. Departmental Committee

Functions of the above bodies are:

1. Executive Council shall be the executive authority of the University.
2. Finance Committee is the sub-committee of the Executive Council. It shall examine the annual accounts of the University and advise the Executive Council there on; to examine the annual budget estimates and advice the Executive Council thereon; to review the financial position of the university from time to time; to make recommendations to the Executive Council on matters relating to the finances of the University.
3. Academic Senate shall exercise general supervision over the academic policies of the university and provide leadership for raising the standards of quality of Education and Research.
4. Standing Committee is the sub-committee of the Academic Senate. It reviews and approves matters pertaining to Syllabi, Teaching, Research, Affiliation, etc., subject to the approval of the Academic Senate.
5. Faculty and Board of Studies prepare the Syllabi, Scheme of Instructions, Examination and Panel of Examiners and Recommends to the Academic Senate for its approval.
6. The Departmental Committees are bestowed with the powers to take decisions on Academic and Administrative matters concerning the Department and implement them with the approval of the University. Each Departmental Committee is headed by the Head of the Department and Teachers drawn from various Cadres/ Sections/Constituent Colleges are the members and the term of these members is for two years.

6.2.3 Does the university have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?

Yes.

The aspect of ensuring quality in its endeavors has been clearly stated in the vision and mission of the University. The various wings of the University are empowered to formulate and implement the policies to maintain the quality. While following the bottom-up approach, the Boards of Studies of respective departments, Departmental Research Committees, Departmental Committees and other stakeholders define and deploy the quality benchmarks. The Directorate of Academic Audit, IQAC and College Development Council ensure successful implementation of these policies.

Departmental Committees

The Departmental Committees are bestowed with the powers to take decisions on academic and administrative matters concerning the department and implement them with the approval of the University.

Departmental Research Committees (DRC)

The Departmental Research Committees constituted under the Chairmanship of the respective Heads of the Departments, shall monitor all research activities in the departments and address the quality sustenance and maintenance matters in the research activity of the departments.

Quality Monitoring Cells

A Quality Monitoring Cell (QMC) established at all the colleges with one Coordinator and two members monitors the quality aspects in the college and coordinates with IQAC from time to time at the university level. It provides the required information to IQAC and facilitates in the preparation of annual reports and other information required for submitting reports to NAAC.

Internal Quality Assurance Cell (IQAC)

- IQAC functions as a nodal agency of the institution for quality-related issues.
- Initiates measures leading to quality sustenance and quality enhancement.
- Promote quality consciousness among all the stake holders and constituents of the institution through seminars, workshops and meetings.
- Evolves mechanisms to record and monitor the healthy practices adopted by the various wings of the institution.
- Analyzes and discusses the NACC Peer Committee Reports. The Cell also deliberates on various aspects of quality sustenance, quality enhancement and the action to be initiated on the recommendations and observations of the Peer Team.

Directorate of Academic Audit

- OsmaniaUniversity is the first university in the State of AP to constitute an Academic Audit Cell exclusively meant to monitor the functioning of all affiliated colleges under its jurisdiction.
- The cell is entrusted with the responsibility of affiliation, inspection and maintenance of academic standards of all the affiliated colleges.
- The cell supervises the admission process in all affiliated colleges and ensures that the schedules of admission and reservation policy of Central and State Governments for different sections, is strictly adhered to.
- The cell also monitors the student attendance, teaching dairies, and appointment of teachers, availability of proper infrastructure in class

rooms, laboratories and library.

- The cell organizes surprise inspection to monitor the affiliated colleges.

The university also constituted a committee consisting of five members under the chairmanship of one of the Executive Council members, for internal academic audit. This committee visits the campus and all constituent colleges of the University and monitors the student's attendance, teaching diaries and other academic activities.

6.2.4 Does the university encourage its academic departments to function independently and autonomously and how does it ensure accountability?

Yes.

All the departments are autonomous except in case almanac, course structures, etc. The university directs all the departments to submit annual reports, half-yearly performance reports and AQAR which are reviewed to ensure accountability.

6.2.5 During the last six years, have there been any instances of court cases filed by and against the institute? What were the critical issues and verdicts of the courts on these issues?

During the period under review, numerous cases pertaining to academic and administrative matters through RTI have been resolved in favour of the University. As many as 12 cases pertaining to land matters are in consideration and pending decision.

6.2.6 How does the university ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder-relationship?

- Each Department/College has a grievance redressal cell headed by HOD/Principal. A senior faculty member, a lady teacher and student counselors are the other members
- The cell meets periodically and redresses the grievances if any and recommend to the university for redress.
- A centralized grievance committee exits at university level for solving problems which are beyond the purview of Department/Colleges.

6.2.7 Does the university have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

Yes.

The University collects feedback information students on institutional performance at the end of each semester. The information obtained is analyzed and the steps to be taken for necessary improvements are passed on to the concerned departments.

6.2.8 Does the university conduct performance audit of the various departments?

Yes. The performances of the departments are summarized in Annual Reports. Annually the Vice-Chancellor calls for a one-on-one meeting with the faculty of each department to make an assessment of their performance.

6.2.9 What mechanisms have been evolved by the university to identify the developmental needs of its affiliated institutions?

The developmental needs of the affiliated colleges is monitored by the the Dean, College Development Council. This office acts as a laiason between

- the UGC and the college in helping to get grants
- the TSCHE and the college in starting of new programmes

6.2.10 Does the university have a vibrant College Development Council (CDC) / Board of College and University Development (BCUD)? If yes, detail its structure, functions and achievements.

Yes.

➢ A senior faculty member is appointed as the Director.

Functions of CDC

- Assists the university in constituting governing bodies and academic councils of autonomous colleges.
- Suggests suitable names of senior teachers to university administration to serve on various committees in the colleges under O.U.
- Arranges expert committees to visit U.G. and P.G. Colleges for assessing their academic functioning.
- Coordinates with the UGC in conferring/reviewing/extending autonomy to the colleges under the jurisdiction of Osmania University.
- Helps the affiliated colleges for inclusion in the list maintained by UGC under section 2(f) and 12(b) of UGC Act, 1956.
- Helps the colleges in getting funds from UGC in the form of developmental, research projects, job oriented courses and other programmes launched from time to time.
- Takes measures in implementation of FIP in Private/Govt. Colleges to facilitate teachers in their career improvement.
- Co-ordinates with TSCHE in various activities like opening of new UG/PG colleges, preparing guidelines for change of management, shifting and conversion of colleges, introduction of new courses/ combinations/ additional sections, etc.

6.3 Faculty Empowerment Strategies

6.3.1 What efforts have been made to enhance the professional development of teaching and non-teaching staff?

The university is promoting teacher development by:

- Conduct of orientation and refreshers courses through UGC-HRD Center
- Encouraging the teachers for acquiring Ph. D. Degree under Quality Improvement Program (QIP) of AICTE and Faculty Improvement Program (FIP) of UGC.
- Permitting them to attend Seminars/Conferences by granting 15 days of duty leave, every year for National Conferences and once in two years for International Conferences, and paying them TA / DA
- Sabbatical leave for one year to do Post-Doctoral Research abroad
- Providing reasonable grants for research
- Providing financial support to departments for conducting Seminars and Conferences

The university is promoting non-teaching staff development by:

- Conduct of regular training programmes for accounts, communication skills, computer training, and personality development.

6.3.2 What is the outcome of the review of various appraisal methods used by the university? List the important decisions.

The appraisal methods used by the University have resulted in the enhancement of resources and capabilities for exemplary education. So far, the University has adopted self-appraisal system for evaluating teacher performance at the time of promotion under CAS and also while recommending them for rewards by Government/NGOs.

The evaluation is done on the basis of academic performance indicators as per UGC and TSCHE guidelines.At the end of every semester the feedback obtained from the students gives necessary impetus for faculty empowerment.

Based on the performance appraisal employees are sent for some training programmes organized by the University.Further, for declaration of the probation and confirmation of the services of the employees confidential reports are taken into consideration.

6.3.3 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have benefitted from these schemes in the last six years? Give details.

- Group-linked insurance scheme 100%
- Provident Fund 100%
- University health centre 100%

- Employees' children education loans 50%
- Festival advances 40%
- Employees' children marriage loans 40%
- House building loans 30%
- Staff quarters 15%
- Pension Fund 50%

6.3.4 What are the measures taken by the university for attracting and retaining eminent faculty?

Over its protracted period of its existence, the university has gained a reputation and traditionally attracts the cream of academic talent from wide and far.

Providing ambient academic and research atmosphere, dedicated and skilled senior faculty members have helped the university to retain the faculty and make them eminent.

6.3.5 Has the university conducted a gender audit during the last six years? If yes, mention a few salient findings.

Yes.

The university follows all the statutory requirements for gender balance after proper gender audit.

6.3.6 Does the university conduct any gender sensitization programmes for its faculty?

Yes.

There is a separate cell (Centre for Womens' Studies) which looks after the welfare of women and they are mandated to conduct gender sensitization programmes.

6.3.7 What is the impact of the University's Academic Staff College Programmes in enhancing the competencies of the university faculty?

The regular activities of UGC-HRD Center have benefitted the teaching staff by participating its 'Orientation Courses' and 'Refresher Courses'. Several faculty members of the University act as Coordinators and Resource Persons.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism available to monitor the effective and efficient use of financial resources?

Finance Committee is the sub-committee of the Executive Council. It shall examine the annual accounts of the University and advise the Executive

Council there on; to examine the annual budget estimates and advice the Executive Council thereon; to review the financial position of the university from time to time; to make recommendations to the Executive Council on matters relating to the finances of the University.

6.4.2 Does the university have a mechanism for internal and external audit? Give details.

The financial matters are under the close scrutiny of the Finance Officer who will be exercising control over the budget and expenditure of all colleges. The FO is responsible for preparing the budget of the University and monitors the utilization of funds provided by the state government. The State Government Local Fund Audit is responsible for the external audit.

6.4.3 Have the accounts been audited regularly? What were the audit objections, if any, and how were they complied with?

The accounts of the colleges and university are audited every year by the State Government Local Fund Audit of the Government of Telangana. There are no major audit objections. All the minor objections pertain to procedural deviations and all such objections are complied by the respective officers under the direct supervision of the Finance Officer.

6.4.4 Provide the audited income and expenditure statement of academic and administrative activities of the last six years.

2010-11

Head	Income	Head	Expenditure (Rs)
Block Grant	130, 52, 64, 000	Salaries	151, 59, 74, 429
Additional Grant	3, 11, 000	Pension	53, 85, 04, 378
Fees a) Tuition/Admission b) Self-Finance Fee c) Academic Income	 91, 56, 285 1, 41, 96, 974 25, 10, 42, 255	Leave Salary, Pension Contrib etc.	--
		Contrib to Medical Insurance	2, 05, 200
Internal Sources	5, 33, 87, 973	Academic and Admin Expenses a) Recurring b) Non-recurring	 15, 48, 14, 614 1, 89, 12, 721
Advances/Transfers	70, 14, 73, 474		
Recoveries of Loans	1, 90, 65, 358	Refund to Advances	6, 43, 54, 743
		Grant of Loans	1, 97, 82, 442
Total Receipts	235, 38, 97, 319	**Total Expenditure**	231, 25, 48, 527
Opening Balance	14, 77, 94, 783	**Closing Balance**	18, 91, 43, 575
Grand Total	250, 16, 92, 102	**Grand Total**	250, 16, 92, 102

2011-12

Head	Income	Head	Expenditure (Rs)
Block Grant	121, 90, 00, 000	Salaries	156, 82, 52, 678
Additional Grant	3, 76, 000	Pension	67, 83, 36, 681
Fees a) Tuition/Admission b) Self-Finance Fee c) Academic Income	 72, 35, 814 1, 24, 38, 997 24, 54, 68, 241	Leave Salary, Pension Contrib etc.	--
		Contrib to Medical Insurance	1, 98, 900
Internal Sources	5, 43, 64, 543	Academic and Admin Expenses	
Advances/Transfers	103, 79, 00, 000	a) Recurring b) Non-recurring	14, 39, 14, 243 1, 88, 80, 768
Recoveries of Loans	2, 13, 81, 406	Refund to Advances	7, 01, 85, 300
		Grant of Loans	1, 82, 10, 453
Total Receipts	259, 81, 65, 001	**Total Expenditure**	249, 79, 79, 023
Opening Balance	18, 91, 43, 575	**Closing Balance**	28, 93, 29, 553
Grand Total	278, 73, 08, 576	**Grand Total**	278, 73, 08, 576

2012-13

Head	Income	Head	Expenditure (Rs)
Block Grant	166, 14, 20, 000	Salaries	212, 73, 04, 473
Additional Grant	50, 26, 26, 000	Pension	87, 00, 00, 000
Fees a) Tuition/Admission b) Self-Finance Fee c) Academic Income	 62, 97, 233 1, 03, 60, 745 24, 48, 74, 853	Leave Salary, Pension Contrib etc.	26, 992
		Contrib to Medical Insurance	1, 95, 200
		Contrib to LIC liked pension & gratuity	44, 83, 218
Internal Sources	6, 03, 50, 009	Academic and Admin Expenses	
Advances/Transfers	72, 69, 63, 824	a) Recurring b) Non-recurring	20, 43, 54, 934 1, 39, 33, 774
Recoveries of Loans	2, 11, 52, 385	Refund to Advances	8, 57, 47, 178
		Grant of Loans	2, 00, 73, 989
Total Receipts	323, 40, 45, 049	**Total Expenditure**	332, 61, 19, 763

Opening Balance	28, 93, 29, 553	**Closing Balance**	19, 72, 54, 839
Grand Total	352, 33, 74, 602	**Grand Total**	352, 33, 74, 602

2013-14

Head	Income	Head	Expenditure (Rs)
Block Grant	170, 14, 20, 000	Salaries	182, 73, 06, 627
Additional Grant	11, 000	Pension	90, 80, 00, 000
Fees a) Tuition/Admission b) Self-Finance Fee c) Academic Income	1, 04, 57, 899 5, 09, 89, 353 25, 22, 81, 350	Leave Salary, Pension Contrib etc.	--
		Contrib to Medical Insurance	1, 37, 700
		Contrib to LIC liked pension & gratuity	14, 60, 505
Internal Sources	6, 80, 27, 316	Academic and Admin Expenses a) Recurring b) Non-recurring	24, 67, 76, 475 2, 51, 38, 457
Advances/Transfers	103, 11, 05, 817		
Recoveries of Loans	2, 16, 99, 400	Refund to Advances	12, 50, 00, 000
		Grant of Loans	2, 10, 29, 000
Total Receipts	313, 59, 92, 135	**Total Expenditure**	315, 48, 48, 764
Opening Balance	19, 72, 54, 839	**Closing Balance**	17, 83, 98, 210
Grand Total	333, 32, 46, 974	**Grand Total**	333, 32, 46, 974

2014-15

Head	Income	Head	Expenditure (Rs)
Block Grant	219, 24, 95, 000	Salaries	178, 12, 28, 077
Additional Grant	6,18,00,000	Pension	113, 00, 00, 000
Fees a) Tuition/Admission b) Self-Finance Fee c) Academic Income	49, 99,504 1,48,01,060 24,86,62,000	Leave Salary, Pension Contrib etc.	--
		Contrib to Medical Insurance	1, 63, 800
		Contrib to LIC liked pension & gratuity	1,24, 626
Internal Sources	3,66,12,349	Academic and Admin Expenses c) Recurring	65, 25, 612 23, 58, 93, 537
Advances/Transfers	98,58,00,000		

		d) Non-recurring	
Recoveries of Loans	2,10,69,905	Refund to Advances	29, 05, 00, 000
		Grant of Loans	1, 86, 29, 115
Total Receipts	356,62,39,818	**Total Expenditure**	346, 30, 64, 767
Opening Balance	17, 83, 98, 210	**Closing Balance**	28, 15, 73, 261
Grand Total	374, 46, 38, 028	**Grand Total**	374, 46, 38, 028

2015-16

Head	Income	Head	Expenditure (Rs)
Block Grant	178, 64, 91, 000	Salaries	170, 60, 14, 828
Additional Grant	1,96,50, 000	Pension	125, 00, 00, 000
Fees d) Tuition/Admission e) Self-Finance Fee f) Academic Income	89,66,110 50,86, 976 26, 97, 86, 000	Leave Salary, Pension Contrib etc.	--
		Contrib to Medical Insurance	1, 37, 700
		Contrib to LIC liked pension & gratuity	--
Internal Sources	4, 46, 79, 385	Academic and Admin Expenses	
Advances/Transfers	103, 00, 00, 000	e) Recurring f) Non-recurring	19, 22, 210 27, 47, 04, 134
Recoveries of Loans	2, 63, 37, 700	Refund to Advances	12, 00, 00, 000
		Grant of Loans	2, 37, 55, 215
Total Receipts	318, 82, 97, 171	**Total Expenditure**	337, 65, 34, 087
Opening Balance	28, 15, 73, 261	**Closing Balance**	9, 33, 36, 345
Grand Total	346, 98, 70, 432	**Grand Total**	346, 98, 70, 432

6.4.5 Narrate the efforts taken by the university for resource mobilization.

The resources are being mobilized through:

- Alumni contribution
- Consultancy and testing services
- Self-finance courses and organizing continuous education programmes

- Special fees from international students
- Other services extended

In addition to the above internal generation of funds, the University promptly responds to the offers from public funding agencies of state and central governments for necessary financial support to create/strengthen the physical and academic infrastructure.

6.4.6 Is there any provision for the university to create a corpus fund? If yes, give details.

Yes.

The University maintains over Rs. 300 crores as Corpus Fund.

6.5 Internal Quality Assurance System

6.5.1 Does the university conduct an academic audit of its departments? If yes, give details.

Yes.

The academic audit of each department is conducted annually and placed before the academic senate.

6.5.2 Based on the recommendations of the academic audit, what specific measures have been taken by the university to improve teaching, learning and evaluation?

- Based on the recommendations of the academic audit, the teaching, learning and evaluation processes are improved by taking necessary incremental improvments and fulfilling specific requirements.
- At the end of every semester student feedback on teaching, learning and college infrastructure is collected to provide feedback to the concerned departments.

6.5.3 Is there a central body within the university to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

The teaching learning process is being reviewed at various levels -

- Department
- Faculty
- College
- University

At the University level, the Directorate of Academic Audit performs several functions such as extension of affiliation and grant of affiliation to the colleges and courses.

Apart from these functions, inspections are also conducted by the

Directorate of Academic Audit Cell during the academic year

(i) To attend to the redressal of grievances of students, staff and managements of colleges

(ii) To monitor conduct of classes, availability of teaching and non-teaching staff and the up keeping and maintenance of laboratories, teaching diaries, library and other records.

6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

Since its inception, the IQAC has played a key role in adopting many reforms which brought in quality consciousness among stakeholders.

6.5.5 How many decisions of the IQAC have been placed before the statutory authorities of the university for implementation?

The following are the main decisions that have been placed before the statutory authority of the university for implementation:

- Introduction of CBCS and Grading System in all PG Courses
- Introduction of 5-year integrated course on experimental basis.
- Development of a central instrumentation facility of sophisticated equipment for improvement of research
- Collection and Analysis of the Self Appraisal Reports of the teachers
- Introduction of Project Work in all PG Courses
- Giving weightage to Student Seminars and Assignments under CBCS
- Introduction of compulsory and Optional Add-On Courses.
- Strengthening the procedure for admissions into PhD programme
- Strengthening of course work for PhD programme.
- Starting of a separate cell for counseling of students.

6.5.6 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

Yes.

1. **Prof. S.V. Surayanaraya**, Retd., Professor
2. **Dr. G. Kumaraswamy**, Scientist – F, CSIR-IICT, Hyderabad
3. **Prof. U.V.B Reddy,** Retd. Professor
4. **Sri Shashidhar Reddy,** Manager (HR), Infosys, T.S. and A.P
5. **Dr. D. Vijay Kumar,** General Secretary, Alumni Association, UCE, OU

Prof. S.V. Suryanarayana and Prof. U.V.B. Reddy, both retired professors of the University, have contributed their expertise in teaching, research and

administrative aspects. Dr. G. Kumaraswamy helps in assuring the research quality. Sri Shashidhar Reddy and Dr. Vijay Kumar help with stakeholder and alumni inputs.

6.5.7 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

There is separate SC/ST Cell headed by a Director who regularly monitor and also sensitize the disadvantaged sections. The Equal Opportunity Cell engages in providing necessary guidance for their academic growth.

6.5.8 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centres, etc.?

All the above activities are periodically reviewed in many ways.

- The annual reports of each unit is obtained and consolidated 'Annual Report' of the University is published.
- A detailed report on the academic performance of each department and centre is reviewed for setting the goals and the targets achieved at the end of every plan period.
- Based on the performance and national priorities, thrust area of each department is identified and nurtured.
- The performance of each department and centre is reviewed on a half-yearly basis to be communicated to the State Government.

Any other information regarding Governance, Leadership and Management which the university would like to include.

Employees Welfare activities:

Day Care Centre (Shishu Ranjani) was inaugurated by Smt. V. Sunitha Laxma Reddy, Hon'ble Minister, Women and Child Welfare, Govt. of Andhra Pradesh on August 22, 2013 for the benefit of the working women employees and students.

A Three Day workshop on "**Soft skills, office procedure and accounts**" was organized by the University college of Engineering and the SC/ST employees' staff association of Osmania University during November 11-13, 2013 for the benefit of the employees of the University.

CRITERIA VII: INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the university conduct a Green Audit of its campus?

Yes.

7.1.2 What are the initiatives taken by the university to make the campus eco-friendly?

* Energy conservation

  Strict instructions are in place for energy conservation.

* Use of renewable energy

  A 30KV off-grid Solar Power Plant is installed at OU Examination Branch. Solar based lighting and uninterrupted power supply is also installed at various places in the campus.

* Water harvesting

  Water harvesting techniques have been implemented in order to recharge the groundwater potential.

* Check dam construction

  There are two lakes existing on the sprawling campus which retain considerable quantity of water. In addition, several check dams were constructed to arrest the surface water run-off.

* Efforts for Carbon neutrality

  Adequate care was taken to neutralize the carbon by keeping the whole campus as green as possible.

* Plantation

  Every year after the first rain during the monsoon period, the University undertakes massive plantation programme involving the student community and staff in coordination with the State Horticulture Department. The maintenance of the University Gardens and Greenery on the campus is under the direct control of Special Officer, Gardens & Project Green Belt.

* Hazardous waste management

  The generation of hazardous waste is at minimal level, and as such its management does not arise.

* e-waste management

  There is no specific policy of the University for managing e-waste.

However, the University hands over the waste to the designated firms as recommended by TS Technology Services.

* any other (please specify)

7.2 Innovations

7.2.1 Give details of innovations introduced during the last six years which have created a positive impact on the functioning of the university.

- Extra-disciplinary add-on courses and choice based courses – more flexibility and cross-border experience.
- Imparting soft-skills through ELTC – improved the communicative capacity and also job opportunities.
- Psychological counselling for needy students – improved inter-personal relations.
- Extended library space and working hours – flexible study habits of the students.
- Internet access with wi-fi throughout the campus including hostels – created enhanced learning opportunities.
- Online admission procedure – improved the efficiency of admission process with transparency.
- Online process of filing university examination forms – simplified and hassle free procedure.
- Distribution of question papers to the examination centres online – resulted in saving time and cost involved and also eliminated possible leakages of question papers.
- Conduct of Ph.D. eligibility test – enhanced the quality intake.

7.3 Best Practices

7.3.1 Give details of any two best practices which have contributed to better academic and administrative functioning of the university.

Best Practice – I

Title: **University Foreign Relations Office as a single window facility for foreign students**

Goal/Objectives:

Providing affordable, quality education to foreign students maintaining global standards with the following objective criteria:

- To mark and ensure the presence of Osmania University on the global map.
- To offer world-class higher education to foreign students hailing from different countries, more particularly third-world countries.

- To preserve and disseminate Indian culture, tradition and heritage in other countries.
- To forge friendly relations with other countries.
- To make the education of foreign students socially and culturally relevant.
- To transform the potential of students to suit global needs.

The Context:

Osmania University is one of the leading universities in India, in imparting quality higher education. It caters to the diverse needs of students, society, and the country. It provides quality education and research not only to Indian students but also to students from other nations. Since the number of foreign/international students desirous of pursuing various courses in Osmania University is ever-increasing, the university has established the University Foreign Relations Office as a single window agency to meet their needs.

The Practice:

- The University has centralized admissions of foreign students and established University Foreign Relations Office (UFRO) to process the admissions of foreign students and/or Indian NRIs to various undergraduate, postgraduate, research and other diploma courses offered in campus, constituent and affiliated colleges.
- To all the foreign taking admission in the University, UFRO provides tailor-made health insurance policy to cover all existing diseases.
- The UFRO hosts a website that gives all the necessary information with regard to courses offered, eligibility and fee structure for pursuing the course.
- UFRO offers guidance to the students desirous of taking admission in choosing the course of study and college by them.
- The university facilitates health security for all the foreign students to cover hospitalization due to sickness and also accident claims.
- The University has specially designed courses in English for foreign students to build their capacity in understanding the course content.
- The University conducts annual cultural programmes for foreign students to create awareness on Culture and Heritage of India and International Youth Festival in co-ordination with the office of Students Welfare, Osmania University.
- The University provides residential accommodation for international male students.
- Initiated the process of creating a database under Foreign Students Information System (FSIS) maintained by FRROs office of Govt. of India.
- The University is conducting regular Degree Award Ceremonies (Convocations) exclusively for foreign students shortly after the results are announced every year, to enable them to take admission in other foreign countries.

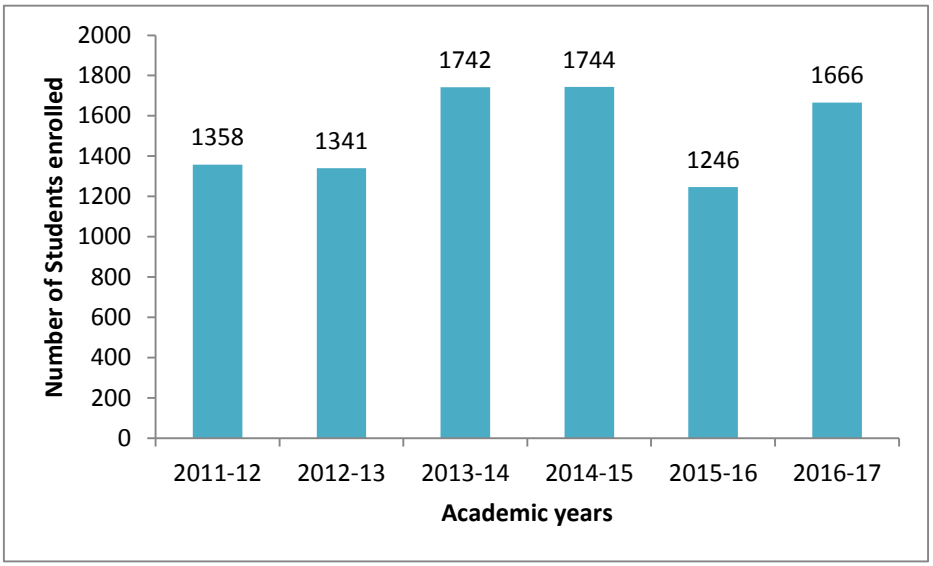
- An initiative has been taken by the university to allow the foreign students to pursue add on courses such as certificate & diploma courses in soft skills and computer related courses without affecting their regular course of study.
- The University is providing psychological counselling through 'Sahayam', (a Counselling Centre) for the students who are facing psychological and emotional instabilities, including home sickness.

Obstacles faced/Problems encountered:

- Some foreign students, particularly from Gulf countries, have constraints in communicating in English.
- Some foreign students are unwilling or unable to contribute towards the medical/health insurance citing economic factors.

Evidence of Success:

- The Osmania University has the second largest number of foreign students studying in India, and a lot more students from 81 Countries are expressing interest to join the various courses offered by Osmania University. In the year, 2014-15, a total of 1744 foreign students joined the University.
- The Indian Council for Cultural Relations (ICCR) which takes care of the foreign students in India has appreciated the tailor-made health insurance policy and the single window facility provided to foreign students by the University.
- Every year, around 300 foreign students undergo a certificate course in English as aForeign Language offered at Centre for English Language Training (CELT), Dept. of English, University College of Engineering, O.U., and English Language Training Centre (ELTC), Dept. of English, University College of Arts & Social Sciences, O.U. Students are benefitted from the English course and are able to communicate by the end of the course.
- The incidence of undue and unexpected costs of health/treatment of diseases has come down as the same is being taken care of by specially designed/tailor-made (group) medical and health insurance of all the foreign students. Students are also happy with this kind of tailor-made insurance scheme where they are considered not only for the immediate emergencies/casualties but also are treated for the pre-existing diseases. Finally, the UFRO attends to all the needs of foreign students under the ‘single window system’.



Resources Required:

- Finances for construction of office block with seminar hall and other facilities.
- Separate hostel accommodation for women students.
- Funds for creation of a state-of-the-art and interactive website to promote the activities of Osmania University in general and UFRO in particular at international level.
- Appointment of Student Counsellors.
- A Transit Guest House for parents of the international students who seek admission into Osmania University.

Contact details:

Director
University Foreign Relations Office
Osmania University, Hyderabad-500007
Tel. No. 040-27096187; 27682282; Fax: 040-27071717
Email id: director_ufro@osmania.ac.in

Best Practice – II

Title: **Web-based admission and examination processes**

Goal/Objectives:

Providing affordable, quality education to foreign students maintaining global standards with the following objective criteria:

- To reduce the time and financial costs
- To enhance the efficiency of admission process
- To reduce the delay due to logistics
- To secure the distribution mechanism for question papers

The Context:

Being one of the largest affiliating universities with about 3.20 lakh students the challenges with admissions and examinations were aplenty through manual process extending over a few months requiring services of numerous human resources. The university used to incur high expenditure towards these activities. Over a period of time, many innovative measures were initiated to strengthen the functioning of admissions and examination branches.

The Practice:

- The university has a transparent procedure for admissions into different programmes. The Directorate of Admissions is responsible for notification, conduct of common entrance tests and centralized counselling for admission into all PG programmes (M.A., M.Sc., M.Com., etc.). It also conducts eligibility test for PhD programmes. In case of professional courses, it monitors the admission carried out by the State Level bodies. All these admission processes are through web-based online counselling.

- For Admissions:
  - Online applications for registering to Osmania Universit Common Entrance Test (OUCET) for admission in to PG programmes in Osmania, MG, Telangana and Palamuru universities for their campus, constituent and affiliated colleges.
  - Biometric verification is introduced to ascertain the genuine candidates to avoid malpractices during the entrance examinations.

- For Examinations:
  - The applications for registering for semester end examinations for all the programmes is through online submission of the Examination Application Form by the respective colleges.
  - The university has also set up an online facility for downloading the hall tickets to dispense away the manual collection by the Colleges.
  - The university has set up a Secured Electronic Distribution of Examination Papers (SEDEP) to overcome the difficulties in logistics of distribution of question papers.
  - Online entry of theory awards by examiners at the Spot Valuation Centre.
  - Online entry of practical award lists by respective colleges.
  - Online publication of results to facilitate downloading by stakeholders.
  - Online verification of passed out student data.
  - Issue of computer-generated transcripts.
  - At the Examination Branch, an exclusive section manages the distribution of the answer scripts and other related examination materials.
  - The OMR-based exams are automatically processed for result generation and certification.

- For descriptive examinations, attendance and evaluation details are computerised and the results and certificates are automatically generated.
- The data of all the examinations are preserved in the database for future use.

Obstacles faced/Problems encountered:

- Forms submitted after the due date lead to delayed generation of hall tickets.
- End-user limitations in infrastructural facilities delays the smooth and timely conduct of examinations.

Evidence of Success:

- About 1.00 lakh students register for entrance tests in 54 programmes. The online registration eases the generation of hall ticket and and rank card.
- After the entrance examination the key is hosted on the website, inviting any queries from the students.
- Results are declared within ten days from the last day of the Entrance Examination.
- For successful canditates, the web-based options for selection of programmes/colleges are provided to save time and logistics.
- The web-based allotment will be done and the final list of allotted is displayed on the website for transparency in the admission process.
- The costs for printing of question paper and transportation are saved.
- Timely distribution of question papers.
- Results processed error-free and declared within the stipulated time.
- Students can download on-line provisional memorandum of marks.

Resources Required:

- Finances for construction of Office Block with Seminar Hall and other facilities.
- Provision for
  - Servers
  - DMIS
  - UPS
  - Internet

Contact details:

Director	**Controller of Examinations**
Directorate of Admissions Osmania University, Hyderabad-500007 Tel. No. 040-27090136; 27682284 Email id: directorateofadmissions@osmania.ac.in	Examination Branch Osmania University, Hyderabad-500007 Tel. No. 040-27098072; 27682293 Email id: coe@osmania.ac.in

Osmania University

Post-Accreditation Initiatives

Introduction

Osmania University established in 1917, is the seventh oldest in the country, third oldest in South India and the first in the princely state of Hyderabad. The establishment of Osmania University symbolizes a beginning of renaissance in the Indian educational system and has shown a remarkable resilience throughout its existence. The University is instrumental in the propagation of higher education catering to the needs of the student community in the region for over ten decades and has grown into one of the major Universities of India.

Osmania University has been guided by its vision and mission, nurturing globally competitive skills among the students with a quest for excellence and meeting the benchmarks of internal standards of higher education. To meet this challenge, the University strives to improve by evaluating the strengths and weaknesses in curriculum, teaching, learning, evaluation, research, infrastructure development, and governance. In the two previous accreditations, the University was graded with highest rating owing to the untiring efforts of all the stakeholders of the University who have an unquenchable quest for excellence. The University with its achievements, and lessons learnt from its failures, could continuously outperform its competitors. I am very glad to share that the university is celebrating centenary celebrations in the current year i.e. 2017.

The university has been establishing new ground by starting new PG programmes in Science, Egnigeering and Technology faculties. The faculty has many achievements to its credit with most of them being chosen for research funding under different schemes of UGC, CSIR, ICMR, ICAR, DST, DAB, NCERT, DOE, ISRO, IAEA, etc. Osmania University has also the distinction of having advanced Centers of Teaching, Research and Extension Activities in various departments.

Major thrust for the post-accreditation activities of the University has come from a thorough understanding of recommendations of NAAC peer team for institutional re-accreditation (Cycle - 2) for quality enhancement of the institution. The various academic activities and laurels listed below go a long way in the implementation of those recommendations.

Recent Accomplishments

- Recognizing the contribution in the realms of teaching, research and outreach, the university has been recognized by the UGC as ‘University with Potential for Excellence’ in 2012 under XI Plan.
- Ranked 23rd amongst best Universities in the National Institutional Ranking Framework for 2017.
- The university has been ranked among the best 10 universities in the country for the last six consecutive years as per the survey conducted by the India Today - Nielson and the Week-Hansa Research Survey.

- Osmania University has secured ranking among the 'Top 300 BRICS and Emerging Economies 2017' rankings released by the Times Higher Education World Universities Ranking.
- Osmania University has secured ranking among the 'Top 250 Asian Universities' rankings released by the Times Higher Education World Universities Ranking.
- The University College of Engineering (Autonomous) was awarded "Outstanding Engineering Institute (South)" by LOKMAT in 2014 and 2015.
- The University College of Engineering (Autonomous) has the distinction of being recognized as the Quality Improvement Programme (QIP) Center by AICTE, New Delhi for carrying out full-time doctoral programmes.
- Accorded DST-PURSE status based on Scopus Database listing
- Awarded DBT-ISLARE (only State University)
- CAS status for Five departments
- UGC-SAP status (DRS / COSIST / ASIST / ASIHSS) for 20 departments
- DST-FIST programme for 14 departments
- UGC-BSR support to 17 departments
- DST – National Nano-science Initiative's support to PG programme (2008)
- Two Campus Colleges were selected for TEQIP-II Programme nder World Bank funding through MHRD.
- Two Constituent Colleges conferred with CPE status by the UGC
- Research collaboration in frontier science,engineering and technology and cutting edge technologies with 46 national and 12 international organizations under MoUs
- The Centre for Prototyping and Testing of Industrial Products (CPTIP) has been awarded the 'Academic Research Award of Excellence' by Additive Manufacturing Society of India (AMSI) in 2014.
- Strengthened University-Industry synergy through the University Industry Hub concept
- Established Research Development and Consultancy Cell as a single window facility to shore up consultancy
- Computerization of Directorate of Academic Audit and Examination system

The Central and State Governments and the various agencies concerned such as UGC, AICTE, NAAC, etc. have been emphasizing the need for improving the quality of Higher Education in the country. During the post-accreditation period, Osmania University has made rapid and significant strides in this direction by introducing several initiatives for quality sustenance and enhancement in teaching, research and governance.

Academic Initiatives:

1. Choice Based Credit System

The University has introduced Choice Based Credit System (CBCS) and grade evaluation methods for all the PG and UG courses being offered at campus, constituent and affiliated colleges in 2009-10 and 2016-17 respectively with the approval of all the statutory bodies. Some of the salient features of CBCS and Grade systems are given below:

- A Post Graduate student has a choice of selecting one choice based courses/papers in the IV semester offered by other cohesive departments within the faculty/within the department from other disciplines. The course content should not be a part of regular conventional programme. Each course/paper is designated as Choice Based (CB) Paper which carries a weight age of four credits.
- In the CBCS system, continuous evaluation of the students in all the semesters is done through Internal Assessments, Assignments and Seminars.
- Each paper/course and Seminar is assigned with a specific number of credits and the marks secured by a student are converted into grade points and credit points. The performance of a student in a semester is expressed as Grade Point Average (GPA) and the combined performance of a student in all the four semesters of the programme is expressed as Cumulative Grade Point Average (CGPA).

2. Curriculum Development

The University has a structured set-up for Curriculum Development, through respective Boards of Studies of the subjects concerned, then to faculties, Standing Committee and Academic Senate to approve the prescribed syllabus for both the PG and UG programmes.

The Boards of Studies regularly revise and update the syllabi (once in three years) in accordance with the recommendations of UGC/AICTE/NCTE/BCI. Latest developments in the subject, the needs of the industry and the research organisations and enhancement of students' employability nationally and internationally are considered while revising the curriculum. Besides these, the needs of the students appearing for competitive examinations conducted by UGC/CSIR, NET, SET andCSIR are taken into account.

While revising the curriculum, the academic bodies give utmost importance to the feedback received from the stakeholders such as students, parents, academic peers, experts from research institutions and industry.

The following aspects have been actively considered during the curriculum development process:

- Review, revise and restructure the curricula through continuous upgradation of all programmes to incorporate standards of national and international accreditation bodies based on industry/market needs

- Offer need based socially relevant new and innovative programmes and career oriented add-on courses
- Adoption of inter-disciplinary programme across the faculties
- Strengthening UG and PG programmes by introduction of 5-year integrated courses
- Project Work has been included as an optional in all PG and mandatory in all UG and PG Professional programmes
- Organise stimulating seminars by the students, faculty and experts periodically
- Introduced Language Lab in the curriculum of all the professional courses at UG level
- One semester as Ph.D. course work has been introduced for all the registered candidates pursuing for doctoral degree. However, any candidate with M.Phil. Degree obtained in a regular mode is exempted from the Ph.D. course work

Further, the University has contemplated to establish a nodal centre at University level through Bureau of Academic Affairs to provide broad guidelines in designing the curriculum, course requirements for specific PG and UG degrees in terms of scheme of instructions, examination and evaluation with uniformity in credit and number, so as to enable for credit flexibility, credit transfer, etc.

3. Admission Procedures

In matters of admission of students to the various programes, the university does not discriminate between the various economic strata and social groups of the Indian society. In conformity with the University policy, the fee structure has been kept at a low level for all courses, including professional ones, to enable the underprivileged to have access to higher education. The University will intensify its efforts to make higher education accessible to as many people as possible.

The University feels a strong responsibility towards improving urban living conditions, alleviation of poverty and rural development. As part of the University social obligation a number of urban, rural and semi-rural education university centers are established. This type of alleviation programme will be vastly increased.

Another aspect of equality of educational opportunities concerns is addressed to the gender aspect. For various reasons, women have been deprived of educational and work opportunities. Osmania University has a full-fledged College for Women, where the facilities are on par with the other University Colleges. It has also provided for a statutory reservation of 30 percent for women candidates in all courses. The University encourages the integration of women's studies in different disciplines, besides stepping-up women-oriented activities. The University ensures that the physically challenged are provided opportunities both in admission to different academic programmes and employment in University service as per the policy of the Government.

The University offers several UG, PG and Ph.D. programmes in different disciplines. The admission procedures in vogue, according to the level of course, duly adhere to the national policy including equity and inclusiveness. The following illustrates the details of admission procedures.

Undergraduate Courses: The admission into regular, vocational and honors UG programmes is based on the merit in qualifying examination, whereas in the case of professional courses based on the rank obtained in Common Entrance Tests conducted at State level.

Postgraduate & PG Diploma Courses: The admission into all regular PG courses is based on the rank obtained in the respective Post Graduate Common Entrance Test conducted at University level. Presently, the admission is solely based on the rank obtained in the Entrance Test. However, in respect of professional courses the rank at the State level Common Entrance Tests is being considered for admission.

Ph.D. Programmes: Registration/admission into Ph.D. course in any subject is based on (1) the award of research fellowship by National level funding agencies based on the merit and eligibility tests, and (2) qualifying in the Eligibility Tests conducted at university/State/National level every year followed by performance in the interview.

In order to ensure transparency, credibility and accountability, the University has established a separate statutory and regulatory body, Directorate of Admissions, responsible for all admission processes in the university.

Objective-based admissions are carried out for various courses offered by the University while considering the following aspects:

- The schedules of admission process are brought to the notice of the general public through University web-site, notice-board and electronic & print media
- Information Brochure is supplied along the application form depicting all the particulars pertaining to the number of courses offered, number of seats available for each course, duration of the course, eligibility criteria, reservation policy, tuition fee details, and important dates in addition to general rules, regulations and instructions pertaining to discipline and code of conduct for students
- Maintenance of confidentiality for evaluation and assessment process by adopting coding and de-coding methodology
- Optical Mark Reader (OMR) answer sheet is used for quick and error-free evaluation
- The candidates are issued their rank card with marks obtained in the test in which they have appeared, by post as well as making provision to obtain the same from the web-site
- The University adheres to the State Reservation Policy in respect of SC, ST, BC, Minorities, and Women candidates

- The University admits the candidates belonging to the categories of differently abled, Children of Armed Personnel, NCC, Sports, NIQ, PIO, Industry Sponsored and Foreign nationals under supernumerary quota
- The University takes necessary measures in sensitizing the newly admitted candidates belonging to SC, ST, BC, Minorities, Physically challenged and Women students about the availability of privileges to these categories through Equal Opportunity and SC/ST Cells of the University
- The candidates qualified at National/State level tests are exempted from taking eligibility test conducted by the University for seeking admission into Ph.D. programme, however, such candidates have to apply for admission into Ph.D.
- Each Research Supervisor is allowed to guide a maximum number of eight research scholars out of which two candidates must be research fellowship holders, otherwise the number of scholars should be six. One foreign student may be as an additional seat over and above the normal strength

4. Examination Reforms

The University has promptly responded to the directions of UGC about the need for examination reforms with a particular emphasis on introducing the continuous internal assessment system with grading in a semester system of course structure. Accordingly, the University has revamped the examination process and re-introduced the continuous internal evaluation from the academic year 2009-10 in all PG programmes offered at campus, constituent and affiliated colleges. However, this system has been existing in the Engineering and Technology courses since 1974-75 academic years. The details of examination reforms introduced in the University are explained below:

Continuous Internal Evaluation:

- Continuous evaluation in all PG and UG (professional) courses through internal assessments, seminars, assignments and fieldworks with final semester end examination
- At present 20-30% weightage is given to internal assessments, assignments and seminars
- First Internal assessment is performed after completion of 50% of syllabus and second one just before the last day of instructions
- Unit based assignments are assigned at the beginning of the semester
- One to two seminar presentations are scheduled on specific days allotted by the department concerned
- Initial evaluation is done on marks basis which will subsequently be converted into grades
- Awarded marks are displayed on the notice boards of the respective departments

- From the academic year 2012-13, the university has set up Secured Electronic Distribution of Examination Papers (SEDEP) to overcome the difficulties in logistics of distribution of question papers.

End-of-Semester Evaluation:

The end-of-semester examination for courses where they follow the semester system will have a descriptive mode of examination to assess the knowledge and skills acquired during the process of course of study. In this process of evaluation the following are the salient features:

- 32-page stitched answer book with security features
- Different modes of formatted question paper with short and essay type are being framed
- Each question paper is moderated to ensure the pragmatic distribution questions covering the entire syllabus prescribed by the Chairperson of the Board of Studies concerned
- Each Answer Booklet is coded before handing over to the evaluator and decoded before tabulation
- In the case of theory, both internal and external examiners evaluate independently whereas in case of practical examination, it is a combined evaluation
- A statutory provision for moderation is in vogue
- A separate results committee is constituted for each course to declare the final results

Integration of Continuous and End-of-Semester Evaluation:

- Uniform procedure is being adopted for all the courses
- The relational weightages are being decided by the respective Boards of Studies and Faculties
- At present, the relational weightage is in the range of 20 to 30%
- Semester Grade Point Average (SGPA) is calculated based on the marks obtained for each semester
- Final results are assigned with a grade letter based on Cumulative Grade Point Average (CGPA) obtained on a ten point scale
- All the efforts are made to declare the final results within 45 days after the completion of last examination of the course concerned

In addition to the above academic and administrative reforms, the University has adopted the following practices to ensure quality and excellence:

- Introduction of OMR sheets for PG entrance examination to increase speed of evaluation, reduce expenditure, enhance security and objectivity
- Supply of detailed scheme of evaluation to all examiners to ensure uniform valuation

- Introduction of Tatkal Scheme to issue Degree Certificates and other documents on priority basis
- Introduction of security features such as micro-printing, special borders, water mark, photograph, hologram and invisible printing in degree certificates
- Electronic Data Processing (EDP) section has been established for total computerization of Examination System and it undertakes routine works related to preparation of Nominal Rolls, Issue of Hall Tickets, Preparation of D Forms, Tabulation and Processing of Results, Display of results and marks on the University Website and Printing of Memorandum of Marks and all other certificates
- On-line updating of student and faculty information of those who are on rolls
- On-line submission of examination forms and obtaining hall tickets

In its ongoing quest for excellence, the University has embarked on several progressive measures. Briefly, these are:

- Modernizing and restructuring the syllabi to incorporate standards of national and international accrediting bodies
- Enhancing access to higher education by introducing 19 new courses for regular students and five new programs under Distance education mode
- Introduction of credit based multidisciplinary (intra-faculty) courses in all PG courses from the Academic year 2009-2010
- Multi-department participation and multi-faculty participation in Arts, Commerce and Business management courses from the Academic year 2009-2010
- Digitalization of 40,000 books by participation through MoU in Universal Digital Library Project (UDLP) undertaken jointly by Carnegie – Mellon University and Government of India
- Digitalization of 5000 rare manuscripts establishing a binding and preservation section under MoU with Juma Al Majid Centre for Culture and Heritage, Dubai, UAE
- Library access computerization by indexing all the books in English language (nearly 250,000). Romanized cards for indexing books in other languages
- Enhancing the skills of faculty through research collaborations in the fields of ICT, Engineering, Chemical Technology, Nanotechnology, Pharmaceuticals and Biotechnology under 58 MoUs
- Embracing the ICT in learning and Research programs – Digitalization of the library and access to 15000 e-journals-2Mbps connectivity to campus Departments-establishment of e-learning centre in the Engineering College
- The construction of Central Student Facility (CSF) – a 24 x 7 learning facility.

Institutional support systems:

The University has established the following centers with specific mandates to contribute to the academic ambience in the campus as desired by the UGC.

- **Internal Quality Assurance Cell (IQAC)**: To develop suitable systems to improve and monitor the quality of education in the University
- **University Foreign Relations Office (UFRO)**:As a single window / liaison facility to all the overseas students
- **Research Development Consultancy Cell(RDCC)**: To facilitate sponsored research and consultancy
- **Entrepreneur Development Cell (EDC) and Technology Business Incubators (TBI)**: To develop entreprenurship skills and to promote start-ups.
- **Career Guidance Cell and Directorate of Placement Services**: To provide a platform for job givers to recruit job-seeking students
- **Alumni Association**: To channelize the interaction and support from a large number of University alumni

Infrastructure development

The University enhanced the campus infrastructure in the recent years includes:

- Fibre optic cabling and intranet connectivity covering the entire campus
- New Buildings for Controller of Examinations, Directorate of Admissions, Directorate of Academic Audit, extension of Distance Education block, Technology Development Centre, two Girls Hostels and one Boys Hostel, Gymnasium, new building for the Department of Geography, three new cafeterias, etc.
- Established a state-of-the-art featured building to house various service rendering centres to facilitate research and development activities

Healthy practices of the University:

- Appointment of students' advisory councils and lady counsellors
- Provision of student Grievance Boxes which are being monitored
- Creation of Quality Monitoring Cells (QMC) to liaison with IQAC and colleges
- Collection and analysis of Student Feed Back regarding teacher evaluation, academic and administrative matters
- Introduction of single identity card for students to be used at college, library and hostel
- Strict adherence to academic schedule
- Focused programs through centers of excellence
- Opportunities to acquire soft skills
- Ensure objective evaluation of the students

- Value addition by offering diploma courses to PG students
- Remedial instruction programmes to the needy students
- Collective responsibility in decision making through regular meetings of the Deans and Principals with the Vice-Chancellor
- Archiving of Records and automation of office
- Training of Non-teaching staff
- Emphasis on internal generation of funds through establishment of Research Development and Consultancy Cell (RDCC)
- Leasing play fields, swimming pool, herbal garden, better management of hostels, outsourcing of services, rationalization of expenditure, introduction of self-financing courses and self-financing seats, cost effective delivery of education
- Appointment of Youth Welfare Officers for all round welfare (Academic or otherwise) of the students
- SC/ST, BC Minority and Equal Opportunity Cells to help the students of this category
- Organization of Departmental Conference for the teachers of the constituent and affiliated colleges to brief them about the academic policies of the Department
- Conduct of weekly Students Seminar in respective departments on selected topics of the subjects
- Provision of Library facilities for the students appearing in competitive examination

Administrative measures:

The University as part of computerization of the entire university administration has:

- Developed the Colleges information system giving the list of UG/PG colleges under the jurisdiction of OU on the website
- Established web servers, mail servers, data base servers in the Registrar's Office, Administrative Building
- Computerized the pay roll system and e-payment, preparation of salary bills of the teaching and non-teaching staff of the University
- Activated enabled services in the campus as part of e-governance
- Decentralization of hostel administration
- Extensive "Faculty Development Programme" through Academic Staff College

Further, the university has been following several best practices in nurturing quality education and achieving excellence. It is pertinent to mention that the following 'Best Practices' have been applauded by the NAAC Peer Teem in its last review report:

Curricular Aspects:

- Pre-curriculum development workshops and post curriculum development orientation programmes for faculty are conducted

- Conscious efforts are made to improve communication skills and computer literacy among all students

Teaching-Learning & Evaluation:

- University Foreign Relations Office as a single window facility for processing admissions of foreign students has been created
- Value added courses in collaboration with industry have been initiated

Research, Consultancy & Extension:

- Sustenance of exclusive Research Centers and creation of some new centers is a research promotional initiative of the university
- Learn while you earn is an innovative concept benefiting the students and the industry

Infrastructure and Learning Resources:

- Preservation of rare books and manuscripts has been facilitated by the Universal Digital Scanning Centre established in 2004 under the Millennium Book Project
- Fibre Optic Cabling has been initiated to bring about campus wide networking and internet facilities

Student Support and Progression:

- Over 70 percent of the students are provided hostel accommodation
- Coaching programmes for Indian students who go abroad for further studies and for foreign students, courses in English communication are conducted

Governance and Leadership:

- Active participation of academia in University administration is observed
- Alumni Association is activated to enhance the resource mobilization of the University. Golbal alumni meets are being conducting annually.

Action Taken Report on the Recommendations of the NAAC Peer Team

[2nd Cycle of Assessment and Accreditation for the Quality Enhancement of the Institution]

S.No.	Recommendation	Action Taken
1.	School concept of administrative and academic streamlining has to be brought about among the university departments through statutory approvals with built-in administrative and financial decentralisation of powers and functions. The suggestive schools are: Earth and Atmospheric Sciences; Biological Sciences; Physical and Mathematical Sciences; Languages; Social Sciences and Humanities etc.	• The University structure is as per the Telangana State Universities Act. The structure is based on the concept of faculties, colleges and departments. The positions like Deans of the Faculty, Heads of the Departments and Chairpersons of the Boards of the Studies in respective subjects are statutory positions. • Administrative, academic and financial autonomy of deans, principals and heads of the departments are reviewed and improved to ensure decentralization of powers and functions.
2.	Choice based credit system type of teaching-learning process with inter-departmental horizontal mobility for students and 'credit transfer' mechanism need to be implemented in all PG Programmes of the University.	• CBCS is introduced in UG and PG programmes. This system is being recast in view of the recent UGC-MHRD initiatives in collaboration with Telangana State Council for Higher Education. • Credit transfer is allowed from regular mode to distance mode of study in selective programmes.
3.	Curriculum design and development process need to adopt a scientific and pedagogic approach based on inputs from stakeholders and emerging global trends. The capacity of the faculty needs to be enhanced with professional orientation and development of entrepreneurial skill development.	• Feedback from all the stakeholders such as students, alumni, parents and industrial persons is taken in the design and development of curriculum to meet the global market and entrepreneurial skills. Stakeholders are included in the BoS, faculty and academic councils. • Capacity building of faculty is undertaken based on Training Need Analysis (TNA)

S.No.	Recommendation	Action Taken
4.	In-plant/internship training/industry placement need to be included in the curricula of PG Courses of the University along with updated pedagogies and inductive methods of teaching learning process like problem/project based learning, group discussions, role play, quiz programmes, IT based interactive education besides the presently followed seminars and sessional tests.	• In professional UG and PG programmes, internships and project work is made mandatory. Project work in PG programmes in Faculty of Science is optional. It is planned to make the project work / internship mandatory to all the students. • Students are exposed to Digital simulations/mock-ups and ICT tools in teaching learning process.
5.	Introduction of 5 Year Integrated Courses (for 12th standard students) to build teaching and research manpower of the university. The University Research Centres are to be involved for not only Research but also to share the expertise and infrastructure for students and faculty of other related university departments.	• Five year integrated programme are introduced in departments of Law and Chemistry (BA LLB and integrated M.Sc.). • The Faculty/Scientists of the university research centers offer their expertise for conducting research and academic programmers across various departments.
6.	Language Laboratories are to be established across the University. Specific budget for 'Research' has to be created toward university research fellowships and 'Research Starter Grants' for lecturers/ researchers of the university. Orientation programmes on scientific writing, writing for grants, newer teaching-learner technologies etc. are to be conducted as a part of Faculty Development Programme.	• Center for English Language Training (CELT) and English Language Training Center (ELTC) are conducting special programmes to impart training on communication skills for rural students and refinement of English language for foreign students. • Seed-money is provided for faculty from TEQIP and UGC UPE – FAR, UPE CART-ES, UPE CART-TM, DST PURSE programs. • Faculty development programmes are being conducted regularly on research methodologies, report writing and research proposal writing by UGC HRD Institute, UPE C-PACE and UPE FAR programmes

S.No.	Recommendation	Action Taken
7.	Psychological counselling centres with 'dialup help line services' have to be established with qualified and trained full time counsellors in the university and affiliated colleges.	• A Psychological Counselling Centre - 'SAHAYAM' is established to help students in the management of personal and psycho-social issues. Students are informed during the orientation /induction program about SAHAYAM. Students have access to this Centre and interact with the counsellors to discuss about their problems as and when required.
8.	A central instrumentation facility of sophisticated equipment with dedicated maintenance and core group technicians to assist the needy researchers and students across the university has to be established.	• To strengthen and accelerate the research activity, the University has developed a research hub - the Central Facilities for Research and Development (CFRD) with the partial support from UGC XI Plan and UPE grants. • It has facilities like Central Instrumentation Lab (NMR, MALDI TOF-TOF, confocal microscope, FTIR) Information Technology and Communication Lab, etc. • The CFRD building has spacious accommodation of 54000 sq. ft. with all amenities.
9.	ICT based automation of Administration; Finance and Examination divisions need to be expedited as a tool solution to bring about e-governance in a holistic manner. In order to facilitate this process, capacity building of non-teaching staff in automation and MIS management need to be institutionalised.	• Automation is done in IT Silos. Integration of all units is on. • Examination Branch, Directorate of Admissions and UFRO are fully automated. • Training is conducted for non-teaching staff on automation of accounts (Tally), use of computers. • The university also has an MOU with MCRHRD Institute for training the non-teaching and technical staff in ICT.
10.	A phase-wise Prospective Plan for the University with strategies for resource mobilisation and implementation has to formulated with due approval of statutory bodies of the university.	• A 'Vision Document' is prepared for the next 50 years to transform the University into a world-class institution by adopting the global best practices.

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3rd Cycle of Assessment and Accreditation

SELF-STUDY REPORT

Submitted to

National Assessment and Accreditation Council

Bengaluru

VOLUME - II

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OSMANIA UNIVERSITY

Hyderabad – 500 007

March 2017

OSMANIA UNIVERSITY

DECLARATION

I certify that that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Place: Hyderabad
Date: 16 March, 2017

Signature of the
Head of the Institution

Vice-Chancellor
Osmania University
Hyderabad-500007.

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3. Evaluative Reports of the Departments

Department of Ancient Indian History, Culture & Archaeology

1. Name of the Department - Ancient Indian History, Culture & Archaeology
2. Year of establishment - 1975
3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Arts

4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   M.A in Ancient Indian History, Culture & Archaeology

   Ph.D in Ancient Indian History, Culture & Archaeology

5. Interdisciplinary courses and departments involved

   Interdisciplinary courses offered based on the subjects and departments mentioned in pool - 1 of CBCS pattern.

   Revised uniform CBCS from 2016-17.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   PG Diploma in Museology (Salarjung Museum, Hyderabad)
   PG Diploma in Archival Science and Manuscriptology (State Archives)

7. Details of programmes /courses discontinued, if any, with reasons

   M.Phil. as per direction of Osmania University Administration.

8. Annual/ Semester/Choice Based Credit System

   Choice Based Credit System introduced in 2009-10, revised scheme introduced in 2011-12.

9. Participation of the department in the courses offered by other departments

   Interdisciplinary Courses under Pool-1.

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors).

	Sanctioned	Filled
Professor	1	Vac.
Associate Professors	3(1-BL)	Vac.
Asst. Professors	2	2.

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Designa-tion	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Prof. K.Venkata Chalam	M.A., M.Phil, Ph.D.	Professor	Iconography, Archaeology, Indian-Culture. Museology, Numismatics, Art History. Historiography, Tourism Management,	29	2
Dr. N.R. Giridhar	M.A., M.Phil., (AIHC&A), MA, Ph.D (History), LL.B,	Assistant Professor	Pre & Proto History, Ancient Cultures & Civilizations, Numismatics, Epigraphy, Indian History, Hyderabad History, World History, Indian Tourism.	8	1
Prof. V. Kishan Rao	M.A., M.Phil, Ph.D., LLB.	Professor (Retd.) Jan.2013	Ancient and Modern Indian History. Indian Religions. Indian Culture Indian Archaeology, Regional History (Deccan, Kakatiya, Andhra) Freedom Struggle in Hyderabad, Andhra and World History, Historiography	36	2
Prof. Meena Kumari	MA. M.Phil. Ph.D. Diploma in Tamil	Professor (Retd.) Feb.2013	Art History, Museology, Southeast Asian Studies, Indian Culture, Historiography, Iconography. Tourism Management and Numismatics	34	2

* Professor K.Venkatachalam,at present is on deputation to TSCHE,Govt.of T.S. as Vice-Chairman-1

* Dr.N.R.Giridhar- Head & Chairman B.O.S. Department of AIHC&A, from 2013-Feb.

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors

Prof. RadhaKrishna Sarma(helped the Dept.till 2013)

--Prof. S. Dhareshwari

Dr. P.V. Parabrahma Sastry

Prof. A. Bobbili

Prof .Y. Sudharshan Rao
Prof. B.N. Naidu
Prof. K.P. Rao
Prof. K. Suryanarayana
Prof. D. Bhaskara Murthy
Prof. R. Vasantha
Prof .P. Rama Lakshmi
Prof. V. Ramakrishna
Prof. P. Chenna Reddy
Dr. M.L. Nigam
Prof. K.Basavaraja
Prof A .Vijaya Kumar
Prof. M. Krishna Kumari
Prof. P. Hymavathi
Prof. D.R. Raju
Prof. D. Kiran Kranth Choudhary
Prof. R.L. Hangloo
Prof. P. Neerajakshula Naidu
Prof. N. Krishnappa
Dr. A.K.V.S. Reddy
Dr. I.K. Sarma
Dr. G. Kamalater

13. Percentage of classes taken by temporary faculty - programme-wise information

PG 80%

14. Programme-wise Student Teacher Ratio

PG Diplomas 6:1; PG 7:1; Ph.D. 8:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Two (1 Sr. Asst. & 1 Office Subordinate)

16. Research thrust areas recognized by funding agencies

Ancient Indian History Culture
Archaeology, Archival Studies and Manuscriptology
Museology
Tourism

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise

Two - Minor Research projects – UGC Rs. 8000 to 15000 completed
Four - Major Research Projects – UGC – Rs. 3 lakhs to Rs.6.20 lakhs (3 completed)

18. Inter-institutional collaborative projects and grants received

a) All India collaboration b) International Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received. Nil

20. Research facility/centre with

- state recognition – AP State Archives and Research Institute, Hyderabad
  Salarjung Museum, Hyderabad.
- national recognition

- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies Nil

22. Publications:

- Number of papers published in peer reviewed journals (national / international) – 6
- Monographs – 4
- Chapters in Books – 12
- Edited Books – 15

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated : Nil

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad Nil

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

National Committees and Editorial Boards – Four

27. Faculty recharging strategies

Workshops, interaction with experts in AIHC&A and other related archeological research institutes at state level.

28. Student projects – Projects for 4th Semester students of MA.

- Percentage of students who have done in-house projects including inter-departmental projects - 100%
- Percentage of students doing projects in collaboration with other universities / industry/institute - Nil

29. Awards / recognitions received at the national and international level by

- Faculty

  Best Teacher Award to Prof. V. Kishan Rao in 2013, Ex-Registrar & Dean, UGC Development.
- Doctoral / post-doctoral fellows

  One PDF, awarded by Ministry of Culture, Govt. of India.
- Students – Interfaculty Competitions / Games / Sports and College Debates at college & Inter University level.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Nil

31. Code of ethics for research followed by the departments

As stipulated by UGC and University norms in relation to relevant research areas.

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
PG	105	25	10		
Ph.D. 2010-2013	55	27	10		
PG Diploma in ASc & Manuscriptology	26	9	3		
PG Diploma in Museology	26	8	4		

33. Diversity of students

Name of the Course (Refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PG	97	2		1
Ph.D.	97	1		2
Diplomas	100			

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Central Services	–	11
Defence Services	–	6
Net	–	6
Other Competitive Examinations	-	35-40

35. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	35
Ph.D. to Post-Doctoral	1
Employed	30
• Campus selection	27 6

• Other than campus recruitment	
Entrepreneurs	4

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	100
from other universities within the State	--
from universities from other States	--
from universities outside the country	--

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period Nil

38. Present details of infrastructural facilities with regard to

i.	Library	University Main Library, College Reference Library
ii.	Internet facilities for staff and students	Department, College, Internet Lab, Central Facility Campus.
iii.	Total number of class rooms	2
iv.	Class rooms with ICT facility	--
v.	Students Laboratories	--
vi.	Research laboratories	Research facility available at State Archives, Salarjung Museum and Department of Archeology & Museums, Govt. of AP.

39. List of doctoral, post-doctoral students and Research Associates

i. from the host university
ii. from other universities

40. Number of post graduate students getting financial assistance from the university

Under various schemes applicable as per University Guidelines to the Eligible candidates.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

42. Does the department obtain feedback from

1. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

   Student feedback as per University norms / evaluation / re-orientation.

   - To incorporate in the curriculum

2. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Student feedback as per University norms / evaluation / re-orientation.

- To improve skills on the basis of feedback

3. alumni and employers on the programmes offered and how does the department utilize the feedback?

   Alumni / Interaction / evaluation / re-orientation.

   - Regular alumni feedback and interaction and basing the evaluation and reorientation of the departmental programmes.

43. List the distinguished alumni of the department (maximum 10)

a. Prof. M. Radha Krishna Sarma(late)Emiritus Professor.Founder Member-Department of AIHC&A,Osmania University,Hyderabad.
b. Prof. V. Meena Kumari
c. Prof. V. Kishan Rao
d. Prof. Dareshwari
e. Prof. K. Venkatachalam
f. Prof .Y.Sudharshan Rao
g. Dr. Veerender
h. Dr. Kamalakar
i. Ananda Shanker, IRS
j. Tahir, ASI

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts

Special lectures / workshops / seminar held in the department / in other allied subject departments involving evaluation and appraisal by external experts.

45. List the teaching methods adopted by the faculty for different programmes

RCRM / Audio Visual / Field Trips / Research Facilities utilized for diplomas in collaborative institutions / evaluations of students and staff performance / internals / projects under CBCS pattern.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Evaluation / students / staff appraisals / upto dating information from latest developments in the concerned areas of study.

47. Highlight the participation of students and faculty in extension activities

NSS and other community services.

48. Give details of "beyond syllabus scholarly activities" of the department

Participation in workshops special lectures / seminars of various research institutions dealing with different subjects / editorial work.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, departmental programmes evaluated by collaborative institutes at the state level.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied

Involving in data collection of Filed Archeology and related areas research with the help of State Archaeological and Museum Departments, BA & CRI and ASI Unit, Hyderabad.

Generates new knowledge keeping in view the latest developments in the field of culture and archeology.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Support of senior retired professors, regular appraisals of students / staff performance / field trips / research facilities in collaborative institutions.

Need to fill vacant faculty positions / lack of Government Financial support for field Archeology.

To introduce Archaeology course at UG level in the constituent colleges of Osmania University / to have own building and other infrastructure / to introduce Tourism course at PG level / to have Departmental Museum.

52. Future plans of the department

Proposing to introduce full-fledged MA course in regular mode in the field of Tourism / to introduce field Archeology / have own building and supporting infrastructure with stress on research lab / departmental reference library / well equipped seminar hall / and introducing smart class teaching.

Department of Arabic

1. Name of the Department : **Arabic**

2. Year of establishment : **1919**

3. Is the Department part of a School/Faculty of the university? : **Yes**

4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Regular:

Doctoral	Ph. D.	5 years
Master	M. A.	4 Sem. (2 years)
Jr. Diploma	Modern Arabic	1 year

Self Finance:

PG Diploma	Translation (Arabic – English)	1 year
Sr. Diploma	Modern Arabic	1 year
Certificate Course	Proficiency in Arabic	6 Months

5. Interdisciplinary courses and departments involved

Yes – English, Linguistics, Journalism, Persian, Urdu & Islamic Studies.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Nil

7. Details of programmes / courses discontinued, if any, with reasons **Nil**

8. Annual/ Semester/Choice Based Credit System

Semester with Choice Based Credit System

9. Participation of the department in the courses offered by other departments

No

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Designation	Sanctioned	Filled
Professor	2	2
Associate Professors	4	0
Asst. Professors	6	0
Total	**12**	**4**

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Sl No	Name	Qualifi-cation	Designation	Speciali-zation	No. of Years of Expe-rience	No. of Ph.D. students guided for the last 5 years
1	Dr. Syeda Talath Sultana	M. A., M. Phil., Ph. D.	Professor & Head	Modern Arabic Literature	19	- -
2	Dr. Mehjabeen Akhtar	M. A., M. Phil., Ph. D.	Professor& Chairperson	Modern Arabic Literature	19	- -
3	Prof. Mohammed Mustafa Shareef	M. A., M. Phil., Ph. D.	Professor	Classical Arabic Literature, Arabic – English Translation	26	9
4	Prof. Hafiz Syed Badiuddin Sabri	M. A., M. Phil., Ph. D.	Professor	Classical Arabic Literature, Arabic Linguist	25	5

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors

Nil

13. Percentage of classes taken by temporary faculty – programme-wise information

M.A. - 50%

Diploma - 60%

14. Programme-wise Student Teacher Ratio

M. A. = 7:1

Diplomas = 16:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Technical Staff : Nil

Administrative staff : 1 (Filled)

16. Research thrust areas recognized by funding agencies

I. Preparation of an anthology of Arabic Poetry composed in South India.
II. Indo-Arab relations.
III. Survey of Sufistic Literature of South India.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

DRS Phase – II (SAP) 2013 – 2018 Rs.50,00,000 Lakhs + One Project Fellow

18. Inter-institutional collaborative projects and grants received

a) All India collaboration Nil

b) International Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

Programme	Grant	Thrust Area
UGC – DRS – I (completed in 2012)	38,00,000/-	Indo Arab Literature
UGC – DRS – II	50,00,000/-	Indo Arab Relations& Translation

20. Research facility / centre with

- state recognition Nil
- national recognition Nil
- international recognition Nil

21. Special research laboratories sponsored by/created by industry or corporate bodies

Nil

22. Publications:

*	Number of papers published in peer reviewed journals (national/international)	67
*	Monographs	--
*	Chapters in Books	12
*	Edited Books	4
*	Books with ISBN with details of publishers	22
*	Number listed in International Database	--
*	Citation Index – range/average	--
*	SNIP	--
*	SJR	--
*	Impact Factor – range/average	--
*	h-index	--

23. Details of patents and income generated **Nil**

24. Areas of consultancy and income generated **Nil**

25. Faculty selected nationally/ internationally to visit other laboratories in India and

abroad **Nil**

26. Faculty serving in

a) National committees - 3
b) International committees - Nil
c) Editorial Boards - 6

Al – Tanveer – National
AqlamWaidah - National
Al Sahwa Al Islamia – National
Al Islam – National
AnwareNizamia – National
Al Ihsan – International

d) any other (please specify) - Nil

27. Faculty recharging strategies

Attending orientation and refresher courses

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects 87
- percentage of students doing projects in collaboration with other universities / industry / institute 13

29. Awards / recognitions received at the national and international level by

Faculty 1

Prof Mehjabeen Akther - Best Teacher Award for the achievement of literary contribution (2012-13)

Doctoral / post doctoral fellows Nil

Students Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

International Seminars : 1
National Seminars : 1

31. Code of ethics for research followed by the departments

The department has designed its own style manual (based on MLA 7th edition and APA latest edition) for documentation of Phd Thesis which will be followed by all scholars submitting their Phd.s hence forth.

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
Ph. D.	--	--	--	--	--

M. A.	50	30	20	94	90
Jr. Dip. in Modern Arabic	46	37	9	91	100
PG Dip. in Translation	108	96	13	96	99
Sr. Dip. in Modern Arabic	60	43	27	94	98
Certificate of Proficiency in Arabic	--	--	--	--	--

33. Diversity of students

Name of the Course (refer to question no. 4)	**% of students from the same university**	**% of students from other universities within the State**	**% of students from universities outside the State**	**% of students from other countries**
Ph. D.	--	- -	- -	--
M. A.	52	5	3	40
Jr. Diploma in Modern Arabic	86	6	8	- -
P. G. Dip. in Translation (Arabic – English)	2	2	6	90
Sr. Dip. In Modern Arabic	87	3	2	8
Certificate of Proficiency in Arabic	- -	- -	- -	- -

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET: 1

35. Student progression

Student progression	**Percentage against enrolled**
UG to PG	- -
PG to M.Phil.	- -
PG to Ph.D.	**70**
M. Phil. To Ph. D.	- -
Ph.D. to Post-Doctoral	- -
Employed (including Govt. & Private Sector) • Campus selection	62 - -

Student progression	Percentage against enrolled
• Other than campus recruitment	27
Entrepreneurs	- -

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	**100**
from other universities within the State	- -
from universities from other States	- -
from universities outside the country	- -

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period

Nil

38. Present details of infrastructural facilities with regard to

a) Library : Yes

b) Internet facilities for staff and students : Yes

c) Total number of class rooms : 3

d) Class rooms with ICT facility : 3

e) Students' laboratories : --

f) Research laboratories : 1

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university : Nil

b) from other universities : Nil

40. Number of post graduate students getting financial assistance from the university.

Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- -

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes

c. alumni and employers on the programmes offered and how does the

department utilize the feedback? No

43. List the distinguished alumni of the department (maximum 10)

Prof. Mohammed Abdul Moid Khan

Prof. Abdul Haq

Prof. Mohd Abdul Sattar Khan

Prof. Syeda Mehrunnisa

Prof. Syed Ibrahim Nadvi

Dr. Zahid Ali

Prof. Mohammed Sultan Mohiuddin

Prof. J. Jameelunnisa

Prof. Qamarunnisa Begum

Prof. Mohd Abdul Majeed

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Special Lectures	:	4
Workshops	:	4
Seminar	:	4

45. List the teaching methods adopted by the faculty for different programmes.

- Marker white board
- Projector with LCD
- Microphone System

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- By conducting exams
- By conducting viva
- Taking feedback

47. Highlight the participation of students and faculty in extension activities.

- Arrangement of study tours
- Arrangement of seminars and workshops

48. Give details of "beyond syllabus scholarly activities" of the department.

- Extension Lectures by the experts
- Organization of Workshops

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- By reviewing curriculum
- Introducing need-based courses

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- Translation
- Organization of Workshops and Seminars
- Guiding students for the placements in MNCs
- Inter-disciplinary course
- Soft Skills promotion.

52. Future plans of the department.

- To start PG program in Arab Studies

Department of Communication and Journalism

1. Name of the Department : Communication and Journalism

2. Year of establishment : 1954

3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Arts

4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   MCJ (upgraded to two year course from 2011-12)

   Ph.D in Communication and Journalism

5. Interdisciplinary courses and departments involved.

   The Department offers1) Freelance Journalism, and 2) Publishing as interdisciplinary papers targeting the students of Arts and Social Science faculties.

6. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil

7. Details of programmes / courses discontinued, if any, with reasons

   BCJ course has been discontinued from the academic year 2011-12 as the university decided to upgrade the existing one year course to two year master's course.

8. Annual/ Semester/Choice Based Credit System.

   Semester-wise (Choice Based Credit System)

9. Participation of the department in the courses offered by other departments

   Nil

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor	01	05
Associate Professor	03	01
Assistant Professor	06	01

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Experi-ence	No. of Ph.D. students guided for the last 5 years
Prof. K. Nageshwar (On lien)	MCJ, Ph.D	Professor	News Paper Reporting & Writing, Development Journalism, Magazine writing and Applied Communication	25	-
Prof. C. Padmaja Shaw	M.A., MCJ, M.Phil, Ph.D.	Professor	Audio-Visual-Communication, Development-Communication, Communication and Research	25	02
Prof. K. Narender	MCJ, Ph.D.	Professor	Creative Writing, Magazine Writing	24	--
Prof. K Stevenson	M.A., M.Phil. M.C.J., Ph.D.	Professor	Editing, Reporting, Organisational Communication , Public Relations	24	01
Prof. B. Balaswamy	M.A Ph.D.	Professor	Research Methodology, Audio Visual Communication	17	--
Sri. M. Srinath Reddy	M.C.J., M.Phil	Associate Professor	Print Journalism, Public Relations, Development Communication	24	--

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors

Mr.T.Bavanarayana - Visiting Faculty

13. Percentage of classes taken by temporary faculty – programme-wise information

MCJ - 20

14. Programme-wise Student Teacher Ratio

BCJ - 7:1

MCJ - 4:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

	Sanctioned	Filled
Stenographer	01	1
Typist cum Junior. Assistant	01	1
Tele-printer Attendant	01	1
Office Subordinate	02	1

16. Research thrust areas recognized by funding agencies

Print Media, Electronic Media, Advertising and Public Relations, Development Communication and New Media

17. Number of faculty with ongoing projects

a) National : 04

b) International funding agencies : Nil

c) Total grants received : Rs. 14 Lakhs

Give the names of the funding agencies and grants received project-wise.

1. Evaluation of Computer Literacy Training Utilization Under 'Siksha' Programme of Microsoft Learning and SSA (Rs.2,96,250/-)
2. Evaluation Study on Zero Enrollment schools in Andhra Pradesh (Rs.1,00,000/-)
3. UGC-MJRP entitled Media and Dalits representation and presentations (Rs.6, 28,000/-)
4. Evaluation of Audio/Video & IMLO programmes State Institute of Educational Technology (SIET), Ramanthapur, Hyderabad. Rs.3,20,000/-

18. Inter-institutional collaborative projects and grants received

a) All India collaboration: Nil

b) International: Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

Centre for Advanced Study (CAS-I): Rs.55 Lakhs under UGC (2008-2013)

Centre for Advanced Study (CAS): Rs.183 Lakhs under UGC,Thrust area Media Monitoring and documentation.

20. Research facility / centre with

- state recognition --
- national recognition --
- international recognition --

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

* Number of papers published in peer reviewed journals (national / international)

National	:	20
International	:	05

* Monographs : --
* Chapters in Books : 04
* Edited Books : Published 10 books (Distance education material)

  Published 05 books (Kakatiya University and PS Telugu University)
* Books with ISBN with details of publishers: 04 (Concept Publishers, New Delhi)
* Number listed in International Database (For *e.g*. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):
* Citation Index – range / average : --
* SNIP : --
* SJR : --
* Impact Factor – range / average : --
* h-index : --

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated : Nil

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad

Nil

26. Faculty serving in

a) National committees : Nil

b) International committees : Nil

c) Editorial Boards: Prof.K.Stevenson, Prof.Padmaja Shaw, Prof.P.L.Vishweshwar Rao, Prof.B.Balaswamy, Prof.K.Narender,Prof.K.Nageshwar

d) any other (please specify)

27. Faculty recharging strategies:

- Participation in the seminars/workshops organized by other departments and institutes.
- Conducting conferences periodically
- Visiting media organisations and interacting with professionals

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: 70%
- percentage of students doing projects in collaboration with other universities / industry / institute: Nil

29. Awards / recognitions received at the national and international level by

- Faculty: Received best PR teacher award: Prof. K. Stevenson & M. Srinath Reddy from PRSI
- Faculty Best Teacher Award received by Prof. B. Balaswamy from Public Relations Society of India (PRSI) in 2015-16
- Doctoral / post doctoral fellows: --
- Students: Mr. J. Babu Lal participated in an International Tournament held in Korea.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

National Symposium/Seminar:

1. Two-day national seminar and film festival on "Covering women's issues: Obstacles and opportunities" on 27-28 March 2012 In collaboration with EMMRC, Centre for Women's studies, ICSSR, NTPC, EMMRC-EFLU.
2. Organised 'Prof. Bhasheeruddin Memorial Lecture' on August 28, 2013 in collaboration with Osmania Alumni and Public Relations Society of India.
3. Seminar on 'Role of Media in Rebuilding Telangana' on November 6, 2013.
4. Seminar on 'Legal and Constitutional Issues relating to the formation of the State of Telanagana' on November 27, 2013
5. Seminar on 'Election and Right to Information Act' on April 9, 2014.

Workshops:

1. Public Relations for Corporate Excellence on August 4-5,2010 in collaboration with OUCIP and Kansas State University.
2. Issues of Relevance to Public Relations Educators on August 11-12,2010 in collaboration with OUCIP and Kansas State University.
3. Public Relations Teachers on August 18-19,2010 in collaboration with OUCIP and Kansas State University.

31. Code of ethics for research followed by the departments

- Departmental Research Committee (DRC) issues letters to Research scholars seeking permission from institutions/organizations to facilitate research.
- DRC lays down broad guidelines on ethics which include issues relating to plagiarism.
- Research ethics are being taught as a part of research course work.

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
BCJ (2008-09)	1600	42	15	16	11
MCJ	290	39	08	27	04
BCJ (2009-10)	1700	43	24	37	10
MCJ	250	26	14	14	10
PhD	70	28	06	05	01
BCJ (2010-11)	1800	46	29	33	13
MCJ	300	26	15	23	12
PhD	72	06	01	-	-
MCJ two year (2011-12)	1900	43	20	22	07
MCJ one year	290	34	11	18	10
MCJ two year (2012-13)	1500	35	17	13	13
MCJ (2013-14)	1700	49	20	44	20

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MCJ	85	05	05	05
MCJ	80	10	05	05
PhD	70	10	05	15
BCJ (2010-11)	80	05	10	05
MCJ	80	10	05	05
PhD	57	43	-	-
MCJ two year (2011-12)	80	10	05	05
MCJ one year	80	05	05	10
MCJ (2012-13)	80	10	05	05
MCJ (2013-14)	80	10	05	05
MCJ (2014-15)	80	10	05	05
MCJ (2015-16)	86	05	03	06

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

1. Civil services and Defence services examination : --
2. NET : 30
3. Group I & II, APPSC : 3
4. Others (Banks, IIS etc.) : 6

35. Student progression

Student progression	Percentage against enrolled
UG to PG	20
PG to M.Phil.	--
PG to Ph.D.	10
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	 30 70
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	80
from other universities within the State	10
from universities from other States	Nil
from universities outside the country	10

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Nil

38. Present details of infrastructural facilities with regard to

a) Library : Yes
b) Internet facilities for staff and students : Yes
c) Total number of class rooms : 03
d) Class rooms with ICT facility : 03
e) Students' laboratories : News-lab (Yes)
f) Research laboratories : TV Studio (Yes)

39. List of doctoral, post-doctoral students and Research Associates

a) List of Ph.D awarded

b) Research Scholars from the host university :

S. No	Name of the Student	Title/Topic Research
	M. Maheshwar	Influence of Mass Media on teenagers Diet and Health related behavior
1.	V. Sudhakar	Trends in Telugu News Channels – A Study of Standards, values and Professionalism
2.	B. Sunil	Community Radio as an agent of social change – A Comparative study of sangam and nammadhwani
3.	M. Kamalakar	Portrayal of police roles in telugu films: A study of the perceptions of police and public
4.	K. Anitha	Socio, Economic and Cultural impact of soap operas on home makers: A study in Andhra Pradesh
5.	K. Mahesh	Dalit movements and Media coverages
6.	G.V.N. Satya Narendranath	A study on the credibility of social media
7.	Ch. Laxmi Pramoda	Broadcast Regulations in India in the post liberalization period: A case study with emphasis on expansion of Television
8.	P. Harsha Bhargavi	Discourses and Realities of Telugu News Channels in Andhra Pradesh
9.	S. Supriya	Internet usage habits among the undergraduate students: An exploratory study among the rural, urban and metropolitan students in Andhra Pradesh
10.	K. Shashidar Reddy	Study of Public Relations and Advertising in Health Care
11.	P. Madhusudhan Reddy	Portrayal of violence in media and its impact on society
12.	R. Ravikanth Reddy	Telangana Agitation – Media Perspectives
13.	D. Chandra Bhaskar Rao	Challenges faced by the media in reporting the CPI (Maoists) insurgency in Andhra Pradesh
14.	Anees Ur Rahman Khan	Role in Media in Promoting Innovative Farm Technologies
15.	G. Sri Phani Srujana	The impact of local celebrities in advertising: A study on advertisements endorsing local celebrities.
16.	Srinivasulu	Representation of Dalits in Print and Electronic Media: Their Problems and Issues
17.	B.S.D. Raja	Role of ICT's in Promoting Education: An Evaluation of e-content. Video programme &
18.	K. Ramaswamy	The study of relationship between programming and marketing strategies of Telugu channels in Andhra Pradesh
19.	G. Kishore Kumar	Separate statehood for Telangana: A study on the Role of Media

20.	V. Swetcha	Role of Media in Women Development
21.	P. Anil Kumar	When the camera is handed over: Participatory video and its impact on communities: A study of two PV units.
22.	Sharada.G	Uses and Gratifications of Internet – A study among college students in Hyderabad
23.	S. Raja Bhushanam	Research Proposal on AIDS Awareness & Impact
24.	P. Aditya Chakravarthy	Role of Mass Communication in Promoting rural banking: A study in Andhra Pradesh
25.	C. Chandra Shankhar	Corporate Communication – Public relation strategies of south central railway – A case study.
26.	B. Ravi	Media and Politics in Andhra Pradesh
27.	V. Srinivas	Aadhar (Unique ID) Project: A study on the importance of efficient communication for its success
28.	R. Karunkar	A Study on the role of electronic and print media towards the participation of women in panchayat raj institutions
29.	N. Srinivas Rao	Media and Elections: The Study of Phenomenon of Paid News
30.	V. Vittal Rao	Telugu news channels in Andhra Pradesh: A Politico-Economic Study
31.	Md. Khaja Masioddin	Role of ICT's in Promoting School Education: A case study of Andhra Pradesh State
32.	Santosh Kumar Biswal	Representation of disabled people in print media in India
35.	Ramakrishna B	Framing of Economic Policy Issues: A Comparative Study of Leading General and Business Newspaper
36.	Y Nirmala	Role of Community Media in Empowering Women
37.	Kiran Kumar K	Mass Media and Its Impact on the use of Contraceptive Devices by Women in Mahbubnagar District
38.	D V Raghunadh	Online Telugu Newspapers: A Study of Praxis and Users Opinions
39.	Vanam Venkateshwarlu	Telugu Patrikala Tabloids Prajalaku Chese Melu
40.	Ramesh Palvai	Diversity in Media: A Comparative Study of Four Major Telugu Dailies from July, 2012 to July, 2013
41.	K. Upender	Media Coverage on Corruption in Print Media

c) from other universities : --

40. Number of post graduate students getting financial assistance from the university.

Eligible SC, ST and OBC students get social welfare scholarship from State Government.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Yes, threadbare discussion took place at various levels, based on the industry

needs and also feedback from the students, before introducing new programmes like MCJ two years course and short term courses.

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes,

1. Individual faculty members update themselves of developments in their respective fields and gather inputs at departmental meetings.
2. Faculty-media practitioners interface on a continuous bases helps faculty to incorporate trends/technologies in the curriculum and testing methods.
3. Department has media professionals on the Board of Studies to discuss curriculum related issues. This feedback from industry professionals is incorporated in the curriculum.

b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, Department takes into consideration the feedback of the students and it is placed for discussion in the Departmental Committee Meetings action is initiated to enhance the programme quality.

c) Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes,

The suggestion of alumni are taken and accordingly some action is initiated. For example: Regarding placements the suggestions of alumni are considered to be highly valuable.

43. List the distinguished alumni of the department (maximum 10)

1.	Mr.S.Jaipal Reddy	-	Union Minister, GoI
2.	Mr.K.Keshav Rao	-	Former Union Minister, GoI
3.	Prof.Srinivas R Melkote	-	Dean, Ohio State University, USA
4.	Prof.Anant Kumar Babli	-	A & M University, Texas, USA
5.	Mr.S.Venkat Narayan	-	Senior Journalist
6.	Mr.Devulapalli Amar	-	Former Chairman, AP Press Academy
7.	Prof.Abdur Rahim (Late)	-	Former Head, Dept of C & J, OU
8.	Prof.P.L.Vishweshwar Rao	-	Former, Dean, Faculty of Arts, OU
9.	Prof.K.Nageshwar	-	Member of Legislative Council, AP
10.	Mr.Ravi Prakash	-	CEO, TV9
11.	Mr. Ramachandra Murthy	-	Chief Editor, HM TV & Hans India

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Special lectures/Workshops and seminar are organized for the enrichment of the students:

Mr. Rajashekar, CEO of NTV
Mr. Pranunjay Guha Thakurta, Eminent Journalist
Mr. Shiv Kumar, Photo Journalist, The Hindu
Mr. Joel Kumar, Sakshi TV
Mr. Raka Sudhakar, Indian Express
Mr. Thota Bhavanarayana, CEO Tulsi Television Network
Dr. Joy.C.Gordan, Kansas State University, USA.
Dr. Ananta. S. Babbili, Texas Agricultural& Mechanical College, USA.
Mr. Sarvat Hussain, Senior Communications Officer, Africa region,
The World Bank, USA
Mr. Geetanath, City Editor, The Hindu.
Mr. Dinesh Akki,Senior Copy Editor ,The Hindu
Prof. Nagarjuna, Govt. College of Printing Technology, Hyderabad.

45. List the teaching methods adopted by the faculty for different programmes.

1. Simulation exercises
2. Quizzes
3. Screening of Audio-visual programmes
4. Extempore lectures
5. Power Point Presentations
6. Student seminars / presentations

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Mid-term assessment
- Projects – Individual / Group
- Assignments: Classroom, Take home, Individual and Group
- End semester exams
- Internship

47. Highlight the participation of students and faculty in extension activities.

- Field visits to rural areas
- Student participation in NSS activities.
- Faculty offering Advisory Consultancy Services to NGO's and other educational establishments.

48. Give details of "beyond syllabus scholarly activities" of the department.

Department faculty members participate actively in various seminars, conferences, workshops, television programmes etc.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes, by UGC, New Delhi as Centre for Advanced Study

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- The department has created new knowledge in the areas of health communication, ICT's and New Media, Women and Media, and Media Ethics through the research. For instance, through the meta-analysis on health communication, the patterns of health communication have been explicated.
- The department provided policy inputs to effectively implement the various Government schemes and programmes.
- Computer Aided Reporting (CAR) helps our students to file stories for the bi-monthly publication titled Osmania Courier. Our emphasis on knowledge acquisition is through skill oriented training and our e-lab facilitation has helped us to impart skills based on new techniques.
- **The bi-annual in the research journal – Interface serves as a platform to Faculty and scholars to publish them articles/research reports.**
- Osmania Courier – the bi-monthly lab newspaper helps students to sharpen their practical skills and transfer their theoretical knowledge.

Thrust on Research:

After the department was upgraded to CAS, thrust was provided to research. A record 32 plus one JRF for 2009-10 batch and 07 for 2010-11 has been enrolled in PhD program based on their performance in an eligibility test and interview.

In the last six years, six of our research scholars have been awarded the PhD degree:

1. R. Akhileshwari, supervisor Dr.K.Stevenson
2. Prabhanjan Kumar Yadav, supervisor Prof. P.L.Vishweswar Rao
3. T.Satish Kumar, supervisor Prof.P.L.Vishweshwar Rao
4. G. Krishna Rao, supervisor Prof.C.Padmaja Shaw
5. S.Ramu, supervisor Prof.Padmaja Shaw
6. P.Kenedy, supervisor Prof. P.L.Vishweshwar Rao

In the last three years, the Department handled the following research projects.

I. Evaluation of government outreach programme—I & PR Department, GOAP.

II. Helping teachers cope with technology, SSA, GOAP.

III. SIET evaluation study on Audio, Video and IMLO lessons produced by SIET.

Teaching:

Major achievement during the last six years:

The BoS revised the syllabus and a new curriculum is in place with a major shift from a one-year BCJ/MCJ course to a two-year MCJ Program from academic year 2011-2012.

Choice Based Credit System (CBCS) was implemented in the University from academic year 2010. The Department as part of CBCS introduced two inter-disciplinary courses:

- Freelance Journalism
- Publishing

The inter-disciplinary courses are very popular at the University and a record 125 candidates opted for the course.

The syllabus has been revised every two-years and a new curriculum is in place. It was done with inputs from experts from the media industry on the Board of Studies, board of paper setters and examiners of the department. The department embarked on updating the syllabus of all courses for imparting skills in emerging areas. This is reflected in the recruitment of our students in large numbers in various media organizations.

Digital outreach:

The enabling of WI-FI atmosphere was possible in the Department due to the support of CAS under E-Lab. Today, the entire communication process is digitized. Routine student information is routed through emails/SMS. Update like examination dates/internal and semester exams/lectures are provided to students and faculty. Communication between the admin-staff-students has improved resulting in quicker spread of information to all.

Audio-visual interface in classrooms:

In the Department, the grant provided by UGC under CAS ensured that LED TV screens (four) are put up in each of the class room. The teacher now has the option to plug his pen drive and play video as an effective classroom teaching aid. All teachers are making power point lessons and are subsequently mailing for student use. The audio-visual interface has eased the complex theoretical understanding of students.

One LED TV screen is put up in the viewing room where TATA SKY connection provides access to the entire news and entertainment network in the country. News is played throughout the working hours in the viewing room.

Consultancy/Advisory role:

The faculty is involved in consultancy and advisory role with government, NGOs and Corporate sector. Here is the list of institutions the faculty is associated with:

- Union Public Service Commission, New Delhi

- Andhra Pradesh Public Service Commission, Hyderabad
- Commissioner Information & Public Relations, Hyderabad
- Andhra Pradesh Television & Film Development Corporation, Hyderabad
- Andhra Pradesh Academy for Rural Development, Hyderabad
- Andhra Pradesh Police Academy, Hyderabad
- Andhra Pradesh Press Academy, Hyderabad
- Central Detective Training Centre, Hyderabad
- UNICEF, Hyderabad
- UNESCO, Paris
- Somyamurthy Thondaman Foundation, Sri Lanka

Our faculty is also associated with a host of other universities, professional bodies, media institutions and private educational centres in the country.

New Knowledge:

New Media or online journalism is fast catching up. In order to attune our students with the skills to handle new media jobs, we have earmarked a full paper on New Media Technologies in the second semester of the MCJ course. A new lab for news processing with 13 Apple Macintosh computers and 13 HP computers has been set up for hands on and online training. The Department subscribes to PTI online service to facilitate hands-on training of students in various skills like keyboard editing, using current software like "In-design" "Quark Express" for page makeup. The students produce a daily news bulletin "Telenews", which help them in real life situations as copy editors in newspapers and magazines. Adobe Photoshop software installed in all computers in the e-lab help students in cropping pictures for different publications got out by the department.

Computer Aided Reporting (CAR) helps our students to file stories for the bi-monthly publication titled Osmania Courier. Our emphasis on knowledge acquisition is through skill oriented training and our e-lab facilitation has helped us to impart skills based on new techniques.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Well experienced Faculty
2. Availability of infrastructure
3. ALUMNI – strong network of ALUMNI
4. Students with diversity

Weaknesses:

Inadequate technical and supporting staff

Opportunities:

The Department has excellent opportunity to do well in the Mass Communication and Journalism Education with its location in Hyderabad which is a hub of media, strong Alumni in crucial places and with strengths of teaching and infrastructure.

Challenges:

- Department faces challenges from media / organization schools in the private sector.
- Being in the service sector it's a challenge to meet the man power demands of the industry.

52. Future plans of the department.

- As the tenure of departmental status - Centre for Advanced Study (CAS) – awarded by UGC ends by 2013, the Department has definite programme to compete for the next phase of CAS.
- Planning to take up media monitoring programmes to promote healthy media practices.
- Upgradation to fully functional TV studio and print media lab.
- Conversion of classrooms into e-classrooms.
- Conduct of International Conference on 'Contemporary trends in communication and media practices'.

Department of English

1. Name of the Department - English
2. Year of establishment - 1918
3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Arts
4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   M.A in English

   Ph.D in English
5. Interdisciplinary courses and departments involved

   Literature and Film
6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   --
7. Details of programmes /courses discontinued, if any, with reasons

   Nil
8. Annual/ Semester/Choice Based Credit System

   Semester, CBCS
9. Participation of the department in the courses offered by other departments

   Journalism and Linguistics depts.
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors).

Designation	Sanctioned	Filled
Professor	5	6
Associate Professor	8	
Asst. Professor	1	1

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Designa-tion	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Dr. E. Suresh Kumar	M.A., M.Phil., Ph.D.	Professor	ELT	22	12
Dr. Sumita Roy	M.A., M.Phil., Ph.D.	Professor	All literatures	28	12
Dr. B. Yadava Raju	M.A., M.Phil., Ph.D.	Professor	ELT, Indian Writing	30	12
Dr. T. Vijay Kumar	M.A., M.Phil., Ph.D.	Professor	Indian Writing in English	25	12
Dr. A. Karunakar	M.A., M.Phil., Ph.D.	Professor	American Literature	22	12
Dr. A.V. Suresh Kumar	M.A., M.Phil., Ph.D.	Professor	ELT	22	12
Dr. K.W. Christopher	M.A., M.Phill., Ph.D.	Assistant Professor	Indian Writing	5	

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors

Prof. Sukhbir Singh

Prof. Krishnaswamy, EFLU university (retd)

Prof. Joseph Dorairaj, Gandhigram university, Tamil Nadu

13. Percentage of classes taken by temporary faculty - programme-wise information

None

14. Programme-wise Student Teacher Ratio

10 : 1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

	Sanctioned	Filled
Typist cum Jr Assistant	1	1
Tele-printer Attendant		
Office Subordinate	1	1

16. Research thrust areas recognized by funding agencies

UGC SAP (DRS) 1 (2009-2014)
Thrust Area "New Orientations and Technologies in the Teaching of English"
Grant Rs. 41,50,000/- lakhs

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise

UGC Career Award (2015-17). Dr. Parimala Kulkarni
UGC Minor Research Project (2014-16) Dr. B. Ashok
UGC Minor Research Project (2016-2018) Dr. Melissa Helen. "Enhancing Communication Skills of Telugu Medium Students (from rural background) studying at Nizam College."
UGC Major Research (2010-2012)—"The Philosophy of Yoga in Contemporary American Fiction"—Principal Investigator: Prof. Sukhbir Singh; Total grant: Rs. 6,25,000/-

UGC Major Research (2010-2012)—"Pragmatics of Indian Philosophic Prose in English: A Soft Skills Orientation"—Principal Investigator: Prof. Sumita Roy; Total grant: Rs. 8,50,000/-

Minor Research Project (2009-10)—"Contemporary Indian Drama in English with Special Reference to Mahesh Dattani and Manjula Padmanabhan"—Principal Investigator: Dr. Anil Krishna. Total grant: Rs. 1,00.000/-

Minor Research Project (2010-11)—"Depiction of the Indian Ethos vis-à-vis the Poetry of Nissim Ezekiel"—Principal Investigator: Prof. Annie Pothen; Total grant: Rs. 1,50,000/-

18. Inter-institutional collaborative projects and grants received

a) All India collaboration b) International Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

UGC SAP (DRS) 1; (2009-2014); Grant: 41,50,000/-

UGC SAP (DRS) 2; (2009-2014); Grant: 95,00,000/-

20. Research facility/centre with

- State recognition –
- National recognition:

  English Language Training Center (ELTC) sanctioned by UGC in 1988 with full funding for five years.
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

- Number of papers published in peer reviewed journals (national / international) - 25
- Monographs – 10
- Chapters in Books – 12
- Edited Books – 10

23. Details of patents and income generated Nil

24. Areas of consultancy and income generated Nil

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad

Prof. Sumita Roy was invited to deliver a lecture on "Vivekananda's Practical Vedanta vis-a-vis Soft Skills" at Vedanta Center of St. Loius, USA on 21st June 2015

Prof. T. Vijay Kumar delivered a lecture in Germany and attended a seminar from 8-12 December 2016.

Prof. Sumita Roy was selected to participate in a Diaspora project of Munster University, Germany in January 2013.

Prof. Sumita Roy was nominated to conduct a 2-week Faculty Development Programme for IUBAT (International University for Business, Agriculture and Technology) in Dhaka, Bangladesh in April 2013.

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Prof. Sunaina Singh—President; Shastri Indo-Canadian Institute (SICI), New Delhi.

Prof. C. Vijayasree and Prof. T. Vijaykumar, General Secretary and Treasurer of Indian Associations for Commonwealth Literature and Language Studies (IACLALS)

Prof. Sumita Roy: founder and Chief Editor of *OUCIP Journal of Interdisciplinary Studies*

27. Faculty recharging strategies

8 faculty members participated in Refresher Courses / Orientation programmes during the period 2013-2016 at HRDC OU, HRDC HCU, HRDC JNTU, HRDC MANNU, Benaras Hindu University, etc.

28. Student projects –

- Percentage of students who have done in-house projects including inter-departmental projects

  100% students have done projects as part of MA programme during the academic year 2015-16.
- Percentage of students doing projects in collaboration with other universities / industry/institute: Nil

29. Awards / recognitions received at the national and international level by

- Faculty

  2 awards:
  Prof. E. Suresh Kumar got the Best Teacher Award in 2012.

  Prof. A. V. Suresh Kumar was honoured for his contribution to translation studies by the Hindi Academy in 2013.
- Doctoral / post-doctoral fellows
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

1. International Seminar on "Religion and Literature" on 29th-30th January 2015 at OUCIP, Hyderabad
2. National Workshop on Digital Technologies and Language Teaching at PG College Secunderabad OU held as part of the OU Dept of English's UGC SAP English DRS II program on march 1st-2nd 2016
3. Training programme for PG CBCS curriculum for faculty; 29-30 Aug 2016. Funded by UGC XII Plan Development Grant
4. Innovative Programme for Students on Curricular Development—"Performing Texts" 28-29 Sept 2016. Funded by UGC XII Plan Development Grant
5. "South Asia: Literature, Culture and Society" was organized on 27-28 March 2012. Funded by UGC.
6. "Negotiating Margins: African American and Dalit Literatures" was organized on 19-21 December 2012. Funded by OUCIP, ICSSR, USIEFI and other sponsors.
7. "Multiculturalism in American Literature" organized on 6-7 Sept 2013. Funded by UGC.
8. **Orientation Programme** for English faculty of the undergraduate courses was organized on 20-21 Sept 2013. Sponsored by Orient Blackswan Publishers.
9. **'Making the English Classroom in India more Inclusive'** on 6th and 7th January 2014. Funded by UGC.

10. "Nation and Gender: Rethinking India" on 27th and 28th January 2014. Funded by UGC.
11. Colloquium on Testing Modules for Proper Assessment of English on 1st February 2014. Under SAP (DRS) 1.

Outstanding Participants: (International)

1. Ms. April Wells, Public Affairs Officer, US Consulate, Hyderabad
2. Prof. Jane E. Schukoske, University of Baltimore, Maryland USA
3. Prof. Jennifer E. Michaels, Grinnell College, Iowa, USA
4. Prof. Trivedi, Tribhuvan University, Nepal
5. Prof. Michael Wutz, Weber State University, USA
6. Dr. Alan Johnson, Prof. of Postcolonial Studies, Idaho State University, USA
7. Prof. Carole Barrett, School of Arts and Sciences, University of Maryland, a Nehru-Fulbright Scholar at Ravenshaw University in Cuttack, Odisha

Outstanding Participants: (National)

1. Prof. Nillufer Bharucha, University of Mumbai
2. Prof. Sanjay Dutta Roy, Allahabad University
3. Prof. Shobha Chattopadhayay, Jadhavpur University
4. *Dr.Paroma* Sanyal, IIT, Delhi
5. Prof. Sridhar Rajeswaran, University of Bhuj
6. Prof. Neena Arora, Shimla University
7. Prof. R.K. Dhawan, Delhi University
8. Prof. Nibir Ghosh, Agra University
9. Mr. G. Gopal Reddy; Director of SCERT
10. D. N. Reddy, member UGC and Chairman RAC DRDO
11. Ms. Gita Hariharan, famous novelist
12. Prof. Makranad Paranjape, JNU, Delhi
13. Smt. Nirmala Seetharaman, National Spokesperson, BJP

31. Code of ethics for research followed by the departments

The department has designed its own style manual (based on MLA 7th edition and APA latest edition) for documentation of Phd Thesis which will be followed by all scholars submitting their Phd.s hence forth.

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A.	5000	120	60	115	55
Ph.D.	1000	40	25	NA	NA

33. Diversity of students

Name of the Course (Refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.A	66	08	0	26

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

NET – about 4 year ; SET – about 15 year

35. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	70
Ph.D. to Post-Doctoral	1
Employed	
• Campus selection • Other than campus recruitment	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	95
from other universities within the State	2
from universities from other States	2
from universities outside the country	1

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period

Nil

38. Present details of infrastructural facilities with regard to

a) Library Two
b) Internet facilities for staff and students Yes
c) Total number of class rooms Three

d)	Class rooms with ICT facility	One
e)	Students Laboratories	One
f)	Research laboratories	Nil

39. List of doctoral, post-doctoral students and Research Associates

a)	from the host university	50
b)	from other universities	10

40. Number of post graduate students getting financial assistance from the university

30

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

The department has succeeded in assessing the need for English in the present market-driven economy and come to the forefront of disseminating the know-how acquired from SAP-DRS I.

During the five years of SAP DRS I (April 2009-March 2014) the department has progressively become a resource center for English studies and language teaching especially for all the universities in the Telangana region.

The needs of students were assessed through interaction; field trips by young faculty were undertaken to about 100 colleges affiliated to the university; a survey questionnaire was filled by about 50 students in each college which was later analyzed and data used for curricular and syllabus restructuring.

Needs analysis of teachers of General English at the UG level was also undertaken in order to bring in developmental modules into the syllabus.

The aim was to make the department a nodal centre for English studies in the region and this has been initiated. The strategy is by garnering the available expertise to meet the diverse needs of English which the changing scenario of global culture throws up from time to time.

Also new orientations and new approaches to literature for inculcating a literary sensibility in non-literature students has been earmarked as a huge area of potential expansion which the department will address.

42. Does the department obtain feedback from

a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

c) alumni and employers on the programmes offered and how does the department utilize the feedback?

The College obtains feedback on teaching-learning-evaluation from the students through a questionnaire. The feedback is discussed in the departmental meetings to evolve strategies to address the concerns and issues raised by students as well as teachers.

43. List the distinguished alumni of the department (maximum 10)

Prof. Sunaina Singh, Vice Chancellor, EFL University, Hyderabad

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts

Visiting Professors:

8 visiting professors visited the department of English and delivered lectures on various topics to the PG students as detailed below:

1. Prof. Sridhar Rajeswaran, Univ of Bhuj and Munster University, Germany

Prof. Sridhar Rajeswaran is the honorary director of the Center for Advanced Studies in India. He visited the department of English and delivered lectures on Indian Cinema. He highlighted the diasporic element in Indian cinema, spoke extensively on Deepa Mehta. He concentrated on the aesthetic cinema of second generation expatriate Indians especially in Canada.

2. Prof. Nilufer E. Bharucha, Univ of Mumbai

Prof. Nilufer E. Bharucha, Department of English, University of Mumbai and chief investigator, Group for Research on the Indian Diaspora (GRID) visited the Department and spoke on Diaspora.

Diaspora means to disperse. It means to move out of the homeland and settle in other countries out of many reasons. The students were enlightened about indentured labour and how Indian labourers were taken to Mauritius as coolies. They were bounded by a contract of five years payless. The indentured labour initially the Indians were promised to give free passage but when they went over there they found the condition very miserable and became captives.

3. Prof. Nibhir K. Ghosh, Univ of Agra

Prof. Nibhir K. Ghosh spoke on French Revolution and Romantic period. His insights about the French Revolution enlightened us in a broader sense of the movement and the Romantic period. He also gave a lecture on many facets of American Dilemma, American Dream, Expressionism, Black Identity, Brown Identity, Phillis Wheately, Toni Morrison and Malcolm X.

4. Prof. Mallikarjuna Rao, Kakatiya University

At present he is a Guest faculty at University of Hyderabad. He was a professor of English in Kakatiya University, Warangal, AP, India. He taught Indian writing in English and delivered lectures on Postcolonial literature. His vast knowledge on every topic enriched the students.

He has given appropriate and thought provoking examples of a Dalit women and Brahman's adultery; the condition of untouchables in those days. His vast knowledge on every topic really helped the students very much.

5. Dr. Shobha Chattopadhyay, Jadavpur University

She was the Head of the Department of English, Jadavpur University visited and spoke about Henry David Thoreau, M.K Gandhi, and Martin Luther King. Their ideas travelled from America to South Africa. She spoke about civil disobedience as conversion of the opponents and essence - fearlessness not only by body but

also from mind. Civil disobedience was taken as non-violent movement and this inspired Gandhi to the non-violent movement. Thoreau says that there should not be discrimination for blacks, he always supported blacks and Martin Luther King became the principal spokesperson for blacks.

6. **Dr. Michael Wutz,** Weber State University, USA

Dr. Michael Wutz is Brady presidential distinguished professor. He visited the department and enlightened the participants with his extempore lecture on "Harlem Renaissance." "We had never heard the term Harlem Renaissance before he spoke about it." Says one of our student participants. Harlem Renaissance is Negro literary Renaissance. It was largely white invention. Hubert Harrison is the father of Harlem Renaissance.

7. **Dr. R. K. Dhawan,** Delhi University

Dr. R. K. Dhawan is a senior academic from the University of Delhi. He visited our department and spoke on Dalit writing, *Sangathi* and *I'm Malala.* He spoke about *Sangati* the plight of a Dalit in society and how they are being exploited. He also spoke on *Inside the Haveli* by Rama Mehta. In his talk he focused on tradition, purdah, and education for women. He spoke about Malala's braveness.

The students were greatly impressed by his valuable lecture and thank him cordially for enlightening them.

8. **Dr. Neena Arora,** Shimla Univ

Dr. Neena Arora who a professor and chairperson, Department of English, H. P University center for evening studies, Shimla visited the department and delivered lectures on "Humanistic aspect of partition literature."

The session was refreshing indeed. The participants came to know what is Partition Literature which talks not about partition alone but about the suffering and trauma of humankind (before and after partition) and the atrocities committed on women during partition.

She gave examples of some Pakistani and Indian writers like Amrita Preetam- Pinjar, Sadaat Hasan- Tobba Take Singh, Manju Kapoor- *Difficult Daughters*, who through their works describe the communal riots, the condition and trauma of people before partition, and how people were running for life after partition.

She concluded the lecture by saying that partition literature teaches us the most important thing that is to **forget and to forgive** and to stay away from hatred and killing

45. List the teaching methods adopted by the faculty for different programmes

PPT presentations for Language Papers

ICT for communicative competence

Clarity Software for self-learning modules

Film screening for paper entitled "Film and Literature"

Group presentations and peer evaluation for Writing skills paper

Strategizing tools for curriculum development modules

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Through regular departmental meetings, evaluation of students' learning through seminar presentations, internal assessments.

47. Highlight the participation of students and faculty in extension activities

Extension Activities--Faculty:

Prof. T. Vijay Kumar visited University of Utah and taught a course for one semester in 2014.

Prof. Sumita Roy visited Kodad (2011, 2012 and 2014), Khonsa, Arunachal Pradesh (October 2013), Itanagar (December 2013), Balurghat (January 2014)— to interact with faculty and students of school, college and professional institutions to find out how the Dept could serve as a **Nodal Centre** and disseminate knowledge garnered during DRS 1 not only **locally** but **nationally**, especially to **tribal, rural and economically disadvantaged learners.**

48. Give details of "beyond syllabus scholarly activities" of the department

Prof. E. Suresh Kumar presented an 18 episode TV programme on Language Skills on C Channel, Prof. T. Vijay Kumar presented educational programmes on AIR and UGC TV.

Prof. Sumita Roy prepared 90 hours video curriculum for Communicative English for B.Tech of RGUKT campuses for their Virtual Classroom which is being used for the last 4 years.

Prof. Sunaina Singh was Coordinator for General English Curriculum of EMMRC, EFL University under the Consortium of Educational Communication, Ministry of HRD, Govt of India in 2011.

Prof. Sumita Roy was Coordinator for B.A. English Literature Curriculum of EMMRC, EFL University under the Consortium of Educational Communication, Ministry of HRD, Govt of India in 2012-14 under which more than 300 video lessons were prepared.

Prof. T. Vijay Kumar, Prof. Sumita Roy and others participated in the live classroom of BRAOU telecast over Doordarshan and Mana TV.

Prof. Sumita Roy conducted a soft skills workshop at IIT, Kanpur which has been uploaded on YouTube and has more than 75,000 views.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. --

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied

Many teachers are working on research projects and have published books, monographs and papers in leading journals.

Books edited by the Dept have been prescribed in various universities. Prof. D. Venkateshwarlu, Prof, T. Vijay Kumar, etc have edited the text book used by Punjab University.

Books of Prof. E. Suresh Kumar are prescribed by JNTU and various other universities.

Prof. Sumita Roy was commissioned to prepare English books for Columbia and Ghana by Sterling Publishers, New Delhi.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths:

1. Curriculum
2. Faculty
3. Foreign students
4. Revenue generation
   a) Foreign students; ELT, CELT; Royalty from books
5. International recognition for teachers. Many are on national and international boards and committees. Some have been invited to teach courses at universities abroad.

Weaknesses

1. Staff crunch
2. Need for new class rooms with modern infrastructure

Opportunities

With the coming into existence of Telangana, the dept has brought out UG texts books under CBCS using some part of Telangana culture as Reading passages in the texts in order to inculcate cultural content into the curriculum and also teach language through local literature.

With the introduction of CBCS at UG level and extending CBCS to affiliated PG colleges the department has got the opportunity to make the curriculum and syllabus more effective and need-based, including the resent trends in English language and literary studies.
In consonance with the regular PG programme, syllabus for CDE courses has also been revised. This gave the department the opportunity to prepare better and more relevant study materials for students doing their BA and MA through the Distance Mode.

Challenges
Since majority of students come from regional medium background, standards of English are likely to fall and this is a serious threat faced by the dept from the last decade or so. To counteract this, the dept has introduced innovative programmes such as PEER-TEACHING LEARNING in which the students of MA who are well-versed in English teach Oral and Written Communication to students of their own batch MA who are weak in English. 2 batches of the course have successfully been completed in 2016 and the feedback is so encouraging that we plan to expand and make it more effective.

52. Future plans of the department

- To bring out a Dept profile detailing as much of the 100 years history of the department as possible
- To initiate an annual Newsletter of the dept from January 2017.
- To prepare students to participate in national/international paper reading sessions/research publications from MA level itself.
- To start Certificate courses in English, soft skills and Personality Development
- To start coaching programme for preparing students for UGC NET/JRF
- To establish a world class computerized language lab for the benefit of students from regional medium
- To improve library facility with latest books and refereed research journals

Department of French

1. Name of the Department : French
2. Year of establishment : **1954**
3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Arts
4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

   UG. Junior Diploma
   Senior Diploma
   Advanced Diploma
5. Interdisciplinary courses and departments involved : Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   Nil
7. Details of programmes / courses discontinued, if any, with reasons:

   M.A. (French) – lack of teachers
8. Annual/ Semester/Choice Based Credit System:

   Annual (Advanced Diploma) and Semester (Junior & Senior Diploma)
9. Participation of the department in the courses offered by other departments :**No**
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors):

	Sanctioned	Filled
Professor	--	--
Associate Professors	1	--
Asst. Professors	5	1
July 2014 to June 2016		
Professor	--	--
Associate Professors	1	--
Asst. Professors	3	--

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Designa-tion	Specialization	No. of Years of Experi-ence	No. of Ph.D. students guided for the last 5 years
Ravi Eshwar Chand	M.Phil.	Assistant Professor	Linguistics, Lang. Teaching Methods, Translation &Interpretation	24	Nil
July 2014 - June 2016					
NIL					

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors

    Nil

13. Percentage of classes taken by temporary faculty–programme-wise information:

    100% - Senior Diploma.

14. Programme-wise Student Teacher Ratio**: 55:1**

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

    Sanctioned One, Filled: **Nil**

16. Research thrust areas recognized by funding agencies:**Nil**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

    Nil

18. Inter-institutional collaborative projects and grants received

    a) All India collaboration, b) International : **Nil**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

    Nil

20. Research facility / centre with : **Nil**

    - state recognition
    - national recognition
    - international recognition

21. Special research laboratories sponsored by/created by industry or corporate bodies**:**

    Nil

22. Publications: **Nil**

23. Details of patents and income generated : **Nil**

24. Areas of consultancy and income generated : **Nil**

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad **: Nil**

26. Faculty serving in : **Nil**

    a) National committees b) International committees c) Editorial Boards d) any other (please specify) :

27. Faculty recharging strategies : **Refresher Course**

28. Student projects : **Nil**

    - percentage of students who have done in-house projects including inter-departmental projects
    - percentage of students doing projects in collaboration with other universities / industry / institute

29. Awards / recognitions received at the national and international level by**: Nil**

    - Faculty
    - Doctoral / post-doctoral fellows
    - Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. : **Nil**

31. Code of ethics for research followed by the departments**--NA**

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
Junior Diploma French	325	183	142		
Senior Diploma French	121	72	49		
Advanced Diploma French	29	15	14		

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Junior Diploma French	75		20	5
Senior Diploma French	75		20	5
Advanced Diploma French	70		30	

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. **Nil**

35. Student progression :

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	--
Ph.D. to Post-Doctoral	--
Employed • Campus selection • Other than campus recruitment	--
Entrepreneurs	--

36. Diversity of staff :

Percentage of faculty who are graduates	
of the same university	**33**
from other universities within the State	**67**
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period **:**

Nil

38. Present details of infrastructural facilities with regard to

a) Library : **1250+25 =1275 BOOKS**

b) Internet facilities for staff and students : **3**
c) Total number of class rooms : **1**
d) Class rooms with ICT facility : **NIL**
e) Students' laboratories : **NA**
f) Research laboratories : **NA**

39. List of doctoral, post-doctoral students and Research Associates : **NA**

a) from the host university
b) from other universities

40. Number of post graduate students getting financial assistance from the university :

--

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. --

42. Does the department obtain feedback from.

a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? **: Yes**
b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **: Yes**
c) alumni and employers on the programmes offered and how does the department utilize the feedback? **: Yes**

43. List the distinguished alumni of the department (maximum 10)

1. V. Jyoti Reddy
2. Ravi Eshwar Chand
3. Aarti Simha
4. Manisha Kumar
5. Ashok
6. Padmashri
7. Vikas
8. Soumaya
9. Komal Sen
10. Aarshia.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Language activities from internet

45. List the teaching methods adopted by the faculty for different programmes. :

1. **Direct method.**

2. Communicate method

3. Bilingual method

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Regular evaluation

47. Highlight the participation of students and faculty in extension activities.

Participation in cultural events

48. Give details of "beyond syllabus scholarly activities" of the department.

General library use

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**Nil**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. **NA**

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Our reputation for innovative, student centered learning and our expertise in interdisciplinary methods of teaching and research
2. The practice of continuous assessment and our content and process core curriculum
3. Maintaining a learning environment that values the process of learning as much as the knowledge taught and creating and fostering an environment for work and learning in which one may achieve a level of comfort with one's individuality and culture, while accepting and respecting the individuality and cultures of others
4. Our small size sets us apart from many institutions of higher education and plays a major role in successful student engagement with students rating their interaction with our faculty among the highest levels with a personalized "one-on-one" experience.
5. Preparing students for the world beyond simply rote learning.

Weaknesses:

1. No critical mass of minority status students
2. Extremely lean operating budget which leaves little flexibility for anything creative
3. No classrooms for innovative pedagogy, not enough faculty offices
4. Lack of visible identity for the Department due to very bad public relations management, absence of communication and marketing strategies
5. Insufficient, practically no IT- support, the increased use of technology in teaching and learning Foreign Languages at other institutions with areas of expansion in intake services and applications has placed a severe strain on the staff

Challenges:

1. Imitation by other colleges of our distinctive features and programs dilutes our uniqueness and competitive advantage
2. Loss of full time faculty, and no new recruitment
3. Overcoming fear of risk-taking and innovation
4. Strengthen student retention by providing curriculum and learning experiences that enhance opportunities for relevant careers, further education, and lifelong learning
5. Strengthen student retention by providing resources and services that foster academic success, support diverse needs, and enhance opportunities for growth.

Opportunities:

1. Expanded international studies and global issues curriculum, experience, and programs
2. The growing service and information technology- based economy will create new jobs for which we can prepare students or retrain those who have lost jobs in the declining sectors
3. The expected redistribution of the population within our catchment area over the next 10 years, opportunities exist within the new environment for us by staying attuned
4. Adapting the curriculum and delivery methods to include more off-campus opportunities, being creative in course scheduling, online courses, and providing additional support for satellite spaces are a few of the ways we can meet the needs of our diverse and ever changing student body
5. Technology can also be used to enhance our relationship with constituents, ranging from prospects, community partners, internship sites, students, and alumni

52. Future plans of the department.

Restart MA Programme

Department of German

1. Name of the Department : **GERMAN**
2. Year of establishment : **1954**
3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Arts
4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

   UGJunior Diploma

   Senior Diploma

   Advanced Diploma
5. Interdisciplinary courses and departments involved :
   Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   Nil
7. Details of programmes / courses discontinued, if any, with reasons :

   MA German
8. Annual/ Semester/Choice Based Credit System :

   Annual (Advanced Diploma) and Semester (Junior & Senior Diploma)
9. Participation of the department in the courses offered by other departments:
   No
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor	--	--
Associate Professors	1	--
Asst. Professors	4	--

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Designa-tion	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 6 years
J.V.D. Moorty	M.A., PGDT, M.Litt	Associate Professor	German Language, Literature and Translation	29	Nil
June 2014 to July 2016					
NIL					

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors : **Nil**

13. Percentage of classes taken by temporary faculty – programme-wise information :

    100%

14. Programme-wise Student Teacher Ratio : --

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled : **Sanctioned One, Filled** : **Nil**

16. Research thrust areas recognized by funding agencies : **Nil**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise. **J.V.D. MOORTY – 2 UGC Minor Projects.**

18. Inter-institutional collaborative projects and grants received :

    a) All India collaboration b) International: **Nil**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received. **Nil**

20. Research facility / centre with : **Nil**

    - state recognition
    - national recognition
    - international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies

    NA

22. Publications:

    ∗ Number of papers published in peer reviewed journals (national / international)

    3

23. Details of patents and income generated : **NA**

24. Areas of consultancy and income generated : **NA**

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad : **Nil**

26. Faculty serving in : **Nil**

    a) National committees b) International committees c) Editorial Boards d) any other (please specify)

27. Faculty recharging strategies**:** Refresher Course

28. Student projects : **Nil**

    - percentage of students who have done in-house projects including inter-departmental projects
    - percentage of students doing projects in collaboration with other universities / industry / institute

29. Awards / recognitions received at the national and international level by : **Nil**

    - Faculty
    - Doctoral / post doctoral fellows
    - Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.: **Nil**

31. Code of ethics for research followed by the departments : --

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	**Applications received**	**Selected**		**Pass percentage**	
		Male	**Female**	**Male**	**Female**
Junior Diploma German	507	402	105		
Senior Diploma German	140	82	58		
Advanced Diploma German	65	40	25		

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Junior Diploma German	60		20	20
Senior Diploma German	75		20	5
Advanced Diploma German	70		30	

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. : **NA**

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	**NA**
PG to M.Phil.	**NA**
PG to Ph.D.	**NA**
Ph.D. to Post-Doctoral	**NA**
Employed • Campus selection • Other than campus recruitment	 75 80
Entrepreneurs	2

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	Nil
from other universities within the State	50
from universities from other States	50
from universities outside the country	Nil

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period : **Nil**

38. Present details of infrastructural facilities with regard to

a) Library : **1870 books**
b) Internet facilities for staff and students : **only for Staff**
c) Total number of class rooms : **1**

d) Class rooms with ICT facility : **Nil**
e) Students' laboratories : **NA**
f) Research laboratories : **NA**

39. List of doctoral, post-doctoral students and Research Associates : **Nil**
    a) from the host university
    b) from other universities
40. Number of post graduate students getting financial assistance from the university.

    NA
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology **NA**
42. Does the department obtain feedback from.
    a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes
    b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes
    c. alumni and employers on the programmes offered and how does the department utilize the feedback? Yes
43. List the distinguished alumni of the department (maximum 10) : --
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

    Language activities from internet
45. List the teaching methods adopted by the faculty for different programmes.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

    Regular evaluation
47. Highlight the participation of students and faculty in extension activities.

    Participation in cultural events
48. Give details of "beyond syllabus scholarly activities" of the department.

    General library use
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

    No
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. **NA**
51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- Our reputation for innovative, student centered learning and our expertise in interdisciplinary methods of teaching and research
- The practice of continuous assessment and our content and process core curriculum
- Maintaining a learning environment that values the process of learning as much as the knowledge taught and creating and fostering an environment for work and learning in which one may achieve a level of comfort with one's individuality and culture, while accepting and respecting the individuality and cultures of others
- Our small size sets us apart from many institutions of higher education and plays a major role in successful student engagement with students rating their interaction with our faculty among the highest levels with a personalized "one-on-one" experience.

Weaknesses:

- Extremely lean operating budget which leaves little flexibility for anything creative
- No classrooms for innovative pedagogy, not enough faculty offices
- Lack of visible identity for the Department due to very bad public relations management, absence of communication and marketing strategies
- Insufficient, practically no IT- support, the increased use of technology in teaching and learning Foreign Languages at other institutions with areas of expansion in intake services and applications has placed a severe strain on the staff

Challenges:

- Imitation by other colleges of our distinctive features and programs dilutes our uniqueness and competitive advantage
- Loss of full time faculty, and no new recruitment
- Overcoming fear of risk-taking and innovation
- Strengthen student retention by providing curriculum and learning experiences that enhance opportunities for relevant careers, further education, and lifelong learning
- Strengthen student retention by providing resources and services that foster academic success, support diverse needs, and enhance opportunities for growth.
-

Opportunities:

- The growing service and information technology- based economy will create new jobs for which we can prepare students or retrain those who have lost jobs in the declining sectors
- The expected redistribution of the population within our catchment area over the next 10 years, opportunities exist within the new environment for us by staying attuned

- Adapting the curriculum and delivery methods to include more off-campus opportunities, being creative in course scheduling, online courses, and providing additional support for satellite spaces are a few of the ways we can meet the needs of our diverse and ever changing student body
- Technology can also be used to enhance our relationship with constituents, ranging from prospects, community partners, internship sites, students, and alumni

52. Future plans of the department.

a. Resuming of M.A. German regular course
b. Introducing M.A. German through Distance Learning
c. Introducing German through Blended Learning.

Department of Hindi

1. Name of the Department : **Hindi**

2. Year of establishment : **1949**

3. Is the Department part of a School/Faculty of the university?

   Faculty (Arts) of the University.

4. Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   Ph.D.; M.A. (4 Semester) (2 Years); P.G. Diploma in Functional Hindi & Translation (1 Year)

5. Interdisciplinary courses and departments involved:**Yes**

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   Nil

7. Details of programmes / courses discontinued, if any, with reasons

   M.Phil. Discontinued on 2008-2009, Hostel Problem / Accommodation

8. Annual/ Semester/Choice Based Credit System

   Semester with Choice Based Credit system

9. Participation of the department in the courses offered by other departments

   Interdisciplinary Course in Collaboration with English & Journalism.

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

Designation	Sanctioned	Filled
Professor	04	Nil
Associate Professor	1	Nil
Asst. Professor	06	03

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Designa-tion	Specialization	No. of Years of Experi-ence	No. of Ph.D. students guided for the last 5 years
Prof. Sheela Misra	B.Sc., B.Ed., M.A., M.Phil .Ph.D.	Professor	Linguistics, Indian Literature & Modern Poetry	26	03
Prof. ShubhadaVanjape	M.A., M.Phil .Ph.D.	Professor	Medieval & Modern Poetry	28	03
Prof. Durgesh Nandini (Retired on 30-10-2016)	B.Sc., B.Ed., M.Phil . Ph.D.	Professor	Fiction, Literature, Medieval, Poetry &Gazal	26	03

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors

1. Prof.M.Venkateshwar, 2. Prof.P.Manikyamba, 3. Dr.Radheshyam Shukla,

4. Dr.Suresh Ritu Parno (Japan), 5. Dr.Sarika Kalra, 6. Dr.Malathi,

7. Dr.Rishabh Dev Sharma

13. Percentage of classes taken by temporary faculty – programme-wise information

05 Academic Consultants, 03 **Part - Timers**

14. Programme-wise Student Teacher Ratio

PG - 1: 10

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Technical staff – Nil

Administrative Staff : To be filled, 2 (Filled)

16. Research thrust areas recognized by funding agencies

Modern Literature

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

S.No.	Name of the Faculty	Title of the Project	Ongoing Projects / Completed	Funding Agency	Total Grants (inRs.)
1	Prof.P.Manikyamba	StreeVimarsh : BharatiyaNavjagaran, Hindi Aur Telugu SahityaKeSandarbh Mein	Completed	UGC	5,91,000
2	Prof.SheelaMisra	Hindi Wa Bangle KeSaltanant Kaleen Sahitya – Itihas Bodh EvamSanskritikPrisht Bhumi : Tulanatmak Drishti (12 Wi say 18 We SadiTak)	Completed	UGC	4,71,000
3	Prof.Pradeep Kumar	Parsi Hindi NatakAurRangmanch (Parsi Hindi Drama and Theatre)	Completed	UGC	7,01,800
4	Prof.K.L.Vyas	Post Independence Hindi Literature in the Context of Nature and Environment	Completed	UGC	5,66,800
5	Prof.DurgeshNandini	RastriyaNavjagran : Hindi Aur Urdu GazalKaTulnatmakAdhyan	Completed	UGC	7,14,200

18. Inter-institutional collaborative projects and grants received

a) All India collaboration Nil

b) International **Nil**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

Nil

20. Research facility / centre with --

- state recognition : Yes
- national recognition : Yes
- international recognition : Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies **Nil**

22. Publications:

Number of papers published in peer reviewed journals : 26

Prof. Sheela Misra:

1.VyshwikSanskritiKeeSthapanaMe DrishyaEvamShravya MadhyamKaMahatwa 2012 – SahityaPatrakaritaAurSanskriti.
2. Dakshin Bharat Me Hindi Adhyapan – 2012 – Dakshin Bharat Me KavitaKeAdhyapanKeeSamasya.
3 .Sahitya Rishi Vasanth – VyaktitwaEvamKrititwa – 2012, Hindi SahityaKeVikasKaItihas.
4. VaishwikaranAur Hindi June, 2013, Pg. 223 – VaishwikaranAur Hindi KaSthan.
5. Bazar Aur Media Ke Beech Hindi 2014, Pg.465 – Hindi DashaAurDisha.
6. Dakshin Asia KeSahitya Me Vikalangata – June, 2014, Pg. 47, VikalangVimarshKaVaishwikParidrishya.
7. Desh Videsh Me Hindi – Book, April,2015,Dakshin Bharat Me Hindi
8. Saltanat Kaleen Sahitya Me Itihas,Vani Prakashan,2015 ISBN 978-93-5072-729-4.
9. Bharatiya Bhashaye Wa Pravasi, 2016, Milind Prakashan,ISBN-81-86907-85-7.

Prof. ShubhadaVanjape:

1. Adhunik Rama Kavyoo Mein PurakhyanonkiPrasangikata – Sankalya, April, 2011.
2. Agneya Ki RahasyawadiChintanadhara – Pushpak, 2011.
3. KalidasEvamSurdasKeKavya Mein Prem – 'Pushpak' April, 2012.
4. Hindi Upanyas Sahitya KoShrilal Shukla Ki Den – Sravanti – March, 2013. Dakshin Bharat Hindi Prachara Sabha, Hyderabad, PP –18 – 21
5. Dakshin Bharat Mein Madhya Yugeen Hindi KavyaKePathanPaathan Ki Samasyayen – Sankalya, HindiAcademyHyderabad, Han.2013, PP. 31 – 35
6. KalidasEvamSurdasKeKavya Mein Prem – 'Pushpak' April, 2012, PP 48 – 54.
7. JankaviNagarjunKeKavya Mein Yatharth Bodh-Pshpak, 2013 PP63-63 – 69
8. RambhaktiRas Se AplavitKriti 'Antas' – Sankalya' April, 2013, PP – 144 - 146.
9. Akavita-Rachanatmak Drishti-Pushpak-issues 25-2014, PP 60-62
10. Kamayani Ki Prasangi Kta – Pushpak, November, 2015
11. Adhunik Hindi Kavita Me Nari Adhikar – Pushpak, Jan.2016

Prof. DurgeshNandini:

1. PremchandKeUpanyason Mein Nari – VivaranPatrika, 2011
2. MahadeviKeSamsmarameDakshin Bharat – 2012

3. Hindi GazalKaVikas Hindi Samavadsetu, August, 2012
4. Ashok AanjunKeGazalo Mein SamajikChetana Kerala Bharathi, Jan. 2013
5. Premchand KeKhaniyom Mein Yatharth Bodha, Pushpuka, Feb. 2013.
6. Gazal Mere ApneSahityaSethu, April-June, 2014

- Monographs : NIL
- Chapters in Books : Nil
- Books with ISBN with details of Publishers: 02

Prof. ShubhadaVanjape

1. ChhayavadDarpan, 2011, National Publishing House, Delhi, PP.324. Rs.600/-
2. Hindi SahityaEkDristikon, 2011, Milind Publishing, Hyderabad, PP.183 Rs.275/- ISBN No. 81.86907-89-6.

23. Details of patents and income generated **Nil**

24. Areas of consultancy and income generated **Nil**

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad **Nil**

26. Faculty serving in

a) National committees : 4
b) International committees : 1
c) Editorial Boards : 2

Prof. Sheela Misra

1. Shodh Sanchar – Lucknow – 2015

d) any other (please specify)

Prof. ShubhadaVanjape

1. Editor of VivaranPatrika, Hindi Prachar Sabha, Since, 2011, Hyderabad.

27. Faculty recharging strategies

Attending conferences

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects **50%**
- percentage of students doing projects in collaboration with other universities / industry / institute Nil

29. Awards / recognitions received at the national and international level by

Faculty

Prof. Sheela Misra

1. RastraBharatiPursakar 2013 by Hyderabad Council for Creative Literature and Education, 2013
2. SaityaChudamaniSanman – Cash Prize 7,500/- by International Sahitya Kala Manch – Singapore.
3. MahilaRatna Award – 2014 – Linguistic Minority Cell, All India Congress Committee.
4. Best Teacher Award – Red Cross Society – September, 2016

Prof. ShubhadaVanjape

1. Vidyasagar (D.Lit.) Award by VikramsilaVidyapeeth, Bihar, 13th Dec. 2011.

Doctoral / post doctoral fellows Nil
Students Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

S. No.	Name of the Seminar	Date	National / International	Funding
1	SET AUR NET PARIKSHOPYOGI TAIYAREE KAISE KARE	25TH Feb. & 26th Feb.2016	National	UGC Unit, O.U.

31. Code of ethics for research followed by the departments : Yes

The research that was done during this period by the department, faculty and research scholars is truly genuine and original.

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
Ph. D.	246	53	44		
M. A.	3000	178	94	90	98
P.G. Diploma in Functional Hindi & Translation	500	81	79	99	99

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Ph. D.	80	18	2	-
M. A. (4 Sem)	90	10	-	-
P.G. Diploma in Functional Hindi & Translation	100	-	-	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET- 04

35. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	20
M. Phil. To Ph. D.	--
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	 14 70
Entrepreneurs	-

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	80
from other universities within the State	-
from universities from other States	20
from universities outside the country	-

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period : Nil

38. Present details of infrastructural facilities with regard to

a)	Library	2500 books, 7 journals
b)	Internet facilities for staff and students	Staff only
c)	Total number of class rooms	2
d)	Class rooms with ICT facility	--
e)	Students' laboratories	--
f)	Research laboratories	--

39. List of doctoral, post-doctoral students and Research Associates

a) Reseach Scholars from the host university

2009-10:

1	K.Shivanand / K.Laxmikant Rao	37	B.Shiva Kumar / Naga Bhushanam
2	Subash Chandra / Bachaspati	38	Srinivas Amrutam / Gopal
3	Ajay / Gangaram	39	Shaik Abdul Ghani / Shabuddin
4	Santoshi / Ramchander	40	Babu Rao / Hanumanth Rao
5	Aparna Chaturvedi / Ajay Kumar	41	G.Rakesh Kumar / G.Satyanarayana
6	E. Sunitha / Mallaiah	42	Seema / Kishan Singh
7	Meena Singh / Durga Singh	43	Savitha Devi / Durga Singh
8	Kum. Sandhya / R.K.L.D. Azad	44	Ram Manohar Goud
9	T.S.Anil Kumar / T.S.Satish Kumar	45	S.Shiva Kumar / Krishnaiah
10	K.Suman / ShivajiChowdhari	46	Shaik Moulana / Janimiya
11	ChavhanSurekha / LaisingChavan	47	Archana Vittal Rao / PhukeVittal Rao
12	K.Kameshwari / K.Rammurthy	48	Gyaneshwar / Gangadhar
13	J.Rajender.G. / J.Hemji	49	K.Jyothi Rani / K.Gajalappa
14	A.Ramakrishna Rao . A.Shastry	50	Anjuta Rani / Jayaprakash
15	GeetaKUmari / SLS Prabhakar	51	G.Sangeetha / Gopinath Rao
16	Gayatriarya / Shanker Arya	52	M.Radha / M.Narasingh
17	Shalini / Mahanthiaiah	53	AzmatUnisa / Shaik Umar
18	H.AnitaVishwanath Rao / Vishwanath	54	Shaik Sadiq Pasha / Shaik Nazeer
19	K.Madhu / Saiodulu.K.	55	A.Kavita / A.Narayan
20	Vijay Kumar .C. / Chandoba	56	Kamala devi / SriramPetwal
21	Adinarayana / Mangya	57	W.Yadav / Jalab
22	Santosh.G. / Maruthi Rao	58	V.Ramu / V.Nagaiah
23	Ujwal / Laxman	59	R.Swapna / R.Subhash
24	Sangeeta / Datta Ram	60	M.Sadaiah / Pochamallu
25	G.Sudhakar / Keema	61	M. Raju / Keshaiah
26	Farah Nasreen / MahboobAlam	62	D.vasanta / P.M.Dhan Raj
27	Jayaprada / Appireddy	63	Jayalaxmi / Chandraiah
28	Shaik Azam / Sadiq Ali	64	DasariMoulali / Niranjan
29	N.Praveen Raju / N.Maruti Raju	65	B.Bhasakar / Mallaya.B.
30	M.Maruti / Kashinathappa	66	Govind / Sakaram
31	Nizam.D. / Shadulla	67	K.Asha Rani / K.Narayana

32	RahmatUnnisa Begum / SK. Omar	68	B.Ram Singh Nayak / Bhima
33	MD.Raufuddin / MD. Sharifuddin	69	C.Vijaya / Heemala
34	RituBhasin / BansilalBhasin	70	Monika Devi / Vinod Kumar Sharma
35	J.Naresh / ChinnaNarsaiah	71	Sumitra / Ramnivas
36	Chandra Giri Raju / Bhoomaiah	72	Rita Kohil / Nanak Chand Suri

2010-11

1	Ajay / Gangaram	14	MeherkarShivdas / Madhav Rao
2	Suresh Kumar Mishra / Rama	15	Sopan Rao / Shankarappa
3	YuvarajDhavan / KishanDhavan	16	J.Laxmikanth Rao / J.Narsingh Rao
4	B.Sapna / B.Ravinder	17	M.Saraswathi / M.Venkatramulu
5	Akashara Sinha / Gajendra Sinha	18	ChakrapaniPinniti / Rajaiaj
6	D.Bhadrasen / D.Laxminarasaiah	19	G.N.Manisha / G.Nandram
7	D.Jayaprada / D.Appireddy	20	A.Naveen Raj Kumar / A.Sundar
8	M.Madhukar Rao / Kishan Rao	21	S.Prakash / Nattulal
9	N.Madhusudhan Rao / raghava	22	R.Madan / Prem Singh
10	Vinod Jadhav / Mohan	23	K.Ansha / K.Laxman
11	B.Sheela / Rameshwar Rao	24	FarhaFathima / MD. Miskeen Khan
12	P.Srinivas / P.Sudarshan	25	TribhuvanDurgey /
13	PawarMayuraRavindra Singh		

b) from other universities

	Name	**University**
1.	Ajay	Moulana Azad Urdu University, GacchiBowli, Hyderabad
2.	YuvarajDhavan	University of Hyderabad, GacchiBowli, Hyderabad
3.	Akashara Sinha	Dakshin Bharat Hindi Prachar Sabha, Madras.
4.	D.Jayaprada	Dakshin Bharat Hindi Prachar Sabha, Madras.
5.	N.Madhusudhan Rao	Kakatiya University, Warangal
6.	Vinod Jadhav	Moulana Azad Urdu University, GacchiBowli, Hyderabad
7.	B.Sheela	Dakshin Bharat Hindi Prachar Sabha, Hyderabad
8.	PawarMayuraRavindra Singh	Dr.B.R.Ambedkar Open University, Hyderabad.
9.	M. Saraswathi	Kakatiya University, Warangal
10	ChakrapaniPinniti	Moulana Azad Urdu University, GacchiBowli, Hyderabad
11.	R. Madan	Moulana Azad Urdu University, GacchiBowli, Hyderabad

40. Number of post graduate students getting financial assistance from the university

Hostel Boarders are receiving SC, ST, BC, OBC & Minorities Scholarships from the state Government.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Yes, whenever the semester syllabus revised the teachers held BOS meetings regularly and revise according to the UPSC, TSPSC, UGC-NET/APSET syllabus taking into consideration for the benefit of students.

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, individually the teachers improve their teaching pattern according to the feedback given by the students.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, after Second and Fourth Semester Internal Assessment Exams we will give feedback forms and take back the forms after filled by the PG students and modify our teaching pattern.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback? --

43. List the distinguished alumni of the department (maximum 10)

Prof. Shashi Mudiraj

Prof. T.Mohan Singh

Prof. B.Satyanarayana

Prof. Lila Jyothi (Late)

Prof. Yamuna Kumari

Prof. M.Venkateshwar

Prof. K.L.Vyas

Prof. Pradeep Kumar

Prof. Prof.P.Manikyamba

Prof. Prof.KrantiMudiraj

Prof. Prof.DharampalPeehal

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Special Lectures - 03; Involving External Experts – 03

1. Prof. Rishabhdev Sharma, Head, Dakshin Bharat Hindi Prachara Sabha, Hyderabad, 2009
2. Prof. Balkrishna Sharma Rohitashwa, Head, Dept. of Hindi, Goa University, Goa, 2010
3. Prof.M.Venkateshwar, Former Principal & Head, Dept. of Hindi, O.U.

4. Prof.P.Manikyamba, Former Head, Dept. Of Hindi, O.U.
5. Dr.Radheshyam Shukla,
6. Dr.Rishabh Dev Sharma,
7. Dr.Sarika Kalra,
8. Dr.Malathi

45. List the teaching methods adopted by the faculty for different programmes.

On the Black board, LCD Projector Charts

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The department is conducting two Internal Assessment Tests and the students should also submit Assignments in all the five papers to their teachers in each semester.

47. Highlight the participation of students and faculty in extension activities.

Students & the faculty members participate in various extension programmes like workshops, NSS, NCC, etc.

48. Give details of "beyond syllabus scholarly activities" of the department.

Extension Lectures by the Experts& Organisation of Workshops.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details:

--

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The faculty members of the Department are working on various themes i.e., Women Studies, Dalit Studies, Environmental Studies.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Translation
2. Organization of Workshop &Seminars
3. Guiding students for the placements in various sectors
4. Inter Disciplinary Course
5. Soft Skills Promotion.

Weaknesses:

1. The Department is suffering due to inadequate permanent teaching faculty.
2. The faculty is lacking financial assistance to take up any developmental activities.

52. Future plans of the department:

To start Computer Courses & Diploma in Journalism

Department of Islamic Studies

1. Name of the Department : **ISLAMIC STUDIES**

2. Year of establishment : **1965**

3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Arts

4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   M.A. in Islamic Studies

   Ph.D. in Islamic Studies

5. Interdisciplinary courses and departments involved**:**

   Arabic and Communication & Journalism

6. Courses in collaboration with other universities, industries, foreign institutions.

   Nil

7. Details of programmes / courses discontinued, if any, with reasons **:** Nil

8. Annual/ Semester/Choice Based Credit System **:**

   Semester with Choice Based Credit System

9. Participation of the department in the courses offered by other departments

   Yes

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors):

	Sanctioned	**Filled**
Professor	1	0
Associate Professor	2	1
Asst. Professor	3	2

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Designa-tion	Specialization	No. of Years of Experi-ence	No. of Ph.D. students guided for the last 5 years
Dr. Shahid Ali Abbasi	M.A., Ph.D.	Professor	Qur'anic Studies, Hadith, Muslim Jurisprudence, Sufism, Muslim Thought in India.	31	2
Dr. Syed Abdul Hamid	M.A., M.Phil. Ph.D.	Professor	Indian Muslim, Reformist, Revivalist Movements, Sufism and History of Ideas	26	--
Aisha Mahmood Farooqui	M.A.	Associate Professor	Sufism, Gender Studies, Study of Indian Muslims and Contemporary Movements in Islam	28	--
Mr. Shahab Mohd. Altaf	M.A.	Assistant Professor	Muslim Socio-Political thought, Muslim Contribution to Indian Civilization, Urdu and English Literature.	3	--
Dr. Syed Azeemuddin	M.A., Ph.D.	Assistant Professor	Islamic Philosophy	3	--

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors

Nil

13. Percentage of classes taken by temporary faculty – programme-wise information

26

14. Programme-wise Student Teacher Ratio

M.A. – 15:1

15. Number of academic support staff (technical) and administrative staff :

    Sanctioned and filled **: Junior Assistant – 1, Office Subordinate -1**

16. Research thrust areas recognized by funding agencies **:** --

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise. **:Nil**

18. Inter-institutional collaborative projects and grants received

    a) All India collaboration b) International **: Nil**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received. **: Nil**

20. Research facility / centre with

    - state recognition **: Nil**
    - national recognition **: Nil**
    - international recognition **: Nil**

21. Special research laboratories sponsored by / created by industry or corporate bodies**: Nil**

22. Publications:

    * Number of papers published in peer reviewed journals (national / international)
      National: 26**,** International: 5
    * Monographs **:** 6
    * Chapters in Books: 4
    * Edited Books **: 13**
      (Besides being the Editor of *Islamic Culture*, An English quarterly of international repute since 1985)
    * Books with ISBN with details of publishers **: 5**
    * Number listed in International Database (For *e.g*. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) --
    * Citation Index – range / average --
    * SNIP --
    * SJR --
    * Impact Factor – range / average --
    * h-index --

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated: Nil

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad Nil

26. Faculty serving in a) National committees b) International committees c)

Editorial Boards d) any other (please specify)

- **Aisha Mahmood Farooqui,** 'Broadsheet' Anveshi Research Center for Women's Studies

27. Faculty recharging strategies

Participation in seminars, workshops, conferences and symposia at national and international level. Interactions with scholars in the field from other institutions.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects : **25**
- percentage of students doing projects in collaboration with other universities / industry / institute

29. Awards / recognitions received at the national and international level by Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

National Symposia/ Seminars organized: 04

31. Code of ethics for research followed by the departments

- Research ethics and Plagiarism issues are taught as part of research programme
- Significance of honesty in research and acknowledgment of the sources emphasized.

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A. (2008-9 to 2013-14)	120	109	11	13	4
Ph.D. (2008-9 to 2013-14)	12	9	3		

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.A.	95	-	-	5
Ph.D.	12	100	-	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. **NET : 8**

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	**20**
Ph.D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	**100**
from other universities within the State	--
from universities from other States	--
from universities outside the country	--

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

One

38. Present details of infrastructural facilities with regard to

a) Library : **Yes**
b) Internet facilities for staff and students : **Yes**
c) Total number of class rooms : **2**
d) Class rooms with ICT facility : **None**
e) Students' laboratories : ---
f) Research laboratories : ---

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university : **18**
b) from other universities

40. Number of post graduate students getting financial assistance from the university.

Eligible SC/ST and OBC students gets social welfare scholarship from state govt.

41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.

Feedback from students and their suggestion were taken into consideration before introducing new courses in M.A programmes.

Different suggestions were made in the meetings of the BoS.

42. Does the department obtain feedback from : **Yes**

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? : **Yes**

Critical points are discussed in the BOS meetings and necessary steps taken

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? : **Yes**

Positive suggestion incorporated

c. alumni and employers on the programmes offered and how does the department utilize the feedback? : **Yes**

43. List the distinguished alumni of the department (maximum 10) **:**

Prof.Anwar Moazzam (former Dy. Director ICSSR-SR)

Prof. Mohammad Suleman Siddiqi (former Vice-Chancellor, OU)

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Special lectures:

Name of the Visitor	Institution	Purpose of Visit	Date
Maulana Muhammad Khawaja Sharif, Shaikh-ul-Hadith	Jamia Nizamia, Hyderabad	"Asr-i-Hadir Main Ilm-i-Hadith Ki Khidmat Kiyun Awr Kaisey"	April, 2012
Dr. Marcia Hermansen	Loyola University, Chicago	Global Hizmet Movement	March 12, 2012
		Gender Studies and Islamic Theology	January 2011
Dr. M.D. Thomas	National Commission for Religious Harmony, New Delhi	Religion and Social Integration	November 10, 2010
Dr. Carl W. Ernst	North Carolina University, USA	Sufism, Islam, and Globalisation in the contemporary world: Methodological Reflections on a changing field of study	January 18, 2012
Mr. Nurudin	Director, Indialogue	Hizmet Movement	February 23,

Kaparov	Foundation, Hyderabad		2012
Dr. Jonathan Brown	Georgetown University Washington D.C., USA	Hadith Studies An interaction	January 25, 2012
Prof. Bonnie Zare	Wyoming University, USA	Gender Studies, Conversation on Girl Child in India	January 27, 2012
Prof. Bruce Lawrence	Professor of Islamic Studies Emeritus at Duke University, USA.	Abrahamic Faith and Inter-Religious Cooperation: Why Citizenship Matters	September 02, 2014
Maulana Khalid Saifullah Rahmani .	Secretary Islamic Fiqh Academy, India	Inter-Faith Relations-An Islamic Perspective	August, 27 2015
Prof. M. Amin Abdullah .	Former Vice-Chancellor of Islamic State University, Suna Kalijaga Yogyakarta	Social Sciences and Islamic Studies in Indonesia: Framing Moderate-Progressive Muslim in a Pluralistic Society	July 20, 2016
Dr. Imtiaz Yusuf	Director Center for Buddhist – Muslim Understanding Mahidol University, Thailand	Social Sciences and Islamic Studies in Indonesia: Framing Moderate-Progressive Muslim in a Pluralistic Society	July 28, 2016
Dr. Mohammed Mumtaz Ali	Professor International Islamic University, Malaysia	Contemporary Challenges of Knowledge and Education	August 27, 2016

45. List the teaching methods adopted by the faculty for different programmes.

Ppt Presentation, Overhead Projector, Lectures, Debates, Interactive sessions

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Feedback, Formative and summative assessments, Class presentation by students

47. Highlight the participation of students and faculty in extension activities.

Aisha Mahmood Farooqui, President Anveshi Research Center for Women's Studies, Member Governing Board Marg Foundation, **Prof. Syed Abdul Hamid**, Director, Minorities Cell, Osmania University.

Prof. Shahid Ali Abbasi, gave TV talk and motivating lectures at different educational institutions for the help of the stduents to increase their learning abilities

48. Give details of "beyond syllabus scholarly activities" of the department.

Department faculty members participate actively in various seminars,

Conferences, workshops, television programmes etc.

49. State whether the programme / department is accredited/ graded by other agencies? If yes, give details.

Nil

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Teachers engaged in guiding students in multi-disciplinary approaches and new methods of learning and research.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Good Faculty
1. Regularity in holding classes
2. Personalized teaching to address learning differences among students
3. Engaged in research and promotion of knowledge
4. Incorporation of new methods of learning

Weaknesses:

1. Paucity of funds
2. Lack of infrastructure
3. Lack of educational exchange programs
4. Lack of human resources

Opportunities:

1. Department can serve as a knowledge base center for sensitizing policy makers working in fields such as communal integration, equality and diversity, prevention of extremism and fundamentalism.

Challenges:

1. Striving towards effective teaching-learning process
2. Motivating the students towards generating interest in the subject
3. Resource generation
4. Meagre placement opportunities

52. Future plans of the department.

Making the Department a Center of Excellence on Indian Muslims. Undertaking studies on their social structure, cultural variations, traditions and customs, literacy rate, contemporary movements, their currents of thought, issues of identity and citizenship.

Department of Kannada

1. Name of the Department : Kannada
2. Year of Establishment : 1918
3. Is the Department part of a school/ Faculty of the University?

   Yes, Faculty of Arts
4. Names of programmes/courses offered (UG, PG M.Phil., Ph.D.,):

   PG., Ph.D.
5. Interdisciplinary courses and departments involved: No
6. Courses in collaboration with other universities, industries, foreign institutions etc.

   Nil
7. Details programmes /courses discontinued, if any, with reasons:

   Nil
8. Annual/ semester / choice based credit system:

   SEMISTER SYSTEM with CBCS
9. Participation of the department in the courses offered by other departments:

   --
10. No. of teaching posts sanctioned and filled

	Sanctioned	Existing
Professor	--	--
Associate professor	5	1
Assistant Professor	2	--

11. Faculty profile with name, qualification, designation and specialization

Name of the Faculty	Qualifi -cation	Desig- nation	Areas of Specialization	No. of years of experience	No. PhD students guided for the last 5 years
Dr.M.Lingappa	M.A.,M. Phil., Ph.D.	Associate Professor	Modern Kannada Literature, literary Criticism, Vachana Literature	16 years 6 Months	8

12. List of senior visiting fellows, faculty, adjunct faculty, emeritus professors: --

13. Percentage of classes taken by temporary faculty-programme-wise information.

    75%

14. Programme-wise student teacher ratio

    6:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled: Nil

16. Research thrust areas recognized by funding agencies: --

17. Number of faculty with ongoing projects from a) national b) international funding agencies c) total grants received. Give the names of the funding agencies and grants received project-wise: --

18. Inter-institutional collaborative projects and grants received. Nil

    a) All India collaboration b) International

19. Departmental projects funded by DST-FIST, UGC-SAP/CAS, DPE, DBT, ICSSR etc. total grants received. Nil

20. Research facility/Centre with Nil

    - State recognition
    - National recognition
    - International recognition

21. Special research laboratories sponsored by/ created by industry or corporate bodies. --

22. PUBLICATIONS:

    - Number of papers published in peer reviewed journals (national / international):03
    - Monographs
    - Chapters in Books: 06
    - Edited Books : ----
    - Books with details of publishers : 01

      1. D.R. NagarajaraSamskrutiChinthanegalu,TanushaDharamapurPrakashan,MehnindiPatnam Hyderabad- 2014

    - Number listed in international Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Dorectpry, EBSCO host, etc.)
    - Citation Index-range/ average --
    - SNIP --
    - SJR --

- Impact Factor-range/ average --
- h-index --

23. Details of patents and income generated. Nil

24. Areas of consultancy and income generated. Nil

25. Faculty selected nationally/internationally to visit other laboratories in India and Abroad: Nil

26. Faculty serving in

a) National committees

b) International committees

c) Editorial boards :02

d) any other (Please specify):--

27. Faculty recharging strategies: --

28. Student Projects:

- Percentage of students who have done in-house projects including inter-departmental projects: 100%
- Percentage of students doing projects in collaboration with other universities/industry/institute: --

29. Awards/recognition received at the national and international level by

- Faculty: --
- Doctoral / Post doctoral fellows: --
- Students: --

30. Seminars/conferences/workshops organized and the source of funding (national/international) with details of outstanding participation if any.

1.National Seminar on VachanaSahityadalliSamajamukhiChinthane,

Date:22-03-2014 (UGC)

2.National Seminar on Kannada Literary Criticism, Dtae:26-03-20115(UGC)

3.National Seminar on Old Kannada Literature, Date:19-03-2016(UGC)

31. Code of Ethics for research followed by the departments:

Yes

32. Student profile course-wise.

Name of the course	Academic year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
M.A.	2013-2014	12	01	02	100	100

	2014-15	10		02	---	100
	2015-16	16	---	02	--	100
PhD	2013-2014		03	01		

33. Diversity of students:

Name of the course	Academic year	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
M.A.		100	--	--	--
Ph.D.		100	--	--	--

34. How many students have cleared Civil services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

One SC Student and 1 BC Student have passed UGC NET.

35. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil	--
PG to Ph.D	50%
Ph.D to Post-Doctoral	--
Employed	
• Campus selection • Other than campus recruitment	**60%** --
Entrepreneurs	

36. Diversity of Staff

Percentage of faculty who are graduates	
of the same university	--
from other universities within the state	--
from universities of other states	01
from universities outside the country	--

37. Number of faculty who were awarded Ph.D during the assessment period

Nil

38. Present details of infrastructural facilities with regard to

a) Library : Yes

b) Internet facility for staff and students : Yes

c) Total number of class rooms : 02

d) Class room with ICT facility : --

e) Student laboratories : N/A

f) Research laboratories : N/A

39. List of doctoral students and research associates

a) From host university : --

b) From other universities : --

40. No. of post graduate students getting financial assistance from the university:

Nil

41. Was any need assessment exercise undertaken before the development of new programmes? --

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation?If Yes, how does the department utilize the feedback?

Yes

b) Students on staff, curriculum and teaching-learning evaluatoion and how does the department utilize the feedback.

Yes

c) Alumni and employers on the programmes offered and how does the department utilize the feedback.

Yes

43. List the distinguished alumni of the department (maximum 10)

44. Give details students enrichment programmes (special lectures/workshops/ seminars, involving external experts):

Seminars:

1.National Seminar on VachanaSahityadalliSamajamukhiChinthane,

Date:22-03-2014 (UGC)

2.National Seminar on Kannada Literary Criticism, Dtae:26-03-20115(UGC)

3.National Seminar on Old Kannada Literature, Date:19-03-2016(UGC)

45. List the teaching methods adopted by the faculty for different programmes.

Classroom teaching, Students seminars, writing of assignments, discussions etc.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Almanac

47. Highlight the participation of students and faculty in extension activities.

Seminars, Conferences, Presenting Papers

48. Give details of "beyond syllabus scholarly activities" of the Department.

Conducting seminars and Guest Lectures, training the students for UGC-NET & SLET Examinations and other competitive exams

49. State whether the programme/ Department is accredited/ graded by other agencies? If yes, give details.

No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Applied knowledge: In Language and Literature, Research

51. Detail any five strengths weaknesses opportunities and challenges (SWOC) of the department:

- Contributions of the department towards Kannada Language and Literature
- .Only one and oldest Department in the Telangana State
- Comparative Studies
- Telugu to Kannada translation work done by the Department faculty.

52. Future plans of the Department: Distance mood M.A. Course will introduce.

Introduction of M.A. through distance mode

Department of Linguistics

1. Name of the Department : Linguistics

2. Year of establishment : 1962

3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Arts

4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., P.G.Diploma in Applied Linguistics,,etc.).

   M.A.in Linguistics; Ph.D. in Linguistics

5. Interdisciplinary courses and departments involved:

   Yes, 'Language structure and variation' developed for non-linguistics students and offered to MA students of the Dept. of Journalism and English.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   Nil

7. Details of programmes / courses discontinued, if any, with reasons : Nil

8. Annual/ Semester/Choice Based Credit System:

   Semester with CBCS

9. Participation of the department in the courses offered by other departments.

   Yes, MA students have been taking courses offered by Departments of Journalism, Persian, Arabic and English in O.U.

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors):

	Sanctioned	Filled
Professor	4	02
Associate Professor	5	1(CAS)
Asst. Professor	8	3

11. Faculty profile with name, qualification, designation and specialization (D.Sc./ D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 6 years
Prof. D. Vasanta	M.A., Ph.D.	Professor	Clinical Linguistics, Psycho and Neuro linguistics	37	Two
Prof. K. Ramesh Kumar	M.A., Ph.D.	Professor	Sociolinguistics, Dialectology, &Telugu Linguistics, Computational Linguistics, Translation,	25	
Mr. Mohammad Ansari	M.A.	Assistant Professor	Phonetics, Indo-Aryan languages	19	
Dr. C.S. Swathi	M.Sc., M.A., Ph.D.	Assistant Professor	Clinical linguistics Psycho and Neuro Linguistics	3	
Mr. K Susheel Kumar	M.A., M.Phil.	Assistant Professor	Sociolinguistics	3	
Mr. K. Balu Naik	M.A.	Assistant Professor	Sociolinguistics	3	

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

2016- Prof.Rajnath Bhutt, Prof.Avadesh Sharma & Dr.Neeladri Sekhar

13. Percentage of classes taken by temporary faculty – program me-wise information.
50%

14. Programme-wise Student Teacher Ratio :

17 : 1

15. Number of academic support staff (technical) and administrative staff:

Post	Sanctioned	Filled
Stenographer	**1**	**VAC**
Clerk-1	**1**	**VAC**
Technical Assistant	**1**	**VAC**
Assistant Librarian	**1**	**VAC**

Post	Sanctioned	Filled
Stenographer	**1**	**VAC**
Lab Attendant	**1**	**VAC**
Office Subordinate	**2**	**VAC**

16. Research thrust areas recognized by funding agencies :

The department has been awarded CAS-Phase IV status for the period 2015-2020 and asked to continue to work on the following thrust areas:

- ⊡ Psycholinguistics: Theoretical and Applied including Neuro and clinical linguistics
- ⊡ Sociolinguistics: Including convergence with special reference to tribal languages
- ⊡ Applied Linguistics: Including lexicography, translation studies and eductional linguistics

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

Nil

18. Inter-institutional collaborative projects and grants received

a) All India collaboration b) International :

Prof. D. Vasanta worked on a top-down research project funded by the Department of Science and Technology on Brain organization and Multilingualism in India during **2009-2012** in collaboration with Department of Neurology, Nizam's Institute for Medical Sciences, Hyderabad and Centre for Cognitive and Neural Sciences, University of Hyderabad. An amount of Rs. 13.5 lakhs were sanctioned to Osmania University to enable Prof. Vasanta to carry out this project. The grant includes salary of one Junior Research Fellow.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR,

Nil

20. Research facility / centre with : Nil

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil

22. Publications:

∗ Number of papers published in peer reviewed journals (national /

international)**25**

2014 Freedman, M. Alladi, S., chertkow, H., Bialystok, E., Craik, F.I.M., Phillips, N.A., **Duggirala, V**., Bapi Raju, S., and Bak, T. H. (2014). Delaying onset of dementia: Are two languages enough? Behavioral Neurology ID. 808137. Impact factor of the journal Behavioral Neurology 2014: **1.642**

* Chapters in Books: 01
* Edited Books: 01
* Books with ISBN with details of publishers: 02

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated : Nil

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad :Nil

26. Faculty serving in --

a) National committees b) International committees c) Editorial Boards d) any other (please specify):

Nil.

27. Faculty recharging strategies

The faculty participated in Orientation and Refresher Courses, Workshops and Field Work.

November 27, 2011: D. Vasanta presented an invited paper (co-author: Lalita Murthy) on 'Lexical processing in Telugu: The role of segmental, prosodic and contextual clues' at the International seminar on Prosodic Interfaces held at Jawaharlal Nehru University, New Delhi.

December 15-17, 2011: Vasanta presented a paper titled, 'Phonological and orthographic factors in learning to read Telugu words' at the International conference on Language, Literacy and Cognition held in Bangalore.

January 20-22, 2012: Vasanta coordinated a panel discussion on Reading and Writing in Indian languages at the 44th Conference of the Indian speech and hearing association held at the University of Hyderabad. She also presented a paper, 'Learning to read and write in a multilingual context'.

June 18-2-, 2012: Presented a paper (co-author: Y. Viswanatha Naidu) titled, 'Verbs of cutting and breaking in Telugu: A cognitive linguistic perspective' at the All India Conference of Dravidian Linguists held at the University of Hyderabad.

December 6-7, 2012: D. Vasanta presented a paper that she co-authored with Y. Viswanatha Naidu titled, 'Cutting and breaking events in Telugu' at the International conference in cognitive linguistics held at Penang, Malaysia.

March 3, 2014:D. Vasanta attended the first National conference of cognitive Science organized by the National Brain Research Centre, held at the India

International Center, New Delhi where a paper she co-authored with Jordan Zlatev and Y. Viswanatha Naidu was presented.

March 7-8, 2014:D. Vasanta was invited to make two presentations at a research workshop held at the department of linguistics, Lund University, Sweden. On 7-3-14 she gave a talk on 'Multilingualism in India'; on 8-3-14 she presented a paper on motion verbs in Telugu to a group of researchers who got together to finalize a research proposal on 'Theory of Actual and Non-actual Motion in Language' based on eight different languages including Telugu.

- Dr. K. Ramesh Kumar participated in:

  National Seminar on The History of Linguistic Studies in Telugu, Department of Dravidian & Computational Linguistics, Dravidian University, Kuppam.

  National Workshop on The Malayalam-Telugu Dictionary, Southern Regional Language Centre, CIIL, Mysore, March 15-23, 2011.

- Induction Programme attended by the faculty 1) Dr. C.S.Swathi, 2) Mr. K.Susheel Kumar 3)Mr. K. Balu Naik on 20-21 June 2014.

  Department of Dravidian & Computational Linguistics, Dravidian University, Kuppam.

  National Workshop on The Malayalam-Telugu Dictionary, Southern Regional Language Centre, CIIL, Mysore, March 15-23, 2011.

- Induction Programme attended by the faculty 1) Dr. C.S.Swathi, 2) Mr. K.Susheel Kumar 3)Mr. K. Balu Naik on 20-21 June 2014.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects

  100

- percentage of students doing projects in collaboration with other universities / industry / institute

29. Awards / recognitions received at the national and international level by

- Faculty

  Prof. D. Vasanta was one of the members of a group of faculty members in India identified by the UGC to develop an on-line course in Psycho-neurolinguistics for the e-PG Pathashala scheme of the UGC-INFLIBNET. She has completed 30 modules and submitted the content along with audio-video recordings in 2014.

- Doctoral / post doctoral fellows --

- Students --

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- International student Seminar was conducted from 12th to 13th May 2014.
- International Student Seminar was conducted from 10 to 12th Dec,2016

31. Code of ethics for research followed by the departments

Research Scholars are made aware of the problems of plagiarism. Continuous monitoring and evaluation of DRS and Supervisors ensure that scholars follow ethical practices in research.

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A. in Linguistics					

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.A.	40	10	Nil	50

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET – Nil

SET - Nil

35. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	10
Ph.D. to Post-Doctoral	--
Employed • Campus selection • Other than campus recruitment	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	80
from other universities within the State	20
from universities from other States	--
from universities outside the country	--

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

One (Prof. K. Ramesh Kumar)

38. Present details of infrastructural facilities with regard to

a) Library : Yes
b) Internet facilities for staff and students : available
c) Total number of class rooms : Two
d) Class rooms with ICT facility : Yes
e) Students' laboratories : Computer Lab

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university 20
b) from other universities

40. Number of post graduate students getting financial assistance from the university.

Thirty students are availing Social Welfare scholarships from Government.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

No new programmes have been introduced.

42. Does the department obtain feedback from

a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes

b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes

c) alumni and employers on the programmes offered and how does the department utilize the feedback? Yes

The Department obtains feedback on teaching –learning – evaluation from the students through a questionnaire. The feedback is discussed in the departmental meetings to evolve strategies to address the concerns and issues raised by students as well as teachers.

43. List the distinguished alumni of the department (maximum 10)

1. Prof. A. Ashirvadam, Registrar, PSTU, Hyderabad.
2. Prof. S.Rajendran, IIIT Madras.
3. Prof. G.Umamaheswara Rao, Director, CALTS, UoH, Hyderbad.
4. Prof. P.L. Visweaswara Rao
5. Dr. K.Thomasiah, Director Distance education, PSTU
6. Dr. Geetha Mukundan, Dy, Director AYJ National Inst. for the Hearing handicapped, Mumbai.
7. Prof. Usha Devi, Ex-Dean School of Language Development, PSTU, Hyderabad
8. Prof. Joga Sing, Punjabi University.
9. Prof. H. Lakshmi, Faculty Member EFLU.
10. Prof. Srikumar, Kerala University

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Participated in seminars and conferences

45. List the teaching methods adopted by the faculty for different programmes.

AV Method

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Through regular departmental meetings, evaluation of students' learning through seminar presentations, internal assessment.

47. Highlight the participation of students and faculty in extension activities.

Participated in clean and green programmes

48. Give details of "beyond syllabus scholarly activities" of the department.

- **Sept. 7, 2012:** Gave an invited talk, 'Assessment procedures in articulation and phonological disorders: Insights from Linguistics' at a seminar organized by Dr. S.R. Chandrashekar Institute of Speech and Hearing, Bangalore.
- **Sept. 14, 2012:** Gave a talk on 'Children's literature' at an orientation programme organized by the Academic Staff College, O.U.
- **August 17, 2013:** D. Vasanta gave a talk 'Auditory aging' at the 57th meeting of the FAPCC, Hyderabad.
- **Sept. 17, 2013**: D. Vasanta gave a lecture, 'Language Development' at the Centre for English Language Studies, University of Hyderabad on their Foundation Day.

- **Feb. 2-4, 2013**: D. Vasanta participated in the Indo-US workshop on cognitive reserve in aphasia held at NIMS, Hyderabad by presenting a paper, 'Is multilingualism translanguaging?'
- **May 5, 2014:** D. Vasanta gave two separate lectures to teacher trainers from Madhya Pradesh as part of the workshop on 'Cognitive Science in Teaching' organized by the Centre for Neural and Cognitive Sciences, University of Hyderabad.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Prof. D. Vasanta: Participated in interdisciplinary research projects

Prof. K. Ramesh Kumar: Preparation of Primers for Tribal Children Mother Tongue Education

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Attracting students globally
2. India's one of the oldest Linguistics Departments.
3. Only department to offer many applied linguistics courses such as Clinical Linguistics, Psycholinguistics, Neurolinguistics, Translation, and Computational Linguistics.
4. Good Seminar Library to which many of the senior faculty donated their books.
5. Resources generated through publications & research projects.

Weaknesses:

- Inadequate Teaching faculty
- Technical staff
- Inadequate Lab facilities

Challenges:

6. Imitation by other colleges of our distinctive features and programs dilutes our uniqueness and competitive advantage
7. Loss of full time faculty, and no new recruitment
8. Overcoming fear of risk-taking and innovation
9. Strengthen student retention by providing curriculum and learning experiences that enhance opportunities for relevant careers, further education, and lifelong learning

10. Strengthen student retention by providing resources and services that foster academic success, support diverse needs, and enhance opportunities for growth.

Opportunities:

6. Expanded international studies and global issues curriculum, experience, and programs
7. The growing service and information technology- based economy will create new jobs for which we can prepare students or retrain those who have lost jobs in the declining sectors
8. The expected redistribution of the population within our catchment area over the next 10 years, opportunities exist within the new environment for us by staying attuned
9. Adapting the curriculum and delivery methods to include more off-campus opportunities, being creative in course scheduling, online courses, and providing additional support for satellite spaces are a few of the ways we can meet the needs of our diverse and ever changing student body
10. Technology can also be used to enhance our relationship with constituents, ranging from prospects, community partners, internship sites, students, and alumni

52. Future plans of the department.

Proposing to conduct special lectures, seminars and bring out a Special Volume of OPIL.

Department of Marathi

1. Name of the Department : Marathi
2. Year of Establishment : 1918
3. Is the Department part of a school/ Faculty of the University:

   Yes, Faculty of Arts
4. Names of programmes/courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.).

   M.A. – Marathi; Ph.D. - Marathi
5. Interdisciplinary courses and departments involved: Nil
6. Courses in collaboration with other universities, industries, foreign institutions etc.

   Nil
7. Details programmes /courses discontinued, if any, with reasons: Nil
8. Annual/ semester / choice based credit system:

   Semester system with CBCS
9. Participation of the department in the courses offered by other departments: Nil

10. No. of teaching posts sanctioned and filled

	Sanctioned	Existing
Professor	1	1
Associate professor	2	--
Assistant Professor	3	1

11. Faculty profile with name, qualification, designation and specialization

Sl No	Name of the Faculty	Qualifi-cation	Desig-nation	Areas of Specialization	No. of years of experienc e	No. PhD students guided for the last 5 years
1	Namrata Bagde	M.A. B.Ed.	Assistant Professor	Modern Marathi, Lit.	9	--
2.	Arun Kulkarni	M.A., M.Phil.	Assistant Professor	Modern Marathi, Lit.	1	--

12. List of senior visiting fellows, faculty, adjunct faculty, emeritus professors

    Prof. Geeta S. Kate

    Prof. Shobha Desmukh

13. Percentage of classes taken by temporary faculty-programme-wise information.

    50

14. Programme-wise student teacher ratio: M.A. – 2:3

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled: Nil

16. Research thrust areas recognized by funding agencies: Nil

17. Number of faculty with ongoing projects from a) national b) international funding agencies c) total grants received. Give the names of the funding agencies and grants received project-wise. Nil

18. Inter-institutional collaborative projects and grants received. Nil

    a) All India collaboration b) International

19. Departmental projects funded by DST-FIST, UGC-SAP/CAS, DPE, DBT, ICSSR etc. total grants received.

    Nil

20. Research facility/Centre with State recognition, National recognition, International recognition Nil

21. Special research laboratories sponsored by/ created by industry or corporate bodies

    Nil

22. Publications:

Number of papers published in peer reviewed journals (national / international)	**2**

23. Details of patents and income generated. Nil

24. Areas of consultancy and income generated Nil

25. Faculty selected nationally/internationally to visit other laboratories in India and Abroad Nil

26. Faculty serving in: a) National committees b) International committees c)Editorial Boards d) any other (please specify):

    Editorial Boards : Swadhya Research Journal, Dept .of. Marathi

27. Faculty recharging strategies:

    Updation of syllabi, attending conferences

28. Student Projects:

- Percentage of students who have done in-house projects including inter-departmental projects:100%

  --

- Percentage of students doing projects in collaboration with other universities/industry/institute:

  --

29. Awards/recognition received at the national and international level by

- Faculty Nil
- Doctoral/Post doctoral fellows Nil
- Students Nil

30. Seminars/conferences/workshops organized and the source of funding (national/ international) with details of outstanding participation if any Nil

31. Code of Ethics for research followed by the departments: --

32. Student profile course-wise.

Name of the course	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MA	4	-	4	-	75
PhD	6	1	5	-	-

33. Diversity of students:

Name of the course	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
M.A.	100	--	--	--
Ph.D.	100	--	--	--

34. How many students have cleared Civil services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Nil

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil	-
PG to Ph.D	50
Ph.D to Post-Doctoral	-
Employed	
• Campus selection • Other than campus recruitment	
Entrepreneurs	

36. Diversity of Staff

Percentage of faculty who are graduates	
of the same university	50
from other universities within the state	50
from universities of other states	--
from universities outside the country	--

37. Number of faculty who were awarded Ph.D during the assessment period

Nil

38. Present details of infrastructural facilities with regard to

a) Department Library Yes
b) Internet facility for staff and students Yes
c) Total number of class rooms 2
d) Class room with ICT facility No
e) Student laboratories Nil
f) Research laboratories Nil

39. List of doctoral students and research associates

a) From host university : 6
b) From other universities

40. No. of post graduate students getting financial assistance from the university

Nil

41. Was any need assessment exercise undertaken before the development of new programmes? If so, highlight the methodology. --

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation?

Yes, by making necessary changes in the curriculum.

b) Students on staff, curriculum and teaching-learning evaluation and how does the department utilize the feedback.

Yes, receiving feedback from students and improving accordingly.

c) Alumni and employers on the programmes offered and how does the department utilize the feedback.

Involving Alumni in the workshops and Seminars and receiving their feedback.

43. List the distinguished alumni of the department (maximum 10)

1. Prof. S.R. Kulkarni
2. Prof. Manik Dhanpulwar
3. Prof. Vimalabai Thatte
4. Prof. Usha Joshi
5. Prof. K. Kavita
6. Prof. Geeta S. Kate
7. Prof. Shobha Deshmukha
8. Dr. Keshav Kulkarni
9. Namarata Bagde

44. Give details students enrichment programmes (special lectures/workshops/ seminars, involving external experts)

Special Lectures by Prof. Shobha Deshmukha & Dr. Keshav Kulkarni

45. List the teaching methods adopted by the faculty for different programmes.

Blackboard Method, Power Point Presentation, Discussions & Deliberations Method

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Department ensuring constantly that the programme objectives are met as per the expectation.

47. Highlight the participation of students and faculty in extension activities.

Student participation in College level activities

48. Give details of "beyond syllabus scholarly activities" of the Department.

Involving the students in constant reading and writing beyond the syllabus and insisting them to write articles on their studies.

49. State whether the programme/ Department is accredited / graded by other agencies.

    No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

    --

51. Detail any five strengths weaknesses opportunities and challenges (SWOC) of the department:

    1. Well qualified and experienced teaching faculty
    2. Faculty with sound background of quantitative techniques

52. Future plans of the Department:

    The Department is planning for the expansion of research and academic activities.

DEPARTMENT OF PERSIAN

1. Name of the Department: Department of Persian
2. Year of establishment : **1918**
3. Is the Department part of a School/Faculty of the university? Faculty of Arts
4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   M.A. &Ph.D in Persian
5. Interdisciplinary courses and departments involved :Yes
6. Courses in collaboration with other universities, industries, foreign institutions, etc.Nil
7. Details of programmes / courses discontinued, if any, with reasons

   M.Phil, Since 2008-09 by University Grants Commission Guidelines
8. Annual/ Semester/Choice Based Credit System :

   Semester, Choice Based Credit System
9. Participation of the department in the courses offered by other departments: Nil
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor	2	-
Associate Professors	2	-
Asst. Professors	3	1

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Prof. Syed Mohammed Tanveeruddin (Retd in 2013)	M.A, Ph.D	Professor	Grammar	30 years	One
Dr. Md Ashfaque Chand	M.A , Ph.D	Assistant Professor	Indo- Persian Literature	6	Nil

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

    Dr. Sayeed Rozbahani from University of Iran visited Department of Persian to teach Modern Persian& Spoken Persian in 2012.

13. Percentage of classes taken by temporary faculty – programme-wise information:73%

14. Programme-wise Student Teacher Ratio:PG: 1:2

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

    Technical : Nil

    Administrative staff : Nil

16. Research thrust areas recognized by funding agencies: Nil

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise. :Nil

18. Inter-institutional collaborative projects and grants received

    a) All India collaboration b) International Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received. :Nil

20. Research facility / centre with

    - state recognition -- Yes
    - national recognition -- ---
    - international recognition -- ---

21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil

22. Publications:

    * Number of papers published in peer reviewed journals (national / international)
    * Monographs
    * Chapters in Books
    * Edited Books
    * Books with ISBN with details of publishers

Prof. Dr. Syed Mohammed Tanveeruddin " Ujalon ki Taraf " Koh-e- Noor Graphics , Madanna pet , Hyderabad . 500059

- Number listed in International Database (For *e.g*. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Citation Index – range / average
- SNIP
- SJR
- Impact Factor – range / average
- h-index

23. Details of patents and income generated : Nil
24. Areas of consultancy and income generated: Nil
25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad :
    - Dr. Md Ashfaque Chand was invited as an external examiner to conduct a viva-voce examination of M.Phil student at the centre of Persian and Central Asian Studies , Jawaharlal Nehru University , New Delhi. In March 2016
26. Faculty serving in

    a) National committees b) International committees c) Editorial Boards d) any other (please specify**)**
    - Dr Md. Ashfaque Chand, Ph.D panel of Persian and Central Asian Studies , Jawaharlal Nehru University, New Delhi
27. Faculty recharging strategies : UGC Short term course on language
28. Student projects
    - percentage of students who have done in-house projects including inter-departmental projects : 100%**l**
    - percentage of students doing projects in collaboration with other universities / industry / institute
        - PG students have to submit Projectsas part of MA programme from academic year 2011-12 to the present.
29. Awards / recognitions received at the national and international level by: **Nil**
    - Faculty
    - Doctoral / post doctoral fellows
    - Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Seminar: Natioanl – 01

Name of the Seminar	Date	Source of Funding
One day national seminar on " Present Status of Persian in Deccan"	March 2011	Dept. Of Persian

Workshop; -01

Name of the workshop	Date	Source of Funding
Three days good hand writing workshop	2012	Dept. Of Persian

31. Code of ethics for research followed by the departments :UGC guidelines

- Research Scholars are made aware of the problems of plagiarism. The continuous monitoring and evaluation of DRC and Supervisors ensure that scholars follow ethical practices in research as per UGC guidelines.

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
P.G	--	3	3	100	100
Ph.D	--	5	1		

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
P.G	75	Nil	25	Nil
Ph.D	100	Nil	Nil	Nil

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sl.No.	Name of the Ph.D Student	Category	Remarks
1.	Shamsuddin Khan	OC	NET

35. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	25%
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	Nil
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	50%
from other universities within the State	
from universities from other States	50%
from universities outside the country	--

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period :Nil

38. Present details of infrastructural facilities with regard to

a) Library **:** 1869 books and Magazines

b) Internet facilities for staff and students: Yes

c) Total number of class rooms : Nil

d) Class rooms with ICT facility : --

e) Students' laboratories : --

f) Research laboratories : --

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university : --

b) from other universities :--

40. Number of post graduate students getting financial assistance from the university:Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**Nil**

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does

the department utilize the feedback?

To strengthen the teaching, Innovations of the department

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? --

c. alumni and employers on the programmes offered and how does the department utilize the feedback? --

43. List the distinguished alumni of the department (maximum 10)

1. Professor Aziz Bano : Head Department of Persian in Maulana Azad National Urdu University)
2. Dr. Ismat Jahan (Assistant Professor in Maulana Azad National Urdu University)

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:

- Prof. Ali Mohammed Moazzani , Head Department of Persian Tehran University ,Tehran ,Islamic Republic of Iran had Academic Interaction with the teacher and students of Dept. of Persian ,Osmania University ,Hyderabad on 22nd September 2014

45. List the teaching methods adopted by the faculty for different programmers :Through LCD projector

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? :

- Through regular departmental meetings, evaluation of students' learning through seminar presentations, internal assessments.

47. Highlight the participation of students and faculty in extension activities.

- Prof. S.M. Tanveeruddin, attended three day Persian Teachers International Conference , Iran
- Dr. Md. Ashfaque Chand attended UGC Short-Term Course on Language from 14-03-2016 to 20-03-2016

48. Give details of "beyond syllabus scholarly activities" of the department.

- The Department organized three days Good hand writing programme at Women College, Koti
- Guest Lecture by Prof. S.M Tanveeruddin:- Asma-ul- Husna – Mecca Masjid, Hyderabad

- Guest Lecture by Prof. S.M Tanveeruddin:- Sufi learning – regular lectures on Rumi – Mathnavi—Every I,II,II Sunday at Khankahe Yousufin , Nampally , Hyderabad, Every Second Saturday at Shaikh Raoza , Gulbarga , Karnatka , Every iv Sunday at Nanded , Maharashtra.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. : No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. :

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- Well qualified and experienced teaching faculty
- Faculty with background of quantitative techniques

52. Future plans of the department:

- The Department of Persian is planning for expansion of research and academic activities of the Department of Persian

Department of Philosophy

1. Name of the Department : Philosophy
2. Year of establishment : 1919
3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Arts
4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.).

   M.A.in Philosophy, Ph.D. in Philosophy
5. Interdisciplinary courses and departments involved: Nil.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   Nil
7. Details of programmes / courses discontinued, if any, with reasons Nil
8. Annual/ Semester/Choice Based Credit System :

   Semester with Choice Based Credit System (CBCS)
9. Participation of the department in the courses offered by other departments. Yes
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors):

	Sanctioned	Filled
Professor	4	5
Associate Professor	3	1
Asst. Professor	1	1

11. Faculty profile with name, qualification, designation and specialization (D.Sc./ D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Prof. T. Krishna Rao	M.A., M.Phil., Ph.D.	Professor	Indian Philosophy	24	0
Prof. A.	M.A., M.Phil.,	Professor	Indian	32	1

Jagannatham	Ph.D.		Philosophy		
Prof. D. Himalayanath	M.A., M.Phil., Ph.D.	Professor	Indian Philosophy	32	--
Prof. V. Padmavathi	M.A., M.Phil., Ph.D.	Professor	Futurology & Indian Philosophy	32	2
Prof. Mallesh Sankasala (FS)	M.A., M.Phil., Ph.D	Professor	Western & Moral Philosophy	24	--
Mr. P. Nageswar Rao	M.A., M.Phil.	Associate Professor	Philosophy of Religion & Logic and Scientific Method	17	--
Dr. Ch. Vamseedhar	M.A., M.Phil., Ph.D	Assistant Professor	Indian Philosophy	02	--

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

    Prof. Leonardo Harries, Professor, Purdue University, USA

13. Percentage of classes taken by temporary faculty – program me-wise information.

    Nil

14. Programme-wise Student Teacher Ratio : 12: 1

15. Number of academic support staff (technical) and administrative staff:

    Sanctioned: 2, filled: Nil

16. Research thrust areas recognized by funding agencies : Nil

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

    Nil

18. Inter-institutional collaborative projects and grants received

    d) All India collaboration b) International : Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received. : Nil

20. Research facility / centre with : Nil

    - state recognition
    - national recognition
    - international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil

22. Publications:

* Number of papers published in peer reviewed journals (national / international) : Nil
* Monographs
* Chapters in Books : 01
* Edited Books : 03

  Prof T.Krishna Rao :01

  Prof V.Padmavathi :02
* Books with ISBN with details of publishers : Nil

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated : Nil

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad : Nil

26. Faculty serving in Nil

a) National committees b) International committees c) Editorial Boards d) any other (please specify) :

27. Faculty recharging strategies

Reading

Participation in debates, seminars, symposia etc.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects 100%
- percentage of students doing projects in collaboration with other universities / industry / institute

29. Awards / recognitions received at the national and international level by
- Faculty Nil
- Doctoral / post doctoral fellows Nil
- Students Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. Nil

31. Code of ethics for research followed by the departments
- Untapped issues are advised
- Applied aspects of research methodology are discussed
- Honesty in research expiring fresh data, acknowledging the sources.

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A.		32	18	97	98
Ph.D.		29	10	10	06

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.A.	98	2	--	--
M.Phil	80	19	1	--
Ph.D.	85	14	1	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. --

35. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	25
Ph.D. to Post-Doctoral	--
Employed • Campus selection • Other than campus recruitment	 10 45
Entrepreneurs	05

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	100
from other universities within the State	--
from universities from other States	--
from universities outside the country	--

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Nil

38. Present details of infrastructural facilities with regard to

a)	Library	:	Yes
b)	Internet facilities for staff and students	:	available
c)	Total number of class rooms	:	Two
d)	Class rooms with ICT facility	:	Nil
e)	Students' laboratories	:	Nil
f)	Research laboratories	:	Nil

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university

At present, 25 research scholars are enrolled in the doctoral programme.

b) from other universities

Nil

40. Number of post graduate students getting financial assistance from the university.

Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

--

42. Does the department obtain feedback from

a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes

b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes

c) alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes

43. List the distinguished alumni of the department (maximum 10)

Prof. B.D. Lahoti

Prof. Mallesh Sankasala

Prof. T. Krishna Rao

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Nil

45. List the teaching methods adopted by the faculty for different programmes.

Lectures and Debates

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Feedback, Internal Assessments, Discussion and Debates

47. Highlight the participation of students and faculty in extension activities.

Community service and plantation programme in rural and urban areas.

48. Give details of "beyond syllabus scholarly activities" of the department.

- Public lectures
- Extension lectures, workshops & Symposiums
- Motivation lectures given at different educational institutions for help of the students increase their learning abilities and soft communication skills

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Regularly in holding classes
2. Good Faculty
3. Seriousness in the research work
4. Engaged in increasing knowledge
5. Writing articles and research papers

52. Future plans of the department.

Planning to start Certificate/Diploma course in Logic, Ethical & Moral Values.

Self-financing Diplomas: Critical Thinking, Self Development, Media and Ethics, Futures Studies, Philosophical discourses of self and personality development and Fundamental Logic.

Department of Sanskrit

1. Name of the Department : Sanskrit
2. Year of establishment : 1919
3. Is the Department part of a School/Faculty of the university?
   Yes, Faculty of Arts
4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D.,):
   M.A in Sanskrit, Ph.D in Sanskrit
5. Interdisciplinary courses and departments involved Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
   Nil
7. Details of programmes / courses discontinued, if any, with reasons Nil
8. Annual/ Semester/Choice Based Credit System:
   Semester with Choice Based Credit System
9. Participation of the department in the courses offered by other departments
   Nil
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor	4	4
Associate Professors	2	--
Asst. Professors	4	1

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Designa-tion	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Prof. M. Vijaya Sree	M.A., MPhil., Ph.D	Professor	Reheteroice & Literature	21	3
Prof. T. Keshavanaraya	M.A., Ph.D.	Professor	Vedicliterature	30	5

na					
Prof. K. Neekalkantham	M.A. MPhil., Ph.D	Professor	Vyakarna	29	5
Prof. A. Ramulu	M.A. MPhil., Ph.D	Professor	Elements of Darshanas	26	6
Dr. Vidyananda Arya	M.A. MPhil., Ph.D	Assistant Professor	Vyakarna	12	-

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

Prof. C. Upender Rao, Chairman, CSSC, JNU, Delhi

Prof. Padmanabham, Dept. of Sanskrit, S.V. University, Tirupati

13. Percentage of classes taken by temporary faculty – programme-wise information

Nil

14. Programme-wise Student Teacher Ratio

M.A. (Prev) - 40:1
M.A. (Final) - 40:1
Ph.D. - 8:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled: **Nil**

16. Research thrust areas recognized by funding agencies **Nil**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

Acquiring ……. Bellamkonda Ramarayakavi – UGC Rs. 7.86 Lakhs

18. Inter-institutional collaborative projects and grants received - **Nil**

a) All India collaboration b) International

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received. Nil

20. Research facility / centre with state recognition, national recognition, international recognition **Nil**

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

* Number of papers published in peer reviewed journals (national / international): **National – 98 / International - 72**
* Monographs : **10**
* Chapters in Books : 10**0**

* Edited Books : 8

  Faculty, Dept. of Sanskrit Revised Text books UG & PG, PGRRCDE, O.U

* Books with ISBN with details of publishers **:** **1 Sarasvata-sushama**

* Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)**:** **Nil**

* Citation Index – range / average : Average --

* SNIP --

* SJR --

* Impact Factor – range / average : Average --

* h-index --

23. Details of patents and income generated **: Nil**

24. Areas of consultancy and income generated **: Nil**

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad : **Nil**

26. Faculty serving in:

    a) National committees b) International committees c) Editorial Boards d) any other (please specify)

    Editorial Board member of Sanskrit Research Journal of OU

    Editor ,Journal of of Sanskrit studies

    Editor ,Journal of of Sanskrit Academy

27. Faculty recharging strategies. --

28. Student projects

    - percentage of students who have done in-house projects including inter-departmental projects :100%
    - percentage of students doing projects in collaboration with other universities / industry / institute :

29. Awards / recognitions received at the national and international level by

    - Faculty:

      Prof. A. Ramulu – Vidya Marthanda

      Certificate on form Dept of Sanskrit ,University of Goa

      Certificate of Appreciation , Dept of Higher Education ,Government of Andhra pradesh
    - Doctoral / post-doctoral fellows : **Nil**
    - Students : **Nil**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. : **Nil**

31. Code of ethics for research followed by the departments --

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
P.G	300	37	08	92	98
Ph.D.	150	19	07	--	--

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
P.G.	91	9	Nil	Nil
Ph.D.	80	20	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Name	Category	NET/SLET
U. Krishnaiah	BC-D	SLET
Y. Narendra Kumar	BC-D	NET
Siva Senani	OC	NET
Kishan	ST	NET
K. Anjaneyulu	BC-B	NET
E. ArkananadanaDevi	BC-D	NET
Sateesh	OC	NET
Raghu Ram	OC	NET
T. Hari Babu	BC-D	NET
V.V.R. Avinash Kumar	OC	NET
Venkata Chary	BC-D	NET
Sumadha	BC-A	NET
Guptha	OC	NET

35. Student progression

Student progression	Percentage against enrolled
UG to PG	**60**
PG to M.Phil.	**10**
PG to Ph.D.	**6**
Ph.D. to Post-Doctoral	1
Employed • Campus selection • Other than campus recruitment	 4 85
Entrepreneurs	2

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	100
from other universities within the State	Nil
from universities from other States	Nil
from universities outside the country	Nil

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period Nil

38. Present details of infrastructural facilities with regard to

a) Library : **Yes**
b) Internet facilities for staff and students : **Yes**
c) Total number of class rooms : **2**
d) Class rooms with ICT facility : **Nil**
e) Students' laboratories : **Nil**
f) Research laboratories : **Nil**

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university : **Nil**
b) from other universities : **Nil**

40. Number of post graduate students getting financial assistance from the university :

Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Nil

42. Does the department obtain feedback from

a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes

b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, Receiving the feedback from student and improving according.

c) alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes,Involving Alumni in the workshops and Seminars and receiving their feedback

43. List the distinguished alumni of the department (maximum 10)

1. Prof. P.G. Lalye – Director ORI Poona . Former Head Dept. of Sanskrit
2. Prof. P. Sreeramachandrudu - Padma sree Awardee, Former Head Dept of Sanskrit O.U
3. Prof. Narsimhacharyulu - Former Professor Dept. of Sanskrit O.U.
4. Mamatha Reddy – IPS
5. Dr. Aravinda Rao , IPS Ex. D.G.P Andhra Pradesh
6. Prof. Upender Rao – Professor in Dept of Sanskrit, JNU, Delhi
7. Dr. RVSS. Avadhanulu - Ex. Dy. Director, NIMS Hospital
8. Dr. P. Madhabusudan, - Assoc. Professor, Kalidasa University Ramtek Maharashtra
9. Chalamacharla Seshacharyulu – Renowned scholar

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Arranging special lectures by external experts, organizing workshops on Research Methodology, organizing seminar by students and allowing them to present Research papers.

45. List the teaching methods adopted by the faculty for different programmes.

A) Blackboard Method
B) PowerPoint Presentation
C) Discussions & Deliberations Method

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Department ensuring constantly that the program objectives are met as per the expectation.

47. Highlight the participation of students and faculty in extension activities. --

48. Give details of "beyond syllabus scholarly activities" of the department.

Involving the students in constant reading and writing beyond the syllabus and insisting them to write Articles on their studies.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. --

51. Future plans of the department. --

52. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

Highly qualified and talented teachers

Teachers have administrative experience

Teachers are very social

Teachers are members of Board of Studies in other universities

Examiners in NET and SLET

Weaknesses:

Properly not applying for UGC projects etc.

Not expiring to national level

Quite moderate

Not writing in Hindi medium

Paucity of funds

Department of Tamil

1. Name of the Department : Tamil
2. Year of establishment : 1887 at Nizam College
3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Arts
4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   U.G .S.L, PG, M.Phil., Ph.D.,
5. Interdisciplinary courses and departments involved: NIL
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
   NIL
7. Details of programmes / courses discontinued, if any, with reasons:

   NIL
8. Annual/ Semester/Choice Based Credit System
9. Participation of the department in the courses offered by other departments:

   NIL
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor	**1**	**1**
Associate Professors	2	
Asst. Professors	4	

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
P.V.Giri	M.A., M.Ed., Ph.D	Professor	Tamil, Saiva Siddhantha	27	NIL

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:NIL
13. Percentage of classes taken by temporary faculty – programme-wise information

    NIL

14. Programme-wise Student Teacher Ratio : 20:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled: NIL

16. Research thrust areas recognized by funding agencies: NIL

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

    National,UGC 2 2Lakhs

18. Inter-institutional collaborative projects and grants received

    a) All India collaboration b) International: NIL

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received. NIL

20. Research facility / centre withstate recognition, national recognition, international recognition Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies

    NIL

22. Publications:

    Number of papers published in peer reviewed journals (national/international):

    Six

23. Details of patents and income generated: NIL

24. Areas of consultancy and income generated: NIL

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad: NIL

26. Faculty serving in

    a) National committees b) International committees c) Editorial Boards d) any other (please specify) NIL

27. Faculty recharging strategies NIL

28. Student projects NIL

29. Awards / recognitions received at the national and international level by

    Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. NIL

31. Code of ethics for research followed by the departments --

32. Student profile course-wise: NA

33. Diversity of students: NA

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. NIL

35. Student progression

36. Diversity of staff

Percentage offaculty who are graduates	
of the same university	
from other universities within the State	
from universities from other States	100
from universities outside the country	

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period NIL

38. Present details of infrastructural facilities with regard to

a) Library YES

b) Internet facilities for staff and students YES

c) Total number of class rooms NIL

d) Class rooms with ICT facility NIL

e) Students' laboratories NIL

f) Research laboratories NIL

39. List of doctoral, post-doctoral students and Research Associates NIL

40. Number of post graduate students getting financial assistance from the university.

NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology

Yes, the Department proposes to implement English Medium in Tamil Studies.

42. Does the department obtain feedback from: NIL

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

c. alumni and employers on the programmes offered and how does the department utilize the feedback?

43. List the distinguished alumni of the department (maximum 10) NIL

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. NIL

45. List the teaching methods adopted by the faculty for different programmes. NIL

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? NIL
47. Highlight the participation of students and faculty in extension activities. NIL
48. Give details of "beyond syllabus scholarly activities" of the department.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. NIL
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. NIL
51. Future plans of the department.
52. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Department of Telugu

1. Name of the Department : Telugu

2. Year of establishment : 1919

3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Arts

4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

   M.A in Telugu

   Ph.D in Telugu

5. Interdisciplinary courses and departments involved Nil

6. Courses in collaboration with other universities, industries, foreign institutions, etc

   Nil

7. Details of programmes / courses discontinued, if any, with reasons Nil

8. Annual/ Semester/Choice Based Credit System

   Semester with Choice Based Credit System (CBCS)

9. Participation of the department in the courses offered by other departments Nil

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professor	5	7
Associate Professor	5	-
Assistant Professor	11	2

11. Faculty profile with name, qualification, designation and specialization (D.Sc. /D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Prof. S.V. Satyanarayana	M.A., M.Phil, Ph.D	Professor	Modern Lit., Lterary criticism	34	8
Prof. M.	M.A.,	Professor	Classic Literature	34	8

Chennappa	Ph.D		& Vedic Literature		
Prof. M. Bagaiah	M.A., M.Phil., Ph.D.	Professor	Classic Literature	22	9
Prof. M. Andamma	M.A., M.Phil., Ph.D.	Professor	Folklore	34	9
Prof. V. Nityananda Rao	M.A., M.Phil., Ph.D	Professor	Classical and Modern Literature	24	9
Prof. M. Gona Naik	M.A., Ph.D	Professor	Tribal Literature	19	9
Prof. D. Surya	M.A., M.Phil., Ph.D.	Professor	Tribal Literature	17	8
Dr. S. Kamalakar Sharma	M.A., M.Phil., Ph.D.	Assistant Professor	Classic Literature	9	6
Dr. P. Varija Rani	M.A., M.Phil., Ph.D.	Assistant Professor	Classic Literature	9	3

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors

Emeritus Professor : Prof. N. Gopal
: Prof. N. Swamy

13. Percentage of classes taken by temporary faculty programme-wise information:

Nil

14. Programme-wise Student Teacher Ratio

M.A (Prev) : 8:1

M.A. (Final) : 8:1

Ph.D : 8:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled : One

16. Research thrust areas recognized by funding agencies:

Classical Literature
Modern Literature
Folk Literature
Tribal Literature
Vedic Literature

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

1. Prof. V. Ntyananda Rao, Viswavidyalayallo Telugu Parishodhana (2013) Rs.

80,000/-by UGC MRP.

2. Dr. P. Varija Rani, Study of Mahabharatha with feministic approach, 75,000/- UGC, MRP.
3. Prof. N.Swamy : Kulapuranalu Samagra Adhyayanam- (2010-12)by UGC
4. Prof. S.V.Satyanarayana:
   - Ongoing "Progressive Literary Movement in Telugu(Dacumentation)

3. Dr. D. Surya: "Telangana Banjara Geyalu –Samajika Manava Shastra Vishleshana" 2009- by UGC

18. Inter-institutional collaborative projects and grants received : -Nil-

a) All India collaboration, b) International

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

Nil

20. Research facility / centre with Nil

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies:

Nil

22. Publications:

* Number of papers published in peer reviewed journals (national / international): : 160
* Monographs : 4
* Chapters in Books : 64
* Edited Books : 10
* Books with ISBN with details of publishers : 2
* Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : --
* Citation Index – range / average : average
* SNIP : --
* SJR : --
* Impact Factor – range / average : --
* h-index : --

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated : Nil

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad

Prof. D. Surya visited USA from 5-10-2013 to 15-11-2013 and presented a paper

26. Faculty serving in: a) National committees b) International committees c) Editorial Boards d) any other (please specify):

Prof. S.V. Satyanarayana:

a. General Council Member, Central Sahitya Academi,New Delhi
b. Editorial Board Member, Peoples publishing House, Delhi
c. Presidium Member, All India Progressive Writers Association, New Delhi.
d. Editorial Board Members, Vishalandra Publishing House,Hyd.
e. Academic Member, Banaras Hindu University, Varanasi.

Prof. M. Chennappa

a. Member, Editorial Advisory Committee, Jagruthi
b. Member, Editorial Advisory Committee, Bangalore Telugu Thejam
c. Member, Editorial Advisory Committee, Moksham

27. Faculty recharging strategies

Refresher Coursesa and summer/winter workshop

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects:

  80% Students submitted in house projects on various Literary forms.

- percentage of students doing projects in collaboration with other universities / industry / institute : -Nil-

29. Awards / recognitions received at the national and international level by:

Dept. of Telugu received an International Educational Excellence award by Indo Global Foundation, USA – 2012.

- Faculty:

1. **Prof. S.V. Satyanarayana:**
   a. Gidugu Memorial Award by Dr.Pattabi Kalapeetam - 2011
   b. Kolasam – Chakrapani Memorial Award – 2012.

2. **Prof. N. Swamy:**
    a. Dr. B.R.Ambedkar National Award by -2011

5. **Prof. M.Chennappa:**
    a. Dr. D.Yashoda Reddy Award by Telugu Basha Parirakshana Sangam, Karimnagar -2011
    b. Pragna Puraskaram by Prodduture – 2011
    c. SVR Vidya Puraskaram – 2013
    d. Keerthi Puraskaram – 2013
    e. Upanishath Kavi Puraskaram – 2013
    f. Jaateeya Kavi Puraskaram – 2014
    g. Maharshi Valmeeki Puraskaram – 2014
    h. Kala Subba Rao Puraskaram - 2014

6. **Prof. M. Gona Naik**
    a. Kaloji Smaraka Puraskaram - 2013

7. **Prof. D. Surya:**
    a. Ugadi Puraskaram by Jyosna Kalapeetam, Hyd – 2011
    b. Sahitya Puraskaram – 2013
    c. Banjara Akshara Diviti – 2014
    d. Banjara Mahila Ratna – 2014

6. **Dr. S. Kamalakara Sharma**
    a. Jyothisya Vignana Marthanda - 2013

- Doctoral / post doctoral fellows Nil
- Students Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Seminars:

1. National Workshop on Research Methodology Research Supervision 2012
2. National Seminar on Gurajada Appa Rao on the eve of 15oth Birth Anniversary of Gurajada – 2012
3. Launched an Innovative Research Programme entitled "Nela Nela Parishodana – Niranthara Shikshana" to motivate the Faculty and Research Scholars.
4. National Seminar on "Veturi Prabhakara Shastry Sahitya Sammelanam", 2013
5. National Seminar on"Jashuva Sahitya Sammelanam", 2013

6. National Seminar on"Janapada Vignanam Samskruthi", 2013

31. Code of ethics for research followed by the departments:

Following the UGC Norms

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
P.G	2000	51	35	95	98
Ph.D	400	49	30	--	--

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
P.G.	90	10	Nil	Nil
Ph.D	60	10	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Competitive examinations :

1.	DSC	23		5.	Group I	1
2.	RRB	10		6.	NET	39
3.	Group IV	10		7.	SET	45
4.	Group II	8		8.	JRF	57

35. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	5
Ph.D. to Post-Doctoral	1
Employed • Campus selection	--

Student progression	Percentage against enrolled
• Other than campus recruitment	80
Entrepreneurs	--

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	80
from other universities within the State	20
from universities from other States	Nil
from universities outside the country	Nil

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. Nil

38. Present details of infrastructural facilities with regard to

a) Library : Yes

b) Internet facilities for staff and students : Yes

c) Total number of class rooms : 2

d) Class rooms with ICT facility : Nil

e) Students' laboratories : Nil

f) Research laboratories : Nil

39. List of doctoral, post-doctoral students and Research Associates

Dr. M. Srikanth Kumar

Dr. L. Nehru Naik

Dr. Marcopolonius

Dr. V. Ravi

40. Number of post graduate students getting financial assistance from the university.
Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

As per the societal needs

42. Does the department obtain feedback from

a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes

b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, Receiving the feedback from students and improving accordingly.

c) alumni and employers on the programmes offered and how does the department utilize the feedback?

Involving Alumni in the workshops and Seminars and receiving their feedback.

43. List the distinguished alumni of the department (maximum 10)

1. Dr. C.Narayana Reddy – Former Vice-Chancellor, PSTU & A.P.Open University.
2. Prof. N.Krishna Kumari - Former Vice-Chancellor,PSTU, Hyd.
3. Prof. N.Gopal - Former Vice- Chancellor, PSTU, Hyd.
4. Prof. R.Srihari - Former Vice-Chancellor, Dravida Vishwavidyalayam.
5. Prof. E.Siva Reddy – Present Vice- Chancellor, PSTU, Hyd.
6. Dr. R. Prasada Rao – Director, Cultural Affairs, A.P.State Govt.
7. Dr. K.V.Ramana Chary – I.A.S, Former adviser of cultural Affairs A.P.State Govt.
8. Dr. P.Gopala Krishna – Former Chairman, A.P. Official Language Commission
9. Dr. P.Yashoda Reddy – Former Chairperson, A.P. Official Language Commission
10. Dr. A. Manulatha - Former Vice-Chancellor,PSTU, Hyd.
11. Dr. A.Bhumaiah - Former Vice-Chancellor,PSTU, Hyd.

44. Give details of student enrichment programmes (Special lectures/workshops/ seminar) involving external experts:

Arranging special lectures by external experts, organizing workshops on Research Methodology , organizing seminars by students and allowing them to present Research papers

45. List the teaching methods adopted by the faculty for different programmes:

- Blackboard Method
- PowerPoint Presentation
- Discussions & Deliberations Method

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Department ensuring constantly that the program objectives are met as per the expectation.

47. Highlight the participation of students and faculty in extension activities:

Students of UG Courses are actively participating in NSS & NCC activities

48. Give details of "beyond syllabus scholarly activities" of the department.

Involving the students in constant Reading and Writing beyond the Syllabus and insisting them to write Articles on their studies

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Indo – Global Foundation accredited the department with "Educational Excellence Award – 2012 "

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

1. Contributing to the new knowledge of the society by way of writing books on Dalith, Women, Regional and Minority studies. Participating in various discussions, Seminars and Symposiums organized by Non university and Non academic organizations.
2. The Faculty Members of the department constantly responding to the contemporary, Socio, Economic and Cultural Events; writing Articles and actively participating in the important Socio – Cultural activities.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

STRENGTHS:

1. Department is proud to announce long history from 1919 and achieved Indo – Global Foundation, "International Educational Excellence Award".
2. Prestige of GNANAPEET AWARDS of our department scholars
   a. Dr.Viswanatha Satyanarayana – 1970
   b. Dr. C.Narayana Reddy – 1988
3. All the faculty Members are actively in words academic and Research activities, Publishing books and Editing Valuable books.

WEAKNESSES:

1. Our Research scholars are yet to improve computer knowledge and Digital technologies.
2. No of Faculty members are less than the sanction posts.

OPPORTUNITIES:

1. Opportunities of Teaching, Print media and Electronic media.
2. Our department students are got DSC, Group IV, Group II, RRB jobs.

CHALLENGES:

1. Faculty are to be updated according to the present needs.

52. Future plans of the department.

1. Planning to bring out "VIVECHANA" Special issue with literary and Research articles written by students, scholars and Faculty Members.
2. Planning to establish a Research Centre in the Department.
3. Planning to Improve the Departmental Seminar library.
4. Proposed to organize a National Seminar on "Bammera Pothana Bhagavatha

Samalochana".

5. Proposed to publish books Written / Edited by Faculty Members.
6. Proposed to publish a "Research Volume" written by the students and scholars of the Department.

Department of Urdu

1. Name of the Department : Urdu
2. Year of establishment : 1918
3. Is the Department : Faculty of Arts
4. Name of Courses offered :

   M.A., Ph.D., &P.G. Diploma in Paleography
5. Interdisciplinary courses and department involved : Yes
6. Course in collaboration with other universities, industries, foreign institution, etc: No
7. Details of Programmes / Courses discontinued, if any, with reasons : Nil
8. Annual / Semester/ CBCS : Semester (CBCS)
9. Participation of the department in the courses offered by other departments: Yes
10. Number of teaching posts sanctioned and filled (Professors / Associate Prof./Assistant. Prof)

	Sanctioned	Filled
Professor	2+1@@= 3	1
Associate Professor	4+1@= 5	-
Assistant Professor	3	1

Note: @ Senior Scale including Merit Promotion Post.
@@ Selection Grade including Promotion Post.

11. Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Exp	No. of the Ph.D students guided for the last 5 years
Dr. Atiya Sultana	M.A., M.Phil, Ph.D	Professor	Deccani Language and Literature.	27	06
Dr. Maimoona	M.A., M.Phil, Ph.D	Professor	Modern Urdu Prose, Classical Urdu Prose and Fiction	32	06
Dr. Mohd. Abdul Muyeed	M.A., M.Ed., M.Phil., Ph.D& P.G. Diploma in Applied Linguistics	Assistant Professor	Modern and Classical Poetry	14	02

12. List of Senior Visiting Fellows, Faculty, Adjunct Faculty, Emeritus Professors:

    Nil

13. Percentage of classes taken by temporary faculty – Programme – wise information: 35% (32 period per week)

14. Programme wise Student Teacher Ratio: 6:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

    Two (1 (One) Computer Operator and 1 (One) Office Sub-ordinate on Contract Basis)

16. Research thrust areas recognized by funding agencies.

    Comparative Studies and Interdisciplinary Studies

17. Number of faculty with ongoing projects from:**Completed in 2016.**

Sl. No	Name of the Teacher	Funding Agency	Title of the Project	Dura-tion	Grant received (Rs.)
1.	Dr. Fatima Begum	Deccan Research Center Pune	Critical study of Fathe Nama Nizam Shah	2011-13	100000
2.	Dr. Fatima Begum	UGC	Socio Cultural Study of Deccani Poetry with Special reference to the Female Character	2011-13	85000

18. Inter-institutional collaborative projects and grants received: Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/ CAS, DPE; DBT, ICSSR, etc.; total grants received. Nil

20. Research facility / centrewith : Nil

    i) State recognition
    ii) National recognition
    iii) international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil

22. Publications:

    * **Number of papers published in peer reviewed journals (national/ international) - 13**

      Dr. Mohd Abdul Muyeed (2015). Urdu Shaer Aur Telangana-Qumi Zaban, Hyd.

      Dr. Mohd Abdul Muyeed (2014). Mohammad Quli-Bahesiyath Sultan-o-Shaer

      Dr. Mohd Abdul Muyeed (2012). Nazmein (Nazm Nazm Khiyal)-Shair, Hyd.

      Dr. Mohd Abdul Muyeed (2011). Nazmein (Nazm Nazm Khiyal)-Subras, Hyd.

      Prof. Fatima Begum (2013). Urdu Shaeri 1857 1920 AD, Punch Dhara, Marathi Sahitya Parished, Hyd.

Prof. Fatima Begum (2013). SulaimanKhateeb, QumiZaban, Hyd.

Prof. Fatima Begum (2012). Dr. Zore, Iqbal Review.

Prof. Fatima Begum (2012). Sufi Voice in Telugu Literature, Deccan Studies, Hyd.

Prof. Fatima Begum (2012).Iqbal Aur Faiz Mumaselatain-o-Mushabihatein, Iqbal Academy, Hyd.

Prof. Fatima Begum (2011). Sugra Humayun Mirza Aur Dr. Sir Mohammed Iqbal, Iqbal Review, Iqbal Academy.

Prof. Fatima Begum (2011). Naseeruddin Hashmi,QumiZaban, Hyd.

Prof. Fatima Begum (2011). Prof. Masood Hussain Khan, Jamia, Delhi.

Prof. Fatima Begum (2011). Maqmoor-Mai Muwadat, Sabras, Hyd.

* **Monographs : Nil**

* **Chapters in books : (08)**

Prof. Maimoona (2012). Hali Ki Sawane Nigari, O.U. Hyd.

Prof. Maimoona (2011). Mujtaba Hussain KeKhaka Nigari, O.U, Hyd.

Prof. Maimoona (2010). Nazeer Ahmed Ki Novel Nigari, Course Material for Dr. B.R. Ambedkar University, Hyd.

Prof. Maimoona (2010). RaniKadhiki KiKhaniKaJayza, Course Material for Dr. B.R. Ambedkar University, Hyd.

Prof. Fatima Begum (2012). Wali, Dr. B.R. Ambedkar Open Univ

Prof. Fatima Begum (2011). Phool Bann Kaa Jayeza, Dr. B.R. Ambedkar Open Univ

Prof. Fatima Begum (2010). Dabistan – e- Lucknow, Dr. B.R. Ambedkar Open Univ

Prof. Fatima Begum (2009). Dabistan -e- Delhi, Dr. B.R. Ambedkar Open Univ

* **Edited Books : 07**

Prof. Fatima Begum (2012). Literary Criticism, Dr. B.R. Ambedkar Open Univ

Prof. Fatima Begum (2011). Baba-e-Dacceniyat, MANUU

Prof. Fatima Begum (2009). GULDASTA, for XI & XII standard, A. P. Board of Intermediate

Prof. Fatima Begum (2009). Mutal-e- Adab (Second Language)Part-I, Zouq-e- Adab (Modern Language) Part I (UG Course)

Prof. S.A. MajeedBedar (2010). A.P.S.S.C. Board Urdu Syllabus booksfor I to X

Prof. S.A. MajeedBedar (2010). GULDASTA, for XI & XII standard, A. P. Board of Intermediate

Prof. S.A. MajeedBedar (2008-09). Published 23 rare Urdu Books and 19 Syllabus books for various courses

* Books with ISBN with details of publishers

Sl No	Author(s)	Title	Publisher & year	ISBN
1.	Dr. Mohd Abdul Muyeed	Maqalaat-E-Arooz- O -Fun	2015	978-81-910861-5-7
2.	Dr. Mohd Abdul Muyeed	Maaib-e-Sukhan(Critical&Research based)	2015	978-81-929573-4-0
3.	Dr. Mohd Abdul Muyeed	Dil Keh Raha Hai (Collection of Poetry in Urdu)	2014	978-93-82602-18-7
4.	Prof. Fatima Begum	Urdu Mein KhawateenkaAdab – EkMutailiya	2013	-
5.	Prof. Fatima Begum	ClassikiShaeriKaMutalla	2011	-
6.	Prof. Fatima Begum	NanhiNazme, Translation of Prof. Gopi, Poetry from Telugu to Urdu	2010	-
7.	Prof. Maimoona	Nigaarshaat – E – Shaz Tamkanat	2008	-
8.	Prof. Maimoona	Mujalla -e-Osmania	2008	-
9.	Prof. S.A. MajeedBedar	Danishwar Dr. Zore	2012	-
10.	Prof. S.A. MajeedBedar	DoobteUbharte Jazeera (Portraits &Sketchs)	2011	-
11.	Prof. S.A. MajeedBedar	Deccani Nazr Per EkNazar	2010	-

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated : Nil

25. Faculty selected nationally / internationally to visit other laboratories in India and abroad: Nil

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (Please specify)

Editorial Board: Prof. Fatima Begum

1. Idar-e-Sher-o-Hikmaat : General Secretary
2. Iqbal Foundation Hyderabad: Founder Member

3. Hyderabad Academy: Executive Member

27. Faculty recharging strategies

Participation in Seminars, Workshops and Extension Lectures.

28. Student Projects: Nil

* Percentage of students who have done in-house projects including inter-departmental projects --
* Percentage of students doing projects in collaboration with other universities/ industry/ institute --

29. Awards/ recognitions received at the national and international level by

* Faculty

Dr. Mohd Abdul Muyeed

1. Represented Osmania University in a Two Day International Seminar organized by Mahatma Gandhi Institute, Moka, Mauritius, entitled **"Naatia Adab-Adab-e-Aliya"** on 18th& 19th March, 2014 and presented a research paper on the topic **"Urdu Naat Gooi Ek Jaaeza".**
2. Received **"Best Teacher Award"** in the year 2014.
3. Received **First Prize** for the Book **"Dil Keh Raha Hai"** (A Collection of Urdu Poetry) by Telangana State Urdu Academy - 2014.
4. Received **First Prize** for the Book **"Maa'aib-E-Sukhan-O-Hidayath Nama –E-Shaeri"** (Critical & Research based) by Telangana State Urdu Academy - 2015.

Prof. Maimoona

1. Andhra Pradesh Urdu Academy Awarded for the book **"Nigaarshaat – E – Shaz Tamkanat"** 2013.
2. Dean, Faculty of Arts, O.U. from 2014-2015.

Prof. Fatima Begum

1. West Bengal Urdu Academy Awarded for the **book "Akhtar Ansari Ki Shayeri Ka Tankidi Mutalaya"**, 2008.
2. Andhra Pradesh Urdu Academy Awarded for the book **"NannheNazmein"** 2008.
3. Represented Osmania University in a Three Day International Seminar on **"Deccani: A Common Foundation for Urdu and Hindi"** organized by Nehru Centre and IlmiMajlis at London, U.K on 24th, 25th& 26th July, 2009. Presented a research paper on **"Dr. Zore's Contribution to Deccani Studies".**
4. Represented Osmania University in a Three Day International Seminar on **"Sufi Voice in Indian Languages"** organized by Nehru Centre and IlmiMajlis at London, U.K on 24th, 25th& 26th August, 2012. Presented a research paper on **"Sufi Voice in Telugu Literature".**

5. **"Best Teacher Award"** from Urdu Academy Andhra Pradesh on 5th September, 2012.
6. **"Karnama-e-Hayat for Teaching"** by Urdu Academy Telanganain 2013.

Prof. S.A. MajeedBedar

1. Nominated as a member of Governing body of Andhra Pradesh State Urdu Academy. (During service 23 rare Urdu Books and 19 Syllabus books for various courses has been published from December 2008 to 2009).
2. Board Member of Executive Committee, Board of Intermediate, A.P. Hyd 2010.
3. Andhra Pradesh Urdu Academy awarded the Book **"Doobte Ubharte Jazeere"** – 2011.

* Doctoral / post doctorial fellows: Nil

* Students

Name of the student	Achievement/Award/Honour
Mr. Mohd Ehtesham-ul-Hasan, Ph.D Research Scholar, Dept. of Urdu, O.U.	Presented the Paper on the topic **"**Cyber Technology Ka Urdu Adab Aur Sahafath Mein Istemal"in International Research Scholar's Seminar organized by Ghalib Institute, New Delhi on 26th to 28th September, 2014, and received certificate.
Mr. Mohd Abdul Saleem, Ph.D Research Scholar, Dept. of Urdu, O.U.	Presented the Paperon the topic"Maikash Hyderabadi Life and Works" in Three Day International Seminar for Research Scholars organized by Ghalib Institute, New Delhi on 11th to 13th September, 2015, and received certificate.

30. Seminars / Conferences / Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

1. A Group of Trainee Teachers from Central Institute of Indian Languages and Urdu Research Training Centre, Lucknow, visited the Department and benefited the Seminar Library and the Thesis on 14th February, 2011.
2. The Department organized inaugural Ceremony of **"Urdu Campus"**, at University College for Women's, Koti Hyderabad, on 6th January, 2012.
3. Two Extension lectures on the completion of 100 years of the poems of Allama Iqbal **"SHIKWA AND JAWAB – E - SHIKWA"** by Mr. Abul Fareed Ehsan an Eminent Scholar on Iqbal studies from America, on 22nd and 23rd February, 2012.

4. The Department organized Bilquis Begum 1st Endowment Lecture on 5th February, 2014 on the topic **"Biswein Sadi Urdu Manzar Nama Jamai Osmania KeTanazur Mein"** by Prof. Syed Sadiq, Farmer Head, Department of Urdu, Delhi University.
5. The Department organized a One Day National Seminar entitled :**"Asre-Hazir Ki Urdu Shaeri, Rujhanaat-O-Imkanaat"** ("Modern Urdu Poetry, Its Trends And Future Possibilities") on 08th August, 2014.
6. The Department organized One Day National Seminar entitled : **"Urdu Poetry – Prosodic & Technical Aspects"** on 09th November, 2015.
7. The Dept. of Urdu & Academic Staff College, O.U. organized Seven Days Short Term Course entitled **"Techniques of Urdu Poetry i.e., "Prosody".** for 47 faculty members from 14th March 2016 to 20th March 2016.

31. Code of ethics for research followed by the departments:

Research Scholars are made aware of the problems of plagiarism. Continuous monitoring and evaluation of DRS and Supervisors ensure that scholars follow ethical practices in research.

32. Student profile course-wise:

Name of the course (refer to question no.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
P.G	105	45	60	95	95
Ph.D	87	28	16		
P.G. Diploma in Paleography	-	-		-	

33. Diversity of students

Name of the course (refer to question no.4)	% of students from the same university	% of students from other universities within the state	% of students from Universities outside the state	% of students from other countries
PG	95			5
Ph.D.	95			5

34. How many students have cleared Civil Services and Defence Service examinations, NET, SET,GATE and other competitive examinations? Give details category – wise.

NET	SET
Rehmathunnisa Begum	Mohd. Sadullah Khan
Syed SaifullahBasha	NarjisGulnar
Mohd. SajidMunawar	Mohd. Abdul Qauvi

Syed Hamed	Humeera Sayeed
M.A. Azeez	Amena Begum
WajidaNargiz	Mohd. Shahid Ali
Mohd. Shahid Ali	Abdul Khalique
Razia Sultana	Jameel Ahmed

35. Students progression

Students progression	Percentage against enrolled
PG to M.Phil	50
PG to Ph.D	50
Ph.D to Post – Doctoral	-
Employed	Degree & Junior College Lecturers
• campus selection • other than campus recruitment	More than 10 students are employed in various private Degree and Jr. College Lecturers
Entrepreneurs	--

36. Diversity of staff.

Percentage of faculty who are graduates	
Of the same university	100 %
From other universities within the state	-
From universities from other state	-
From universities outside the country	-

37. Number of faculty who were awarded Ph.D., D.Sc. and D.litt.during the assessment period : Nil

38. Present details of infrastructural facilities with regard to

a) Library : Yes
b) Internet facilities for staff and students : Yes
c) Total number of class rooms : 02
d) Class rooms with ICT facility : Nil
e) Students laboratories : Nil
f) Research laboratories : Nil

39. List of doctoral, post-doctoral students and Research Associates

Sl. No.	Name of the candidate	Topic	Supervisor	Degree	Year
1.	Mohd. Nazim Ali	"Prof. Al-Ahmed Saroor Fiker-	Prof. Ashraf Rafi,	Ph.D	2008

		O-Fun".	(Retd)		
2.	Amtul Raheem	"Hasht Bahist Ka Tanqeedh Mutala".	Prof. Mohd Ali Asar	Ph.D	2006
3.	Mohd Mustaq Ahmed	"Amjad Hyderabadi Aur Meer Anees Ke Rubaiyath Ka Tankheedi Mutalah".	Dr. Mohd. Osman Ali Asad (Retd)	Ph.D	2008
4.	Md. Ehteshamuddin Khurram	"Dr. Hameedullah Ki Ilmi – O – Adabi Khidmaat".	Prof. Mohd Ali Asar	Ph.D	2008
5.	Ameer Ali	"Prof. Syeda Jaffar Ki Ilmi – O – Adabi Khidmaat".	Prof.Mohd. Afzaluddin Iqbal	Ph.D	2008
6.	Nazimuddin Munwar	"Aazadi-Ke- Baad Telangana Mein Urdu Ki Ilmi, O Adabi Sargarmiyan".	Prof. Mohd. Baig Ehsas. .	Ph.D	2009
7.	Maimoona Begum	"Urdu Afsane Ko Razaul Jabbar Ki Daen (Raza – Ul – Jabbar And His Contribution To Urdu Short Story)".	Dr. S.A Majeed Bedar.	Ph.D	2009
8.	Meher Unnisa	"Ali Baquar Ki Afsana Nigari".	Prof. Fatima Begum	Ph.D	2009
9.	Rehana Sultana	"Bashar Nawaz Ki Adabi Khidmaat".	Prof. Mohd. Baig Ehsas.	Ph.D	2009
10.	Atiya Sultana	"Filmi Shaeri Ke Zariye Sheri Asnaf Ka Farogh".	Prof. Fatima Begum.	Ph.D	2010
11.	Shaik Sadi Arshad	"Tahreeq – E – Azadi Aur Maulana Abul Kalam Azad".	Dr. S.A Majeed Bedar .	Ph.D	2010
12.	Mirza Mustafa Ali Baig	"The Depiction Of Urdu Language And Indian Culture In T.V. Serials".	Prof. Fatima Begum.	Ph.D	2010
13.	Mohd. Abdul Quavi	"Maghribi Duniya Mein Urdu Akhbaraat Aur Rasail Ki Ilmi Wa Adabi Khidmaat".	Prof. Fatima Begum.	Ph.D	2010
14.	Gul – e – Rana	"Mujtaba Hussain Bahaisiat Tanz-O-Mizah Nigar".	Prof. Maimoona	Ph.D	2011
15.	Mohd Abdul Wahab Ghori	"Salauddin Naiyar Ki Adabi Khidmaat".	Prof. Habib Zai	Ph.D	2011
16.	Ateeq Fatima	"Masnavi Yaadgar – E – Zamana Ki – Tanqueedi Tadveen".	Prof. Mohd Ali Asar	Ph.D	2011
17.	Faheemuddin Ahmed	"Hafeez Meerathi Ki Ghazal Nigari".	Prof. S.A. Majeed Bedar	Ph.D	2012
18.	Asuf Ali Adil Allymamod	"Mauritius Mein Urdu Ka Adabi O Lisaani Irtiqa".	Prof. Fatima Begum	Ph.D	2012
19.	Md. Sohail Ahmad.	"Jama – E – Nizamia Ke Ahem Shoera Ki Khidmat".	Prof. Mohd. Tatar Khan	Ph.D	2013
20.	Masroor Sultana	"Dr. Yousuf Sarmasth Ki Adabi Khidmaat".	Prof. Maimoona	Ph.D	2013
21.	Syed Hamed	"The Development Of Urdu One Act Play From 1970 To 2005".	Prof. Mohd Tatar Khan	Ph.D	2013
22.	Syed Hussamuddin	"A Study Of Sirath Un Nabi In Urdu During 20th Century".	Prof. Baig Ehsas	Ph.D	2013
23.	M.A. Azeez	"Dr. Sheela Raj Life And	Prof. Fatima Begum	Ph.D	2014

		Work".			
24.	Nishat Anjum	"Halqua –E-Arbaab-E -Zauque Ke Numainde Takhleeque Karon Ke Andaz- E -Bayan Ka Tanqeedi Jayeza" " Critical Study And Style of Writing of Selected Writers of Halqua-E- Arbab-E-Zauq".	Prof. S.A. Majeed Bedar	Ph.D	2014
25.	Syed Fazil Hussain.	"Urdu Sahafat Nai Imkanath"	Prof. Fatima Begum	Ph.D	2014
26.	Mohd. Basheeruddin Ahmed	"Dr. Iqbal Ki Payami Shaeri"	Prof. Atiya Sultana	Ph.D	2014
27.	Noori Khatoon	"Aurangabad Ki Deccani Masnawiyaun Ka Jaiza"	Prof. Mohd Ali Asar	Ph.D	2015
28.	Abu Sayeed Mir Ashfaq Ahmed	"Urdu Masnavi in the Period of Asif Jahi's"	Dr. Askari Safdar	Ph.D	2016

40. Number of post graduate students getting financial assistance from the university : Nil

41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology: Nil

42. Does the department obtain feedback from:

b) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes

e) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes

f) alumni and employers on the programmes offered and how does the department utilize the feedback? Yes

The Department obtains feedback on teaching –learning – evaluation from the students through a questionnaire. The feedback is discussed in the departmental meetings to evolve strategies to address the concerns and issues raised by students as well as teachers.

43. List the distinguished alumni of the department (maximum 10)

1. Moulvi Abdul Haque (known as Baba – e – Urdu)
2. Prof. Masood Hussain Khan (Former V.C. Jamia-e- Milia Islamia, New Delhi)
3. Prof. Gulam Omer Khan
4. Prof. Syeda Jaffar
5. Prof. MughniTabbassum
6. Prof. Ashraf Rafi
7. Prof. Yousuf Sarmast
8. Prof. Akbar Ali Baig
9. Prof. Mohd. Tatar Khan
10. Prof. S.A. Majeed Bedar
11. Prof. Atiya Sultana
12. Prof. Fatima Begum

44. Give details of student enrichment programmes (special lectures/workshops/ seminars) involving external experts:

Special lectures:

1. **Mr. Abul Fareed Ehsan**, Eminent Scholar from America on 23rd February, 2012.
2. **Prof. Syed Sadiq**, Former Head, Dept. of Urdu, Delhi University on 4th& 6th February, 2014.
3. **Prof. Mohd. Nooruddin Sayeed**, Retd. Professor Karnataka University and Chairman, Karnataka State Urdu Academy 2015.
4. **Prof. Syed Sajjad Hussain,** Head Dept. of Madras University, Chennai in during the year2015- 2016.
5. **Prof. Syed Khaleel Ahmed**, Dear faculty of Arts Shimoga University, Karnataka during 2015-2016.
6. **Prof. S.A.Sattar**, former Head Dept. of Urdu, SV University Titupati and Registrar Abdul Haq University Kurnool , A.P.

45. List the teaching methods adopted by the faculty for different programmes: Lectures.

1) Lectures
2) Discussion
3) Library visit
4) Visit to Newspapers office
5) T.V. Studios
6) Radio Stations

46. How does the department ensure that programme objectives are constantly met and learning outcomes are mentioned?

Through continuous evaluation

47. Highlight the participation of students and faculty in extension activities.

Faculty:

Prof. Fatima Begum:

1. Extension Lecture – "ZabanAdab Tehzib-e –FahafuzaurQawateen", Anjuman – e – Islam, Mumbai on 5th Feb, 2011.
2. "DeccaniShaeri", Mumbai University, Mumbai, 7th Feb, 2011.
3. "Mehfil -e-Khawateen", preside over the function, Hyderabad, March 2011.
4. "AnjumaTariqhi Urdu-ShaaqKokinKafitita", Mumbai, March 2011.
5. Anjuman-e-Asateza, Mumbai, "KirdaarSazi Mein AsatezaKaHissa" April, 2011.

6. Sheela Raj Memorial Lecture, "ShahaneAsifiya Ki Daur Mein Urdu Taraqee", July 2011.
7. H.E.H The Nizam Memorial Lecture, "Asif-e-Sabe Ki Urdu Khidmaat" June 2012.

TV Talk:

1. "Urdu Mein BachaonKaAdab", Doordarshan, Hyd, 2012.
2. "DeccaniAdab" Dr. B.R. Ambedkar Open Univ, January, 2012.

Prof. S.A. MajeedBedar

1. "Tanzeem-e-Tahaffuze" Urdu, Hyderabad, January 2011.
2. "Urdu Tahqeeq in Hyderabad", Gulbarga University, Gulbarga, February, 2011.
3. "Bazm-e-Ilim-o-Adab", Hyderabad, March 2011.

TV Talk:

1. Interview of well known Urdu Critic Prof. SyedaJaffar was telecast on DoordarshanSaptagiri on 26th May 2012.

48. Give details of "beyond syllabus scholarly activities" of the department:

Participation of faculty in selection committee

1. Prof. Atiya Sultana, was Subject Expert in VanithaMahaVidyala, Hyd
2. Prof. Atiya Sultana member of Minority Selection Committee, of Osmania University.
3. Prof. Atiya Sultana, Subject Expert in Royale Degree College, affiliated to Osmania University.
4. Prof. Fatima Begum, member of Minority Selection Committee, of Osmania University
5. Prof. Fatima Begum, Member of Selection Committee of Indian Overseas Bank 2011.
6. Prof. Fatima Begum, Member of Selection Committee of Andhra Bank March, 2013.
7. Prof. Maimoona, member of Selection Committee, Pragathi College. 2014.
8. Prof. Maimoona, Governing Body Member, Osmania University - All Affiliated Colleges. 2014.
8. Prof. Maimoona, Member of Board of Studies in Urdu (P.G.), Faculty of Arts, O.U.
9. Prof. Maimoona Member of Board of Studies in Urdu (U.G.), Faculty of Arts, O.U.,
10. Prof. Maimoona, Member of Board of Studies in Urdu, Govt. City College, (Autonomous) Nayapul, Hyd., 2016.

11. Prof. Maimoona, Member of Board of Studies in Urdu, Govt. Degree College for Women (Autonomous) Begumpet, Hyd., 2016.
12. Dr. Mohd Abdul Muyeed, Selection Committee Member for Progress Degree College (Girls), Falaknuma. 2015.
13. Dr. Mohd Abdul Muyeed, Member of Board of Studies in Urdu (P.G.), Faculty of Arts, O.U.
14. Dr. Mohd Abdul Muyeed, Member of Board of Studies in Urdu (U.G.), Faculty of Arts, O.U.,
15. Dr. Mohd Abdul Muyeed, Member of Board of Studies in Urdu, Govt. Degree College, Siddipet., 2016.
16. Dr. Mohd Abdul Muyeed, Member of Board of Studies in Urdu, Govt. City College, (Autonomous) Nayapul, Hyd., 2016.
17. Dr. Mohd Abdul Muyeed, Member of Board of Studies in Urdu, Anwarul-Uloom Degree College (Autonomous), Mallepally, Hyd., 2016.
18. Dr. Mohd Abdul Muyeed, Member of Board of Studies in Urdu, Govt. Degree College for Women (Autonomous) Begumpet, Hyd., 2016.

49. State whether the programme / department is accredited / graded by other agencies? If yes, give details:

Department is accredited

1. Urdu Department accredited by NAAC and selected for University for Potential Excellence.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The whole faculty of the Department is busy in various activities, such as enriching the students, presenting the research papers in international/national seminars, publishing books and research papers, contributing as resource persons in Academic Staff College and delivering extension lectures.

Two New Courses have been designed and introduced for M.A. II Year.

1. Women's Writing introduced in M.A. III & IV Semesters.
2. Mass Media introduced in M.A. III & IV Semesters.

   Interdisciplinary Courses: CBCS (2010-11)
3. CBCS syllabus introduced in M.A. III & IV Semesters in the Academic Year 2010-2011.

51. Future plans of the department.

The Department is going to establish a computer lab with the financial assistance of **Dr. Sajid Ali** from (USA) to develop the qualities of students of M.A. Urdu. The Mass Media is the papers of M.A. Urdu, III and IV semester which helps them to be perfect in their respective field. So we are training the students to compete the present day's challenges.

1. The importance of prosody (Teaching, & Learning techniques of Urdu Poetry specially related to Ghazal) through DVD's and CD's.

2. Making of Short & Tele Films on the legend Urdu personalities. (Prose and Poetry) through DVD's and CD's.
3. Course Arrangement of students to visit various Print Media Centers, T.V. studios and Radio station.
4. Material for U.G. & P.G. through DVD's and CD's.

52. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

1. The Faculty of the Department is well known in International Urdu World and participating in research activities, delivering lectures and presenting research paper in National and International Seminars.

2. Faculty receiving invitation to act as resource persons from various academic staff colleges.

Weaknesses

- Inadequate Teaching faculty
- Technical staff
- Inadequate Lab facilities

Challenges

1. Imitation by other colleges of our distinctive features and programs dilutes our uniqueness and competitive advantage
2. Loss of full time faculty, and no new recruitment
3. Overcoming fear of risk-taking and innovation

Opportunities

1. Expanded international studies and global issues curriculum, experience, and programs
2. The growing service and information technology- based economy will create new jobs for which we can prepare students or retrain those who have lost jobs in the declining sectors
3. The expected redistribution of the population within our catchment area over the next 10 years, opportunities exist within the new environment for us by staying attuned
4. Adapting the curriculum and delivery methods to include more off-campus opportunities, being creative in course scheduling, online courses, and providing additional support for satellite spaces are a few of the ways we can meet the needs of our diverse and ever changing student body
5. Technology can also be used to enhance our relationship with constituents, ranging from prospects, community partners, internship sites, students, and alumni

6. Strengthen student retention by providing curriculum and learning experiences that enhance opportunities for relevant careers, further education, and lifelong learning
7. Strengthen student retention by providing resources and services that foster academic success, support diverse needs, and enhance opportunities for growth.

Department of Commerce

1. Name of the Department : Commerce

2. Year of establishment : 1945

3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Commerce

4. Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc)

   PG - M.Com (Commerce)

   PG - M.Com (IS)

   PG Diploma in Taxation

   Ph.D in Commerce

5. Interdisciplinary courses and departments involved:

   Economics, Business Management, Public Administration, Computer Science and Mathematics, Accounting for Management, Statistics for Management

6. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil

7. Details of programmes/courses discontinued, if any, with reasons

   a) Master of Finance and Control (MFC) / (M.Com Finance): In sufficient class rooms & hostel accommodation

   b) PG Diploma in Retail Management: Poor Response and no demand for the course

   Note: There is no demand for the courses.

8. Annual/Semester/Choice Based Credit System:

   Semester, with CBCS

9. Participation of the department in the courses offered by other departments

   Economics, Business Management, Public Administration, Computer Science and Mathematics, Accounting for Management, Statistics for Management

10. Number of teaching posts sanctioned and filled (Professors / Associate Professors/Asst. Professors)

Designation	Sanctioned	Filled
Professor	2	10
Associate Professor	9	--
Asst. Professor	2	04

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D/Litt./ Ph.D./M.Phil.,etc.)

S. No	Name	Qualifi-cation	Desig-nation	Specialization	No. of year of exp	No. of Ph.D Students guided for the lase 5 year
1	Prof. K. Shankariah	M.Com., M.Phil., Ph.D	Professor	Accounting & Finance	31	3
2	Prof. H. Venkateshwarlu	M.Com., M.Phil., Ph.D	Professor	Marketing Management	32	6
3	Prof. K. V. Achalapathi**(Retired on 31.08.2016)**	M.Com., M.Phil., Ph.D	Professor	Industrial Economics, Accountancy, Marketing Management	35	7
4	Prof. P. PurushothamRao**(Retired on 31.03.2014)**	M.Com., M.Phil., Ph.D	Professor	Marketing Management	35	4
5	Prof. S.V.Satyanarayana	M.Com., M.Phil., Ph.D	Professor	Managerial Economics & Business Environment	31	8
6	Prof. G. Laxman	M.Com, M.Phil., Ph.D., MBA., LLB	Professor	Finance	30	5
7	Prof. V. AppaRao	M.Com., M.Phil., Ph.D	Professor	Management Accounting	26	01
8	Prof. B. Raja Rathnam	M.Com., M.Phil., Ph.D	Professor	Human Resource Management and Cost Accounting	27	01
9	Prof. V. UshaKiran	M.Com., M.Phil., Ph.D	Professor	QTBD and Taxation	26	01
10	Prof. D. Chennappa	M.Com., MBA., M.Phil., Ph.D	Professor	QTBD, Accounting &E-Commerce	24	4
11	Dr. G. Naresh	M.Com.,	Assistant	Finance and	24	01

S. No	Name	Qualifi-cation	Desig-nation	Specialization	No. of year of exp	No. of Ph.D Students guided for the lase 5 year
	Reddy	MBA., M.Phil, PGDCA, AICWA, Ph.D	Professor	Costing		
12	Dr. A. Patrick	M.Com., MBA., Ph.D	Assistant Professor	QTBD, Marketing Management	19	--
13	Dr. IndraknatiSekhar	M.Com., M.Phil., Ph.D	Assistant Professor	Accounting, Taxation, Banking, & Computers	15	--
14	Dr. J. Ravi Kumar	M.Com., M.Phil., Ph.D	Assistant Professor	Accounting & Finance	15	--

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors - Nil

13. Percentage of classes taken by temporary faculty - programme – wise information

M.Com: Nil

M.Com (IS): 55 %

PG Diploma in Taxation: 100 %

Ph.Din Commerce: Nil

14. Programme – wise Student Teacher Ratio – 20 : 1

15. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Sanctioned: 02, Filled : 04 (kamati – 1, attender – 1, lab attender – 2)

Note: Three persons are drawn from college to meet more work load and office steno is not filled

Temporary: Clerks: 05, Office Assistants

16. Research thrust areas recognized by funding agencies:

Finance, Marketing, Accounting and Insurance

17. Number of faculty with ongoing projects form a) national b) International funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project – wise. One

Name of the Faculty :**1) Prof. K. V. Achalapathi**

Grant :Rs. 12 Lakhs

Nature of Project: Major Research Project

Funding Agency: University Grants Commission

Project Title: Implication of IFRS on Adoption of Corporate Reporting Practices - An Empirical Investigation.

Year: 2013-2014

Duration: 2 years

2) Dr. G. Naresh Reddy

Grant :Rs. 6 Lakhs

Nature of Project: Major Research Project

Funding Agency: University Grants Commission

Project Title: Fraudulent Financial Practices and Investor Protection in the Indian Capital Market

Year: 2015-2017

Duration: 2 years

18. Inter – institutional collaborative projects and grants received

a) All India collaboration b) International

Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received: UGC – SAP

a) UGC-SAP-DRS-I: 2004-2009, Rs. 22 Lakhs, Thrust Area: Marketing

b) UGC-SAP-DRS-I: 2009-2014, Rs. 52 Lakhs, Thrust Area: Finance

c) UGC-SAP-DRS-III: 2014-2019, Rs. 120 Lakhs, Thrust Area: Finance and Marketing

20. Research facility / centre with

- State recognition: --
- National recognition: --
- International recognition: --

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

- Number of papers published in peer reviewed journals (national/ international) - 50
- Monographs -
- Chapters in Books -
- Edited Books - 20

Prof. S.V. Satyanarayana

a) Quantitative Techniques – 1 (B.com 1st year – Telugu medium)

b) Entrepreneurship Development (B.Com 2nd year – English and Telugu Medium)

c) Business Economics (B.com 1st year – Telugu & English medium)

- Books with ISBN with details of publishers: 15

1. Prof. H. Venkateshwarlu

a) Emerging Trends in Banking

b) Supply chain Management – Lambart Academic Publishing, Germany.

2. Prof. D. Chennappa
   a) Modern Teaching Techniques in Management Education, GRS Publication, May 2012
   b) Auditing, Himalaya Publications, 2012
   c) Accounting System, Himalaya Publications, 2012
   d) RDBMS, Himalaya Publications, 2012
   e) Fundamentals of C Language – GRS Publications – 2012
3. Prof. S.V. Satyanarayana
   a) Business Process Reengineering in Commercial Banks, Himalaya, 2011

- Number listed in international Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.) - 03
- Citation Index – range / average -
- SNIP -
- SJR -
- Impact Factor – range / average 0.3
- H – index -

23. Details of patents and income generated --

24. Areas of consultancy and income generated --

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad
Nil

26. Faculty serving in

a) International Committees

1. Prof. K. Shankaraiah - Research Advisor Academic of International Business

b) National committees

1. Prof. P. PurushothamRao: Member, Distance Education Council (IGNOU), New Delhi
2. Prof. K. Shankariah: Member, BOS, All India Management Association, New Delhi

c) Editorial Boards:

Name of the Journal: Osmania Journal of International Business Studies (OJIBS) – (ISSN 00973-5372)

- Prof.S.V.Satyanarayana- Head, Dept. of Commerce & Editor in Chief
- Prof. GaddamLaxman, - Dean, Faculty of Commerce & Associate Editor in Chief
- Prof. V. Anand Kumar, CBoS, Associate Editor in Chief
- Prof.D. Chennappa – Executive Editor

27. Faculty recharging strategies:

Faculty Members are conducting seminars, conferences, workshops, Faculty Development Programme and special training for updating their knowledge. The faculty also using ICT method in teaching

28. Student projects

- Percentage of students who have done in – house projects including inter-departmental projects – 100%
- Percentage of students doing projects in collaboration with other universities/ industry / institute – Nil

29. Awards/ recognitions received at the national and international level by

- Faculty:
  a) Prof. V. UshaKiran: Best Paper Award – All India Accounting Conference – 2011, Trivendram
  b) Prof. H. Venkateshwarlu: Best Teacher Award, Govt. of A.P – 2010
  c) Prof. P. PurushothamRao: Best Teacher Award, Govt. of A.P – 2009
  d) Prof. V. AppaRao: Best Faculty Award, Institute of Practical Accountancy, HYD – 2008
  e) Prof. D. Chennappa – "Awareness of Insurance Sector – IGNOU Project 2012.
  f) Prof. S.V. Satyanarayana - **"Best Business Academic of the Year Award" Dec, 2014**
  g) Prof. K. Shankaraiah – **Best Teacher Award – 2016**
  h) Prof. D. Chennappa: ICSSR – New Delhi Sponsored Project 2016 – 17Adoption of OBAMA Health the care in India
- Doctoral/ post doctoral fellows - Nil
- Students - 02

30. Seminars/ Conferences/ Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any,

Sl. No	SeminarTopic	Year	Funding Agency	Outstanding Participants
1	National Seminar on : "Corporate Reporting –Ethical Practices	2009	UGC-DRS-SAP-I	CA P.R. Ramesh, Delloitte, Mumbai
2	National Seminar on: "Micro Finance – Issue and Challenges	2010	UGC-DRS-SAP-II	Prof. B. Ramesh, Goa University
3	Workshop on: "Stock Market Operation with Live Trading	2012	ICSSR	Sri. Pratap.CAditya, Capital IQ, HYd
4	One-Day Workshop on Emerging Trends in Commerce an Edge	2013	UGC-ICSSR	
5	Five-Day Workshop Accounting Standards with Special Focus on International IFRS	2014	UGC-ICSSR	
6	Two-Day Workshop on Parametric and	2014	UGC-ICSSR	

	Non-Parametric Tests in Research			
7	Global Business – Opportunities and Challenges	2014	UGC-ICSSR	
8	Six Day Workshop on Research Methodology in Commerce and Management	2014	UGC-ICSSR	
9	Commodity Derivative Trading in India – Issues and Concerns	2014	UGC-ICSSR	
10	One-day workshop on commerce lab	2014	UGC-ICSSR	
11	Five Day Workshop on Research Methodology in Commerce	2014	UGC-ICSSR	
12	A talk on Prospective Telanagana – Role of industry and Commerce	2014	Department of Commerce	
13	Vanijya (M.Com Students Meet)	2014	Registration fee collected from all PG College	
14	University Industry Meet	2014	12th Plan – UGC- II Instalment Scheme	
15	Financial Inclusion & Entrepreneurship Opportunities for SC & ST	2015	DICCI, UCCC	
16	New Age Business Accounting with Tall. ERP 9"	2015	Registration Fee Collected from the Students	
17	Annual Departmental Conference of PG Teachers' of Commerce – 2013	2015	-	
18	Annual Departmental Conference of UG Teachers' of Commerce - 2013	2015	-	
19	Praveshika (Induction Programme)	2015	-	
20	Prerana	2015	Registratrion Fee	
21	Five – Day Workshop on "Preparation of Project Report"	2015	ICSSR	
22	South India PG Commerce Students Meet	2016	Registration Fee Collected from the Students	
23	Two-Day National Seminar on Role of Insurance in Financial Inclusion in Collaboation with Insurance Institute of India, ICAI	2016		
24	Two-Day National Seminar on "Fradulent Financial Practices in Indian Capital Market – Issues and Concerens	2016	UGC- ICSSR	
25	Faculty Development Programme under the Banner of UDDEPANA	2016		

31. Code of ethics for research followed by the departments:

a) Ph.D admissions are made after the evaluation of candidate's ability in the research area

b) Ph.D works are regularly monitoring by conducting 4 seminars during the course period and also interacting with the research scholars regularly.

32. Student profile course – wise:

Name of the Course (refer to question no.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Com	8000	60	30	50	40
M.Com (IS)		30	15	45	45
PG Diploma in Taxation		30	15	40	40

33. Diversity of students

Name of the Course (refer to question no.4)	% of students from the same university	% of students from other universities within the State	% of students from other universities outsides the State	% of students from other Countries
M.Com	59	30	1	10
M.Com (IS)	50	47	Nil	3
PG Diploma in Taxation	60	40	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category – wise.

NET – 55 Students

JRF – 6 Studnets

35. Student progression

Student progression	Percentage against enrolled
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	10
Ph.D. to Post – Doctoral	01
Employed • Campus selection • Other than campus recruitment	70 20
Entrepreneurs	10

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	75
from other universities within the State	25
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period Nil

38. Present details of infrastructural facilities with regard to

a) Library - Yes
b) Internet facilities for staff and students - Yes
c) Total number of class rooms - 04
d) Class rooms with ICT facility - 04
e) Students' laboratories - 01 (Computer Lab)
f) Research laboratories - --

39. List of doctoral, post – doctoral students and Research Associates

a) From the host university:

Prof. H. Venkateshwarlu

Sl. No.	Name of the Ph. D. Scholar	Batch
1	B. Rama Krishna	2009-10
2	V. Ramchandra Murthy	2009-10
3	M. PandyaNaik	2009-10
4	K. Mahender	2010-11
5	N. B. Vasanth Kumar	2010-11

Prof. P. PurushothamRao

Sl. No.	Name of the Ph. D. Scholar	Batch
6	J. Seenaiah	2009-10
7	RuaiyyaParveen	2009-10
8	G. Divisha	2010-11
9	V. Durga Prasad	2010-11

Prof. K. Shankaraiah

Sl. No.	Name of the Ph. D. Scholar	Batch
10	N. Ranga Reddy	2009-10
11	S. Nagamani	2009-10
12	Syed Masood	2010-11

13	D. Mahipal	2010-11
14	M. Brahmaiah	2010-11

Prof. S.V. Satyanarayana

Sl. No.	Name of the Ph. D. Scholar	Batch
15	S. Narsimhulu	2009-10
16	M. Saritha	2009-10
17	T. Peddanna	2010-11
18	Sri Lakshmi	2009-10
19	Mohd. Azmat Ali	2009-10

Prof. D. Chennappa

Sl. No.	Name of the Ph. D. Scholar	Batch
20	M. RameshwarRao	2009-10
21	D. Satish	2009-10
22	Ramavath Ravi	2009-10
23	S. AnithaJyothi	2009-10
24	A. Dayakar	2010-11

Prof. G. Laxman

Sl. No.	Name of the Ph. D. Scholar	Batch
25	V. Ravi	2009-10
26	M. Gopi Krishna	2009-10
27	T. Sunitha	2009-10
28	A. Balachandram	2009-10
29	B. Sumalatha	2010-11
30	A. Kavitha	2010-11
31	HoseinAsgariAlouj	2010-11
32	B. Krishna Veni	2010-11
33	P. Chandrika	2010-11

Prof. B. Raja Ratnam

Sl. No.	Name of the Ph. D. Scholar	Batch
34	M. BalChander	2009-10
35	J. Rajeeru	2009-10
36	RamvathSreenu	2009-10
37	BhukyaLalu	2010-11
38	N. Suresh	2010-11

Prof. V. Appa Rao

Sl. No.	Name of the Ph. D. Scholar	Batch
39	G. Kranthi Kumar	2009-10
40	T. Hareesh Kumar	2009-10
41	Ali Habibi	2009-10
42	M. Krishnaiah	2010-11

Prof. V. UshaKiran

Sl. No.	Name of the Ph. D. Scholar	Batch
43	Ch. Rajeshwari	2009-10
44	N. Jaya Sree	2009-10
45	MaschenderGoud	2009-10
46	K. Sandhya	2009-10
47	Tulja	2010-11
48	K. Tyagaraju	2010-11
49	S. Chiranjeevi	2010-11

Prof. G. Naresh Reddy

Sl. No.	Name of the Ph. D. Scholar	Batch
50	T. Swamy	2009-10
51	Ahmad Feizizadeh	2010-11
52	AsiyaJabeen	2010-11
53	O. Satish	2009-10
54	V. Sreeshailam	2010-11
55	A. Manjula	2010-11
56	T. Venkataiah	2009-10

Prof. K. V. Achalapathi

Sl. No.	Name of the Ph. D. Scholar	Batch
57	B. Shailaja	2010-11
58	D. Raj Gopal	2010-11
59	Md. Suleman	2010-11
60	P. Balaramudu	2010-11
61	K. Anjaneyulu	2010-11

b) From other universities: Nil

40. Number of post graduate students getting financial assistance from the university.

One Hundred and Twenty students belongs to SC, ST and BC are availing scholarship from the department of social welfare, Govt. of A.P.

41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.

New courses / programmes are designed by taking opinions from industry experts.

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching – learning – evaluation? If yea, how does the department utilize the feedback?

Yes, Feedback collected thorough Annual Departmental Conference of Commerce Teachers to utilize the same in designing new courses and modifying existing courses.

b) Students on staff, curriculum and teaching – learning – evaluation and how does the department utilize the feedback?

Students' Feedbacks are used for the improvements

c) Alumni and employers on the programmes offered and how does the department utilize the feedback?

The inputs are given due weight age while furnishing the syllabi of different courses offered by the department.

43. List the distinguished alumni of the department (maximum 10)

a. Dr. Y.V. Reddy, Ex Governor, RBI, Mumbai
b. Sri M. Jagadeshwar , IAS, Govt. of Andhra Pradesh
c. Sri Srinivas Reddy, IPS, Govt. of Andhra Pradesh
d. CA P.R. Ramesh, Vice-President Delliote, Mumbai

44. Give details of student enrichment programmes(special lectures/ workshops / seminar) involving external experts.

Seminar Presentation, Workshops are conducted

45. List the teaching methods adopted by the faculty for different programmes.

a) Computer aided teaching: ICT enabled teaching

b) Project work at PG level (PG Research)

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

a) Syllabus Completion; student mentoring system

b) Evaluation of student performance

47. Highlight the participation of students and faculty in extension activities.

a) Blood Donation

b) Tree Plantation

c) Financial Literacy Programmes

48. Give details of "beyond syllabus scholarly activities" of the department.

a) Field Visits

b) Communication Skills Improvement programmes as per the corporate requirements

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. --

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

The Department is running several streams of commerce courses at both undergraduate and post graduate levels catering to about 1,40,000 undergraduate students and to about 1,500 post graduate students. The Department has been in the forefront in responding to the industry needs by swiftly devising new courses or revising the syllabi of existing courses so as to make students industry-ready.

The Department achieved excellent placements for M.Com students through its own placement cell. The Department is quick in responding positively to the industry requests for MOUs and has to its credit three MOUs with Tally, GENPACT and ICICI Bank.

The Department well recognized the need for Computer education and introduced a decade back itself, computer subjects at both under graduate and post graduate levels of Commerce courses. It has the credit of offering a perfect blend of Information Technology with Commerce core subjects in such an inseparable fashion that use of computers by faculty and students is made indispensable while learning commerce subjects. Further, the Department introduced computer and commerce lab as a part of the curriculum and assessment to expose the commerce students to the practical knowledge and environment. The Department is always in the fore front in leading other Institutions in the State in designing the common-core syllabus at under-graduate level and showing a new direction to educational institutions from time to time. The premier and unique master programmes like, M.Com (Finance), M.Com (Marketing), M.Com (Accounting), M.Com (Taxation), M.Com (Information Systems) and PG Diploma in Taxation, are designed to suit the needs of the corporate world and various programmes like, Spoken English to help the students with regional medium in improving their communication skills, personality development programmes, seminars etc are being conducted to enhance their employment opportunities in various sectors.

The Department provides the academic leadership in organizing training programmes for the trainers i.e. the Commerce teachers of about 300 colleges under the control of Osmania University, by regularly conducting the training programmes in the new subjects and in new teaching techniques, through its own Training Wing. Exposing students to the knowledge and experience of distinguished personalities from Chartered Accountancy firms, Institutes of Cost &Management Accountants, Company Secretaries, Software Industries, Police Department, Civil Services, Banks, Insurance companies etc. is a regular feature in their course curriculum.

Provision of Internet facilities through WiFi round the clock, use of Audio-visual aids in the class rooms, conduct of Group discussions, Case studies, Role-plays, Mock-interviews etc., Interaction of Student counselors with students for frequent sharing of views and problems and guiding them throughout their course period are some of the student development activities of the Department.

Project Report preparation by studying a researchable topic in a firm or taking up a burning issue related to Finance / Marketing / Accounting / Human Resource Management and analyzing it by survey method, by using appropriate statistical tools, whereby offering useful suggestions to the industry world, is a challenging task carried out with success by the senior students, which is applauded by the Industry experts who evaluate them. This exercise is at times providing corporates with an opportunity to spot the merit and absorb them in their own firms.

The Department of Commerce does not create students in its own image, but develops students who can create their own image. One of the living examples is Dr. Y. Venugopal

Reddy who took his Doctorate degree from Commerce Department and rose to the highest position as Governor of RBI, India.

The Department is rich by its robust faculty, some of whom are Best Teacher Awardees by the A.P. State Government and other reputed national and international repute societies. Many of the faculty are Presidents, Executive Vice-Presidents, and Executive Council Members in the national bodies like All India Accounting Association, Indian Institute of Public Administration, All India Commerce Association etc. serving and spreading, nationally and internationally, the cause of Commerce education. The Department is proud of its faculty who visited foreign countries to present research papers and to chair technical sessions in the International Seminars and to take up teaching and research assignments on academic exchange programmes and who published several research papers in the International journals and who are on the Editorial board of international journals and Board of Studies of prestigious Institutes.

The department also runs an internationally reputed Quarterly Journal "OU Journal of International Business Studies".

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

a. Highly qualified, well reputed, knowledgeable and experienced Faculty
b. Computer Aided Teaching (CAT)
c. Updated course curriculum focusing on computer / commerce lab
d. Practical Oriented Teaching
e. Research Activities and project reports

Weaknesses:

a. Inadequate Class Rooms
b. Inadequate computer lab facilities
c. Inadequate permanent support staff

Opportunities:

a. Tie-up with professional bodies such as ICAI, ICMI, ICSI
b. Potential Demand for Corporate courses
c. University Industry Interaction
d. Demand for Teaching / Non-Teaching Man power
e. Attracting international students

Challenges:

a. Improving of Communication Skills of Students from rural areas
b. Balancing Indian and International Students
c. Developing corporate required commerce related skills
d. Providing internships

52. Future plans of the department.

Reaching the Corporate Goals

Planning to introduce the PG Diploma in International Financial Reporting Standards (IFRS) approved in Standing Committee.

Department of Education

1. Name of the Department : Education (IASE)
2. Year of establishment : 1928
3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Education

4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   B.Ed in Education (2) years 4- semesters

   M.Ed in Education (2) years 4-Semesters

   Ph.D in Education

5. Interdisciplinary courses and departments involved:

   Yes

   Since Education course itself is inter disciplinary in nature, the Course requires faculty with various disciplinary backgrounds to train pre-service teachers in different school subjects like Sciences, Mathematics, Physics, Botany, Zoology, Chemistry etc., Similarly, Social Sciences and Arts. Like; Sociology, Philosophy, economics, History, Political Sciences etc., Language methods (English literature, Telugu Literature, Hindi Literature etc.,) thus the teacher present in the department and the programme itself is interdisciplinary in nature.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   Nil

7. Details of programmes / courses discontinued, if any, with reasons. Nil
8. Annual/Semester/Choice Based Credit System

   B.Ed and M.Ed Semester/Choice Based Credit System (Four Semesters).

9. Participation of the department in the courses offered by other departments: Yes
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor	6	4
Associate Professor	6	--
Assistant Professor	8	7

11. Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5years
Prof. K. S. Sudheer Reddy (Retd. October 2015)	M.A., M.Ed., Ph.D.	Professor	Special Edn. &Ednl. Psychology	32	9
Prof. C. Madhumathi	M.A, M.Ed., M. Phil, Ph.D.	Professor	Sociology of Edn. Non-Formal Edn.	25	9
Prof. P. Ayodhya (Retd. 2012)	M.A (Sociology) M.Ed M.Phil, Ph.D Education	Professor	Sociology of Education Non- Formal Education	24	4
Prof. A. Ramakrishna	M.Sc., M.Ed., M.Phil, Ph.D.	Professor	Bio-Science Methods & Environmental Education	25	4
Prof. T. Mrunalini	M.Sc., M.Ed., M.A., M.Phil, Ph.D.	Professor	Philosophy of Education and Curriculum Development	24	4
Prof. M. SakkuBhavya (Retd. 2016)	M.A., M.Ed., Ph.D.	Professor	School Admn. & Social Studies Method	24	--
Prof. D. Balaramulu	M.A., M.Ed., Ph.D.	Professor	School Management. & Systems of Education, Tribal Education, Teacher Educatio	19	1
Dr. Shahanaz Begum	M.A, M.Sc., M.Ed.,	Assistant Professor	Psychology and Social	9	--

	M.Phil		studies		
Dr. Ravinderanath K Murthy	M.Sc., M.A., M.Phil., Ph.D.	Assistant Professor	Psychology, Mathematics, Management	9	--
Dr.D. Sunitha	M.Sc, M.A, M.Ed , Ph.D	Assistant Professor	Educational Psycholog y &Special Education	3	--
Dr. J. Lalitha	M.A.M.Ed, Ph.D	Assistant Professor	Educational Philosophy &Educational Administration Management and Finance	3	--
B. Sujatha	M.A, M.Ed.	Assistant Professor	Educational Psychology, Guidance and Counseling & Science Education.	3	--
G. Durgesham	M.A, M.Ed, NET	Assistant Professor	Language Education (English) & Inclusive Education.	03	--
Dr. P. Shankar	M.Sc, M.Ed, Ph.D	Assistant Professor	Science Education &Elementary Education	3	--
Dr. D. Dhrama Teja	M.Sc. M.Ed. LLB, Ph.D	Contract Faculty	Pedagogy of Mathematics	20	
Mrs. Sulochana James	M.Sc. M.Ed	Contract Faculty	Pedagogy of Physical Science	12	
Dr. B. Bhagyamma	M.A, M.Ed. Ph.D	Contract Faculty	Educational Psychology	12	
Dr. G. Madhukar	M.A, M.Ed. Ph.D	Contract Faculty	Educational Psychology	12	
Dr. J Krishnaiah	M.A, M.Ed. Ph.D	Contract Faculty	Pedagogy of Telugu	10	

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors.

Prof. M. Sree Rama Murthy Emeritus Professor

13. Percentage of classes taken by temporary faculty – programme-wise information

B.Ed 35%

14. Programme-wise Student Teacher Ratio

B.Ed 6.25:1

M.Ed 5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Sl No	Degignation	Sanctioned	Filled
1	Library Assistant	1	1
2	Book Keeper	1	-
3	Office Subordinate	2	2
4	Cycle Orderly	1	1
5	Ayah	1	2
6	Kamatan	1	1
7	Kamati	1	1
8	Steno-II	1	-
9	Sr. Assistant	4	1
10	D.E.O	2	2
11	Lab Attendant	2	1
12	Watch Man	2	3
13	Hardware Technician	1	1

16. Research thrust areas recognized by funding agencies:

Teacher empowerment – RVM (SSA)

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

1. Rs.6,80,000/-UGC MRP (2010-13)
2. SSA (Telangana) 3 lakhs & One year 2014-2015
3. SSA (Telangana) 4 lakhs & One year 2014-2015
4. NUEPA 4.4 Lakhs, 2015

18. Inter-institutional collaborative projects and grants received: -Nil-

b) All India collaboration b) International

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT,

ICSSR, etc.; total grants received. -Nil

20. Research facility / centre with -

- state recognition
- national recognition IASE (MHRD)
- international recognition Microsoft Collaborative Technology training for all teacher educators for capacity building.

21. Special research laboratories sponsored by / created by industry or corporate bodies. Nil

22. Publications:

Articles	:	34
Chapters in Books	:	13
Edited Books	:	09
Books (Co-author)	:	15
Books	:	07

Chapters in Books:

Prof. D. Balaramulu

1. Balaramulu, D. Gurunadha Rao, U. (2012) " Role of Education in Human Conflict Management and prevention" Education a panacea for Human conflict management (Editor in chief Dr.G Visvanathan), OmsakthiPathippagam, Rasi printers publications, Sivapuri Road, Annamaliainagar pp-142-146, ISBN-978-81-920944-1-0
2. Balaramulu,D. Venumadahv,D. Raja Reddy, G. (2012) " Life Skill Education Visa-A-Vis Challenges of conflict Management" Education A panacea for Human conflict Management A Panacea for Human conflict Management (Editor in Chief Dr.G. Visvanathan), OmsakthiPathippagam, Rasi Printers Publications, Sivapuri Road, Annamalainagar, pp-147-149, ISBN : 978-81-920944-1-0.
3. Srinivas, K. Balaramulu,D. (2012) " Global initiative for mitigation of human conflict in context of peace and conflict studies Education A Panacea for Human conflict Management A Panacea for Human conflict Management (Editor in Chief Dr.G. Visvanathan), OmsakthiPathippagam, Rasi Printers publications, Sivapuri Road, Annamalainagar, pp-596-598, ISBN: 978-81-920944-1-0
4. Essentials' of the Fundamental Right to Education in India. Book entitled with Right to Education: Issues & Challenges. Pragma Publications Hyderabad [ISSN:2319-9725] **ISBN No:** 978-81-926678-6-7
5. **Editor,** B.Ed Course material, Foundations of EducationDirectorate of Distance Education, Srikrishna Deveraya UniversityPaper Code-CD-921.
6. Editor, B.Ed Course material School management and Issues in Education, Directorate of Distance Education, Srikrishna Deveraya University

7. Editor, B.Ed Course material Methods of Teaching Social Studies, Directorate of Distance Education, Srikrishna Deveraya University

Book: Edited

Prof. Avvaru Ramakrishna (2012) Book : Editted- Methodology of Teaching Life Sciences, Pearson Education, New Delhi.(2012), ISSN: 978-81-317-7119-8

Books with ISBN with details of Publishers:

Prof. K.S. Sudheer Reddy

Psychology of Teaching & Learning 2014, Telugu Academy

Prof. C. Madhumathi

Foundations of Education, 2014, Telugu Academy, Hyderabad, ISBN No. 818180203-9

Prof. A. Ramakrishna

(i) ICT in Education Telugu Academy, 2014, ISBN No. 818180206-3, Author and Editor

(ii). Disaster Management Education, 2014 Dr. B.R. Ambedkar Open University, Hyderabad

(i) ICT in Education, Neel Kamal Publications.2014. ISBN 978818316530 – 3.

(ii) UGC Sponsored National Seminar Proceedings- Classroom of the Future: Interplay of Educational Psychology and Technology. Co-author: Title: Techno Pedagogy of the Future Classroom. Norm Distance Education Module o ICT

Prof. T. Mrunalini

(i) Curriculum Development2012, Pearson publishers. ISBN: 978-81-317-7301

(ii) Foundations of Education, Telugu Academy, 2014

(iii) Disaster Management Education, 2014 Dr. B.R. Ambedkar Open University, Hyderabad

(iv) ICT in Education, Neel Kamal Publications.2014. ISBN 978818316530 – 3

(v) ICT in Education, Neel Kamal Publications.2015.

(vi) Life skills education, chettisgargh,Edusearch,
Author & Editor : Philosophical perspectives in Education, Neel Kamal Publications ISBN: 978-93-85877-47-6

(i) Philosophical perspectives in Education,Neel Kamal Publications.2016

Prof. SakkuBhavya

Social Studies methodology, Neel Kamal Publication. 2013.

23. Details of patents and income generated -Nil

24. Areas of consultancy and income generated –Nil

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad -Nil –

26. Faculty serving in

a) National committees: NCTE members :Prof. V. Sudhakar (2011-12)
b) International committees: --
c) Editorial Boards: 1). Prof. A. Ramakrishna, Edusearch(2011-12)
2). Prof. V. Sudhakar – Eductraks(2011-12)
d) any other (please specify) ---

27. Faculty recharging strategies:

Participation in Refresher courses, Seminars, Workshops

Conferences/Workshops:	64
Refresher/ Orientation Courses:	08
STTP/FDP:	07

28. Student projects :

- percentage of students who have done in-house projects including inter-departmental projects : 100 %
- percentage of students doing projects in collaboration with other universities / industry / institute : Nil

29. Awards / recognitions received at the national and international level by

- Faculty -- 3 Ph.D's
- Doctoral / post doctoral fellows -- 20(Ph.D) 4 (P.D.F)

30. Seminars/ Conferences/Workshops organizepd and the source of funding (national / international) with details of outstanding participants, if any.

- A Three day workshop on "School Leadership Training Programme" during 11th – 13th October, 2012.
- APSCHE and UGC sponsored two day National seminar on "Reforms in Examination: A Higher Education Perspective" 30th and 31st January, 2012.
- One-day Symposium on 150th Centenary Celebration of Madan Mohan Malaviya" on 12th December, 2012
- Organized workshop for Two – days on 29th& 30th March, 2012, Titled: "Curriculum Revision for B.Ed Course "for Professional improvement of B.Ed College Teachers.
- Two Day National Seminar Sponsored by ICSSR on "Child Rights Practices in Schools" on 28th and 29th December, 2011, at IASE, OU.
- Two day seminar sponsored by ICSSR on "Practices and initiatives of technologies in teaching-learning 6-7th Feb 2013.at IASE, OU.
- Two- day workshop on " curriculum Revision for B.Ed course on 29-30 Marcch, 2012

- One week workshop on Research methods & Data analysis in education, 2-9 December, 2013.
- Two-day Orientation Programme on B.Ed. Curriculum 2013-14 for Osmania University and Telangana University, 6-7 November, 2013.
- Two-day Orientation Programme on B.Ed. Curriculum 2013-14 for Mahatma Gandhi University and Palamuru University, 11-12 November, 2013.
- Three-Day Orientation Programme for Teacher Educators on Lesson Planning, CCE, Digital (Technology Integrated) Lessons, 22-14 January, 2014.
- One-Day Workshop on Communicative Skills for Teacher Educators, March 1, 2014.
- National Seminar on Women Education and Empowering Strategies National, on 28th& 29th ,March, 2014, sponsored by ICSSR
- Women Status in India – Today State in connection with International Women's day on 08-03-2014 on 6th march Teaching faculty, IASE. O.U
- Workshop on CCE Method, Dept. of Education and SCERT on 22nd January, 2014
- Two Day International Conference OnDeveloping Thinking and Learning with ICT: Changing Education for Future Needs(Sponsored by UGC and TSCHE)29th& 30th May, 2016Venue: IICT Auditorium,
- IICT, Hyderabad.Organised byDepartment of EducationOsmania UniversityHyderabad.
- One day National Conference on Right to Education : Issues & Challenges on 4th January, 2014 at 10:00 am
- Two Day Workshop on Two Year B.Ed Curriculum 19th& 20th June 2015 Venue: IASE, Seminar Hall, Institute of Advanced Study in Education Department of Education, Osmania University, Hyderabad
- Two -Day National Seminar on Teacher Education: Issues, Concerns and Challenges 24 - 25 October 2015, Dept. of Education, Osmania University, Hyderabad
- Two Day Workshop on Two Year B.Ed Curriculum, 19th& 20th June 2015, Venue: IASE, Seminar Hall, Institute of Advanced Study in Education , Department of Education, Osmania University, Hyderabad.
- Two Day Workshop on Two Year M.Ed Curriculum, 23rd& 24th June 2015, Venue: IASE, Seminar Hall, Institute of Advanced Study in Education , Department of Education, Osmania University, Hyderabad
- National Seminar On Two Year Teacher Education Curriculum: Practices and Reflections of StakeholdersDepartment Of Education Institute Of Advanced Study In EducationOsmania University, Hyderabad29th & 30th, July, 2016

- Telanganaku Haritha Haram Institute Of Advanced Study In Education Department Of Education, Osmania University Hyderabad Friday, 22-07-2016.

Resource person / chaired the session in Training programmes/ Workshops / Seminars

Prof. K. S. Sudheer Reddy

1. Two-Day B.Ed Model Curriculum on 11th Nov. 13, Palamuru University, Mahabubnagar& Mahatma Gandhi University, Nalgonda, APSCHE, Resource Person

2. Two-Day B.Ed Model Curriculum on 20th Dec, 2013, Kakatiya University, Warangal, APSCHE, Resource Persons

3. Two-Day B.Ed Model Curriculum on 27th Dec, 2013, Shatavahana University, Karimnagar, APSCHE, Hyderabad.

Prof. C. Madhumathi

1. Two-Day B.Ed Model Curriculum on 11th Nov. 13, Palamuru University, Mahabubnagar& Mahatma Gandhi University, Nalgonda, APSCHE, Resource Person
2. Two-Day B.Ed Model Curriculum on 20th Dec, 2013, Kakatiya University, Warangal, APSCHE, Resource Persons
3. Two-Day B.Ed Model Curriculum on 27th Dec, 2013, Shatavahana University, Karimnagar, APSCHE, Hyderabad.
4. One day National Conference on Right to Education : June, 4th, 2014, IASE, O.U, Chaired session
5. National Seminar on Education for Women : Empowering Strategies, 28th & 29th March,2014 I.A.S.E, O.U, ICSSR, Chaired session

Prof. A. Ramakrishna

1. Resource person for "Information and Communication Technology in Education" on 20 12 -2013 in a 3-day Orientation –cum-Workshop on the B.Ed. Model Curriculum – 2013 for Teacher educators of B.Ed. colleges under Kakatiya and Satavahana Univ. from 20 – 22 December 2013 at Fatima College of Education, Warangal.
2. Resource person for "Information and Communication Technology in Education" & a Key note speaker on 30 – 01 -2014 in a 2-day Orientation Programme on the Revised Lessons Plans, ICT, CCE to Teacher educators of B.Ed. colleges under Palamuru Univ. at Dept. of Education, Palamuru Univ. Mahabubnagar.
3. Resource person for "Information and Communication Technology in Education" on 03 – 02 -2014 in a one-day Orientation on the B.Ed. Model Curriculum – 2013 for Teacher educators of B.Ed. colleges under Rayalaseema Univ. at Dept. of Education, Rayalaseema Univ. Kurnool.
4. Resource person for "Information and Communication Technology in Education" on February 2014 in a 2-day Orientation –cum-Workshop on the B.Ed. Model Curriculum – 2013 for Teacher educators of B.Ed. colleges under Mahatma Gandhi Univ. at Dept. of Education, Nalgonda.

5. Chaired a session in Two– day National Seminar on "Role of Autonomy and Quality Assurance in Teacher Education" organised by College of Teacher Education, Andhra Mahila Sabha, Hyderabad on 26 – 03 – 2014.
6. Chaired a session in One – day National Conference on "Right to Education: Issues & Challenges" organised by Dept. of Education, Osmania University, Hyderabad on 04 – 01 – 2014.
7. Chaired a session in Two– day National Conference on "Human Rights Education" organised by Univ. College of Law, Osmania University, Hyderabad during December 2013.

Prof. T. Mrunalini

1. Two-Day B.Ed Model Curriculum on 11th Nov. 13, Palamuru University, Mahabubnagar& Mahatma Gandhi University, Nalgonda, APSCHE, Hyd.
2. Two-Day B.Ed Model Curriculumon 20th Dec, 2013, Kakatiya University, Warangal, APSCHE, Hyd.
3. Two-Day B.Ed Model Curriculum on 27th Dec, 2013, Shatavahana University, Karimnagar, APSCHE, Hyderabad.

Prof. M. SakkuBhavya

Orientation on Teacher Educators on New Curriculum: Action Research on 12th and 13th May, 2014.

Prof. D. Balaramulu

1. One day National Conference on Right to Education: Issues & Challenges 4th January, 2014
2. One day National Conference on Right to Education: Issues & Challenges, The 'Essentials' of The Fundamental Right to Education in India:", Department of Education, Osmania University Hyderabad on 4th January, 2014
3. Two day National Seminar on "Education for Women : Empowering Strategies, Women Empowerment and Education Enlightening the New Generation in Gender Specific Perspectives on 28th and 29th March 2014.

31. Code of ethics for research followed by the departments.

As per UGC and University Norms

32. Student profile course-wise:

All the seats at M.Ed / B.Ed filled by the B.Ed through State level Entrance Test and M.Ed University Entrance Test

Name of the Course (refer to question no. 4)	State level Entrance test through counseling allotted	Allotted		Pass percentage	
		Male	Female	Male	Female
B.Ed (2010-2011)		95	67	95	95
B.Ed (2011-2012)		100	67	95	95

B.Ed (2012-2013)		89	72	95	95
B.Ed (2013-2014)		90	68	80	99
B.Ed (2014-2015)		95	68	85	95
B.Ed (2015-2016)		50	47		
M.Ed (2011-2012)	**Through State Level PG CET**	21	14	100	100
M.Ed (2012-2013)		22	12	100	100
M.Ed (2013-2014)		21	15	100	100
M.Ed (2014-2015)		22	13	98	100
M.Ed (2015-2016)		32	18		
Ph.D (2008-2009)	**Through NET, SLET**	11	18		
Ph.D (2009-2010)		47	44		
Ph.D (2010-2011) (2012-2013)		24	17		

33. Diversity of students : All categories of students as per the research rules

Name of the Course (refer to question no. 4)	**% of students from the same university**	**% of students from other universities within the State**	**% of students from universities outside the State**	**% of students from other countries**
B.Ed (2011-2012)	70	30	Nil	Nil
B.Ed (2012-2013)	70	30	Nil	Nil
B.Ed. (2013-2014)	75	21	Nil	4
B.ED (2014-2015)	60	30	07	03
B.Ed (2015-2016)	60	40	--	--
M.Ed (2011-2012)	90	10	Nil	Nil
M.Ed (2012-2013)	90	10	Nil	Nil
M.Ed. (2013-2014)	100	Nil	Nil	Nil
M.Ed (2014-2015)	75	23	--	02
M.Ed (2015-2016)	75	25	--	--
Ph.D (2008-2009)	80	20	Nil	Nil
Ph.D (2009-2010)	80	15	Nil	5
Ph.D (2010-2011) (2012-2013)	90	5	Nil	5

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET	Male					Female				
	OC	BC	SC	ST	T	OC	BC	SC	ST	T
2008-2009 (2010-2011)	-	1	2	-	3	3	-	-	-	3
2009-2010 (2011-2012)	-	5	4	-	9	3	3	2	-	8
2010-2011 (2012-2013	1	5	1	1	8	3	5	3	-	11
SET (2010-2011)	1	-	-	-	1	-	-	-	-	-
NET (2013-2014)		2		1						
(2014-2015)										
(2015-2016)										

35. Student progression :

Student progression	Percentage against enrolled
UG to PG	15
PG to M.Phil.	--
PG to Ph.D.	10
Ph.D. to Post-Doctoral	--
Employed • Campus selection • Other than campus recruitment	 15 20
Entrepreneurs	5

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	75
from other universities within the State	12.5
from universities from other States	12.5
from universities outside the country	-nil-

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period Nil

38. Present details of infrastructural facilities with regard to :

a) Library

Total Books	: 17429
Total titles	: 3745
M.Phil, Ph.D	: 367
Journals	: 25
News Papers	: 6
Back volumes	: 44
Computers	: 03

b) Acquisitions : 1) Library Automation done

c) Digitisation : 2) Library Literacy Programme to New Student Academic Wise

d) Library Automation : 3) Facilities like Access Internet providing, E- resources, i.e Journals e- books & E- Information for the reader

4) Providing IASE Library OPAC created in the Library for the retrieval of information

5) In all the Feature transactions in the New General Library software

6) The Library is running with skeletal of staff we require

(6) Six Library Professional which consists of 1 Assistant Librarian 2 Library Assistants 2 Professional Assistant 2 Keeper and 1 Library Attendant are very most required for Digitization of IASE, Library We required infrastructure, manpower for digitization of the Library.

b) Internet facilities for staff and students:

- Library has 3 systems with internet connectivity for using online journals and other resources
- All the regular staff members are provided a system with internet connectivity and printer
- All the students pursing Ph.D have access to computer lab where internet connectivity is provided for research, online journals towards research.
- Office is also provided with systems, printers and internet connectivity.

c) Total number of class rooms: Eight (8)

d) Class rooms with ICT facility:

Two (2) rooms with electronic white boards and all other class rooms have facility to use LCD. Three (3) LCD projectors, 2 Seminar Halls, Computer Lab with 36 systems

e) Students' laboratories: Four (4)

1). Science Lab

2). Social Studies Lab

3). Computer Lab

4). Psychology Lab

f) Research laboratories: Nil

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university

2010-2011

Sl. No.	Name of Scholar	Sl. No.	Name of Scholar
1	Ms. Hena Fatima – JRF	10	Mr. R. Raju
2	Mr. M. Kishor	11	MR. L.R. AnithaKumari
3	Ms. G. Karpagam	12	Mr. D. Mahesh
4	Ms. B. Prameela	13	Ms. AsmaNikhat
5	Ms. T. Sheba Rani	14	Mr. Mohd. Yakub
6	Ms. Deepa Suresh Palsikar	15	Mr. MalothuSeva
7	Ms. Umme Salma	16	MS. B. Viswakala
8	Ms. S. S. Chandrika Devi	17	Ms.B. Madhavi
9	Ps. P. Jyothi		

2010-2011

S.No.	Name of the scholar
1	N. Rajashekar --JRF
2	D. Suparna -- JRF

2011-2012

Sl.No.	Name of Scholar
1.	P. Srinivasa Dasu
2	G. Sridevi

2013-2014

S.No.	Name of the Scholar	Caste
1	Mr. Jawaharlal Tejavath UGC-JRF	ST
2	Mr. Jainpuram Nagabhooshanam UGC- JRF	BC-D
3	Mr. Surender Bhukya RGNF	ST
4	Mr. P. Vishnu RGNF	SC
5	Mr. Kurimeti Dayakar RGNF	SC

Awarded Ph.D

S.No.	Name of research scholar	Year	Subject	Research Topic	Supervisor
1.	Mrs. G. Srilatha	2015	Education	Implementation of Computer Education Programe in the Secondary Schools of Warangal District – An Evaluative study	Dr. B. Krishna Reddy
2	Ms. K. Ashalatha	2015	Education	Environmental Awareness and Attitude Among Secondary Schools Students – A Study	Dr. N. Samuel Babu
3.	Mr. B. Surendar	2015	Education	Study of Teaching Competencies in Mathematics among Secondary School Teacher	Prof. K.S. Sudheer Reddy
4.	Mr. M. Ravi Babu	2015	Education	The influence of learning styles and study habits on the Academic Performance of Secondary school students	Prof. C. Madhumathi
5	Ms. Farzana	2015	Education	An in-depth study of the problems of Teacher working in Urdu Medium primary schools in achieving objectives of SSA, with special reference to Hyderabad District in A.P.	Prof. K. Sudhakar Rao
6	Mr. P. Sudhakar Reddy	2015	Education	Implementation of Learning Enhancement Strategies in School Education	Prof. C. Madhumathi
7	Mr. N. Ayyub Hussain	2015	Education	A Study of Vocational Needs and Aspirations of Muslims Minority Girls in Andhra Pradesh	Dr. S.S M. Mazharuddin Faroqui
8	Syed Ibrahim Khaleel	2015	Education	An Evolutionary study on secondary school science	Dr. Ch. Applanaidu
9	Ms. B. Sujatha	2016	Education	Influence of self – concept Academic Anxiety, study Habits Academic Performance of Secondary School children	Prof. P. Ayodhya
10	Ms. P. Jyothi Basu	2016	Education	A study on effects of Organizational climate on teacher effectiveness in teacher education institutions of A.P.	Prof. P. Prasad.
11	Mr. T. Manichander	2016	Education	A Study of Emotional intelligence and Locus of control and their influence on Academic Achievement in intermediate students in Karimnagar District	Dr. B. Krishna Reddy
12	Mr. K. Shankar	2016	Education	Am Evaluation study on Kasturaba Gandhi Balika Vidyalays in Telangana region of Andhra Pradesh	Dr. T. Vijaya Kumar
13	Mr. T. Ramesh	2016	Education	A study Human values among secondary school students in Hyderabad	Prof. K. S Sudheer Reddy

14	Mr. P. Krishna Mohan	2016	Education	A study on cognitive styles of students teacher in relation to their social & Emotional intelligence	Prof. K.S. Sudheer Reddy
15	Ms. Vakkalanka Rajini	2016	Education	A study of Environmental Programmes and practices in schools	Prof. A. Ramakrishna
16	Dr. B. Krishna Redd y	2016	Education	A study on Job satisfaction of special education teachers of Andhra Pradesh in relation to occupational strength and Assignment	Dr. B. Krishna Reddy
17	Mr. G. Durgesham	2016	Education	English Language Learning Strategies used by secondary Schools students	Dr. Katyayini Ratnamala
18	Ms. P. Varuna	2016	Education	Impact of Programmed Learning strategies on Academic Achievement of scheduled caste girls in Telangana	Prof. C. Jangaiah
19	Ms. Udaya Rekha	2016	Education	Teacher efficacy and emotional intelligence of secondary school teachers – A critical study	Dr. K. Katyaini
20	Ms. K. Uma Maheswari	2016	Education	Attitudes of Secondary School Students towards ICT literary and use in Andhra Pradesh	Prof. D. Balaramulu

b) from other universities: -Nil-

40. Number of post graduate students getting financial assistance from the university.

Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology

1. Local level workshops are held at the respective colleges with staff and students
2. University level workshops is conducted at the University level with feed back from colleges (Students and Staff)
3. With a core committee at the department will finalize (based on the feed back taken from colleges).

42. Does the department obtain feedback from

d. faculty on curriculum as well as teaching-learning and evaluation? If yes, how does the department utilize the feedback: From the students, staff, Teachers from affiliated colleges

1) BOS: Curriculum designed by the expert committees will be approved by the members of BOS, and faculty. The suggestions given by the members of BOS and faculty are taken into consideration while finalizing the curriculum (UG and PG and Ph.D.)

2) feedback is utilized while revising the curriculum, during Evaluation, academic programmes.

3) procuring Teaching Learning Material, equipment, instructions and other facilities like internet, computers provided with internet facility

e. students and staff, curriculum and teaching-learning-evaluation how does the department utilize the feedback?

Feedback from the students is obtained by way of rating scale provided by the university. At the end of programme the same is sent to the university nodal officer. College also analyses and utilizes the results of feedback.

Teachers meeting conducted and the feedback based discussions held and decisions are made to improve academic programme. While revising the curriculum and designing scheme of examination, the teacher selection, and eligibility tests like DSC and TET, NET, SET are taken into the consideration.

f. alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback forms of B.Ed. M.Ed Students already sent to officer on special duty to Vice-Chancellor, Osmania University in the respective year and a copy of the same retained and analyzed to know the feedback on the curriculum transaction, faculty performance.

43. List the distinguished alumni of the department (maximum 10)

1. A. Satyanarayna Reddy - Additional Director, School Education
2. Dr. N. Upender Reddy - consultant School Education
3. Prof. V. Sudhakar - EFL Professor of Education,
4. Chiranjeevulu - IAS (HMDA)
5. Narsimha - DIG (Jails)
6. Dr. Roopa - Working as a teacher at (U.S)
7. Dr. Ravi - Working as a teacher (U.S)
8. Dr.Sudha Rani - Working as a teacher (U.S)
9. Dr.Sheela Anitha - Working as a teacher (U.S)
10. Dr. Dewakar - Working as a teacher (U.S)
11. Dr. Singh - Working as a teacher (U.S)
12. Lakshmi Rajyam - Working as a teacher (Dubai)

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

1) 04-12-2012, Mr. Y. P. Prasad : Psychological Principles of teaching and learning process
2) 01-07-2008, P. SushmaRatnamala : Theories of Motivation
3) 09-09-2009, Sri VenkataRajam : Approaches to Leadership
4) Prof. Padmanabaiah. S : Styles of Research reporting
5) Dr. Renuka : Psychological testing – Demonstrationof conducting Psychological tests

6)	Mr. Suryanarayana	:	Modes of decision making
7)	Prof. Vishwamohan.U	:	Types and sources of review of related literature for research
8)	Prof. I. Rambrahmam	:	Education Policies and Challenges
9)	Prof. MeenaHariharam	:	Experimental Research designs
10)	MeeraPaday	:	Hypothesis testing
11)	Dr. Saroja Arya	:	Multiple Intelligences
12)	Prof. Manmohan Singh	:	Cognitive Psychology

45. List the teaching methods adopted by the faculty for different programmes.

Department of Education conducts UG (B.Ed), PG (M.Ed) and Ph.D. Programmes since this department gives Pre- Service training to the prospective teachers to work in schools, teacher educators to work at colleges of education. The faculty uses various methods of teaching in regular curriculum transaction and also gives training to the prospective teachers and teacher educators. The Conventional and regular methods like Lecture, demonstration, Lecture cum demonstration, experimental, discussion (Penal discussion, small group and large group).

Seminars, other teaching methods, techniques like; Brain Storming, Seminars, role play, multimedia techniques, collaborative, cooperative methods,filed visits, field experience, technology integrated lessons, project based learning, heuristic method, Computer aided learning, problem solving method etc.

Lecture method helps in covering large content in a short duration, It requires good communication skills and explanation with conceptual clarity. Most of the teachers in social sciences use this method which does not require any kind of teaching resources except chalk and task. This develops thinking, analysis, logical sequencing skills in both the teacher and students, it provides students to acquire knowledge, information and provides a lot of space for questioning, clarification of doubts and teacher should be resourceful to teach.

Lecture from demonstration:

This method helps for all disciplines especially while demonstrating either experiment or any other tools manipulation, setting operations, building, making , creating, designing etc., This method develops practical skills in the students and gives more conceptual clarity and ability to perform various tasks on their own.

Discussion

This method provides space to exchange ideas, understand others point of view and develops attention, able to respect others opinions, clarifications are sought through communication, Coordination, listening, focusing on specific issues, presentation etc, skills are developed. Learners take the responsibility and knows about one's strengths and weaknesses.

Experimental Method:

This method is very good but it needs both material resources and teacher expertise and the facilities to provide hands on experience.

It gives an opportunity to develop explorative, innovative, researching and other

such skills. Provides space to come out with new, innovative ideas and to experiment and find out the truth.

Brainstorming:

This provides space for creative thinking, generating new, innovative thinking, helps in finding solutions to the problems. Provides space to ignite the minds and share with others and get new and more innovative ideas and solutions.

Project Method:

This method creates student involvement and self – learning skills. Child develops the capacity to identify a problem and find a solution. Project method develops cooperation, adjustment, interpersonal skills, negotiation skills, exploration, critical analysis of the problem, situational analysis, creative thinking, finding new ways of analysis, solving the problems. These skills help to solve the problems in their day to day life.

Many projects are included in B.Ed and M.Ed curriculum to develop all such skills to empower the student teachers. Problem solving, critical thinking etc., many such methods are used by the teachers in regular classroom teaching and also students are empowered in all such pedagogical skills through training at our Institute.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

B.Ed Learning outcomes:

- Teacher education perspective related to foundation knowledge is provided through core papers.
- Pedagogical skills are provided through the methodology papers
- Teaching competencies and skills, are ensured though Micro-teaching (Simulated teaching at college level) and Internship (Practice Teaching) in the schools to provide realistic hands on experience by teaching different school subjects respectively (as per the subject background of the students)
- Various projects like: Life skills, Case Study, community, Co-Curriculum Project, Computer Education Project ensure the skills like, Negotiation, Interpersonal, Communication, computing Skills, skills related to integration of technology in teaching, Literary skills, cooperation, collaboration, demonstration, presentation, dramatization etc.,
- From 2014-2015 onwards as per NCETE (2009) various enhancing professional capacities (EPC's) like self – development, ICT mediation, Reflective reading and art and dram have been introduced.

Evaluation Practices:

- Through descriptive examination (annual exam) with essay, short answer questions, knowledge, understanding and application of the students are evaluated
- Weightage to internal and external examination is (50:50), for theory division and practicum grades are awarded.

- Projects are evaluated internally by the jury of examiners at the college Through presentation by the students (showcasing of the project before the Jury)
- **Mentoring**: Each Mentor is allotted with 10 students to guide, help all through the academic schedule in terms of academic progress, conduct of projects, evaluation of the projects and personal guidance.
- Engagement with the filed and other Rigorous activities 120 days internship programme introduced in 2 years B.Ed programme

M.Ed: Learning Outcomes:

- As Teachers are trained (M.Ed) with teacher education perspective related to foundation knowledge is provided through Philosophical, Sociological, and Psychological perceptive, curriculum designing, and Research methodological perspective is also provided, to enable them to train prospective teachers and create researching skills.
- Seminar, Institutional Study and community Projects in the field and Internship (Teaching B.Ed students) at the college level are provided to ensure various negotiation, interpersonal, communication skills, Teaching skills and also to understand the community and its Involvement and participation in the education process.
- Researching skills are developed through the dissertation (research project/ Monograph) by way of conducting an empirical research in the areas of school and teacher education.

Evaluation:

- Semester end exam with descriptive tests are conducted (external exam). Internal assessment Presentations, Seminars, projects are evaluated by the Jury at the college level through showcasing of projects and seminar presentations and reporting (Internal exam)
- Grading and credit system adopted
- Tools courses, skill based courses, professional competency based course, internship at pre- service teacher education institution introduced in revised M.Ed curriculum (2014-2015) onwards
- **Mentoring:** Each faculty is allotted with 5 students to extend regular guidance in both academic programmes, projects and personal issues.

Ph.D : - Learning outcomes

- Scholars are provided with Research methodological skills and broad field related knowledge frame work.
- Scholars are exposed to the regular participation in the research seminars (Research design and pre submission Seminars) at the department level to develop understanding and skills to present and participate in the discursions.

Evaluation:

- A Pre- Ph.D descriptive test (Part –I) is given (external exam) to ensure the knowledge related to research methodology and perspective on broad field.

Time to time research skills are ensured and the process of research is monitored through departmental seminars.

47. Highlight the participation of students and faculty in extension activities?

Community study institutional visits. Students involved in community service activities and other extension activities

1. Literacy campaigns
2. Awareness Programms
3. Adult Education

- Students and faculty visit the community and conduct projects in the field work and conduct various – programmes.
- Awareness Programmes related to health, nutrition, literacy, governmental schemes, other social issues.

48. Give details of "beyond syllabus scholarly activities" of the department.

Regularly students are involved in organizing different events like Literacy day, Human rights day, Women's day, Environment related days, Aids day etc., to sensitize students and promote service oriented motivation.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

No

50. Briefly highlight the contributions of the department in generating new knowledge

Research at the department is focused on various teachers education related thrust areas, like science education, school education, special education, tribal education, Early childhood education, environment and disaster management, inclusive education to contribute to knowledge and disseminate the same through publications and training.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. M.H.R.D grant for conducting In-service Training Programms
2. All the teachers are having research background with Ph.D.
3. Regular collaboration with schools
4. Revise curriculum at an internal of 3-4 years at all stages
5. Monitoring, Guidance and Training to all the teachers of affiliated colleges
6. All the teachers are master trainers certified by Intel Microsoft and Technology in teaching.

Weaknesses:

1. Lack regular staff so accountability in term of various aspects suffers
2. Infrastructure wise, Buildings (Block 'A' &'B) very old and needs lot of repairs and maintenance. (Block –'A' certified by building division engineers

as its life time is over)

3. Lack of funding
4. Inadequate secretarial staff in the office
5. Mostly contractual staff for teaching

Opportunities:

1. CITE provides additional methodology courses, in-service training programme (B.Ed)
2. Extension services through lifelong learning department, community service, adaptation of villages vocational training.
3. Faculty involved in state wide school education programs- designing, curriculum training teachers etc.,
4. Faculty and students (M.Ed) visit the Institutions, NIMH for empowering on understating needs of special children
5. MOU with NGC in conducting activities related to environmental education

Challenges:

1. Due to many affiliated colleges (97 C.O.E's)it is difficult to sustain standards, maintain quality at all the colleges.
2. To monitor the curriculum transaction at various colleges, to conduct training programmes
3. Make affiliation visits while taking care of regular teaching
4. Guide Foreign students who join Ph.DProgramme without proper communication and language skill in English (countries like Iran, Nepal, Korea, Bangkok etc.).

52. Future plans of the department.

- Workshops on constructivist lesson planning
- Orientation Programmes on revised curriculum for UG teachers of the B.Ed colleges affiliated to Osmania University
- Workshops on digital lesson planning
- Inter college competitions on Best Practices in curriculum, co-curricular programme
- To create a Research scholars Forum
- To publish a journal
- To organize International Seminar
- To Publish newsletter (quarterly)
- To form Alumini Association
- Upgradation of Computer lab and Library
- Automation of the office
- Training of teachers in recent technologies and pedagogies
- Intercollegiate Competitions, cultural exchange programme.

Department of Physical Education

1. Name of the Department : Physical Education
2. Year of Establishment : 1993
3. Is the Department part of a school/ Faculty of the University

   Yes, Faculty of Education
4. Names of programmes/courses offered:

   M. P.Ed., Ph. D.
5. Interdisciplinary courses and departments involved: No
6. Courses in collaboration with other universities, industries, foreign institutions etc. Nil
7. Details programmes /courses discontinued, if any, with reasons: Nil
8. Annual/ semester / choice based credit system: Semester
9. Participation of the department in the courses offered by other departments:
10. No. of teaching posts sanctioned and filled

Designation	Sanctioned	Existing
Professor	4	5
Associate professor	6	2
Assistant Professor		

11. Faculty profile with name, qualification, designation and specialization

Sl No	Name of the Faculty	Qualifi-cation	Desig-nation	Areas of Specialization	No. of years of experience	No. PhD students guided for the last 5 years
1	Dr.P.Venkat Reddy	M.P.Ed., M.Phil, Ph.D	Professor	Bio-mechanics	33	01
2	Dr. L.B. LaxmiKanthRathod	M.P.Ed, Ph.D	Professor	Foot Ball	17	01
3	Dr. J. Prabhakar Rao	M.P.Ed, Ph.D	Professor	Sports Management	28	--
4	Dr. V. Satyanarayana	M.A., M.Phil., Ph.D.	Professor	Sports Psychology	17	2
5	Dr. Rajesh Kumar	M.P.Ed, Ph.D	Professor	Training methods	15	01
6	Dr. B. Sunil Kumar	M.P.Ed, M.Phil, Ph.D	Associate Professor	Sports Physiology	15years	01
7	Dr. K. Deepla	M.P.Ed, Ph.D	Associate Professor	Yoga	13years	--

12. List of senior visiting fellows, faculty, adjunct faculty, emeritus professors: Nil

13. Percentage of classes taken by temporary faculty-programme-wise information: Nil

14. Programme-wise student teacher ratio: 16:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

    NGOs : 04

16. Research thrust areas recognized by funding agencies: Nil

17. Number of faculty with ongoing projects from a) national b) international funding agencies c) total grants received. Give the names of the funding agencies and grants received project-wise.

18. Inter-institutional collaborative projects and grants received. a) All India collaboration b) International Nil

19. Departmental projects funded by DST-FIST, UGC-SAP/CAS, DPE, DBT, ICSSR etc. total grants received. Nil

20. Research facility/Centre with

    - State recognition
    - National recognition
    - International recognition

21. Special research laboratories sponsored by/ created by industry or corporate bodies:

    Nil

22. PUBLICATIONS

Number of papers published in peer reviewed journals(national/international)	28+13
Monographs	Nil
Chapters in books	Nil
Edited books	Nil
Books with ISBN with details of publishers	Nil
Number listed in international data base	Nil
Citation index range/average	Nil
SNIP	Nil
SJR	Nil
Impact factor – range/ Average	0.624
H-index	Nil

23. Details of patents and income generated. Nil

24. Areas of consultancy and income generated: Nil

25. Faculty selected nationally/internationally to visit other laboratories in India and Abroad: Nil

26. Faculty serving in

b) National committees: Dr. Rajesh Kumar, Dr. L. B. LaxmilkanthRathod, Dr. J. Prabhakar Rao, IFCSS

c) International committees: Dr. Rajesh Kumar, Board of Director, IACSS

d) Editorial Boards: Dr. V. Satyanarayana, Dr .B. Sunil Kumar, Dr. I. B. Reddy, Prof. Syed Ibrahim, Dr. K. Deepla, Dr .K. Surender Reddy.

e) Any other(please specify)

27. Faculty recharging strategies: Refresher and Orientation programmes

28. Student Projects:

- Percentage of students who have done in-house projects including inter-departmental projects: 100%
- Percentage of students doing projects in collaboration with other universities/industry/institute: Nil

29. Awards/recognition received at the national and international level by

- Faculty
- Doctoral/Postdoctoral fellows
- Students

30. Seminars/conferences/workshops organized and the source of funding (national/international) with details of outstanding participation if any

International Conferences : 04
National workshops : 03

31. Code of Ethics for research followed by the departments:

- Research ethics and Plagiarism issues are taught as part of research programme
- Significance of honesty in research and acknowledgment of the sources emphasized.

32. Student profile course-wise.

Name of the course	Academic year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
M.P.Ed	2015-16	940			95	98

33. Diversity of students:

Name of the course	Academic year	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries

34. How many students have cleared Civil services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. Nil

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil	
PG to Ph.D	20
Ph.D to Post-Doctoral	
Employed	
• Campus selection • Other than campus recruitment	10
Entrepreneurs	

36. Diversity of Staff

Percentage of faculty who are graduates	
of the same university	90
from other universities within the state	
from universities of other states	10
from universities outside the country	

37. Number of faculty who were awarded Ph.D during the assessment period:

Nil

38. Present details of infrastructural facilities with regard to

a) Department Library

b) Internet facility for staff and students
c) Total number of class rooms
d) Class room with ICT facility
e) Student laboratories:
f) Research laboratories:

39. List of doctoral students and research associates

a) From host university: 90%

b) From other universities: 10%

40. No. of post graduate students getting financial assistance from the university

Nil

41. Was any need assessment exercise undertaken before the development of new programmes? If so, highlight the methodology: Yes

42. Does the department obtain feedback from

d) Faculty on curriculum as well as teaching-learning-evaluation? Yes

If yes, how does the department utilize the feedback?

e) Students on staff, curriculum and teaching-learning evaluation and how does the department utilize the feedback.

f) Alumni and employers on the programmes offered and how does the department utilize the feedback.

43. List the distinguished alumni of the department(maximum 10)

44. Give details students enrichment programmes (special lectures/workshops/ seminars, involving external experts)

45. List the teaching methods adopted by the faculty for different programmes.

Ppt Presentation, Overhead Projector, Lectures, Debates, Interactive sessions

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Feedback, Formative and summative assessments, Class presentation by students

47. Highlight the participation of students and faculty in extension activities.

48. Give details of "beyond syllabus scholarly activities" of the Department.

49. State whether the programme/ Department is accredited/ graded by other agencies? If yes, give details. Nil

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

51. Detail any five strengths weaknesses opportunities and challenges (SWOC) of the department:

Strenghts:

Qualified staff

Good sports facilities and grouds

Weaknesses:

No regular recruitment

In sufficient classrooms

Opportunities:

Ample space to develop grounds and sports facilities

Scope for internal revenue generation

Challenges:

Retention of qualified teachers

Financial constraints

52. Future plans of the Department:

Organising International Conference

Construction of new classrooms, seminar halls

Introduction of new PG programmers

PG diploma in Yoga and

PG diploma in Sports management

Department of Biomedical Engineering

1. Name of the Department : Biomedical Engineering
2. Year of establishment : 1982
3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Engineering

4. Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

PROGRAMME OF STUDY	DESCRIPTION
UG - Biomedical Engineering	Started with 10 seats in 1982 Intake increased to 30 in 1996
PG - Biomedical Electronics	Started with an intake of 18 in 2006
Ph.D - Biomedical Engineering	Started in the year 1996

5. Interdisciplinary courses and departments involved:

   B.E Program is in collaboration with Osmania Medical College and Durgabhai Deshmukh Hospital and Research Centre is in MOU for Teaching and Research.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.:

   B.E (BME) Collaboration with Osmania Medical College and Durgabai Deshmukh Hospital and Research Centre

7. Details of programmes / courses discontinued, if any, with reasons

   NIL

8. Annual/ Semester/Choice Based Credit System:

   Choice Based Credit System

   Semester based credit system

9. Participation of the department in the courses offered by other departments:

   The department is offering an elective course on “Biomedical Instrumentation” to the EEE & ECE students of the college.

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Designation	Sanctioned	Filled
Professor	1	1
Associate Professor	3	3
Asst. Professor	4	4

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
M. Venkateswara Rao	M.Tech	Associate Professor	Medical Embedded Systems, Deep Brain Stimulation, Biomedical Instrumentation	33	--
Dr. M. Malini	M.Tech, Ph.D	Associate Professor	Biomedical Signal processing, EOG Analysis, Biomechanics	16	--
D. Suman	M.E.	Assistant Professor	Biomedical Instrumentation, Biomedical Signal processing, Telemedicine	10	--
M. Srinivas	M.E.	Assistant Professor	Biomedical Electronics	4	--
G. Shravanya	M.S.	Assistant Professor	Biomaterials, Rehabilitation Engineering, Transducers and Biosensors	4	--
K.E.Ch. Vidyasagar	M.Tech.	Assistant Professor	Brain Computer Interface, Biomedical Instrumentation, Signal Processing	4	--

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

    1) Prof. T. Anjaneyulu
    2) Prof. Arun K Tiwari

13. Percentage of classes taken by temporary faculty – programme-wise information:

PROGRAMME OF STUDY	PERCENTAGE OF CLASSES
UG - Biomedical Engineering	40
PG - BioMedical Electronics	30

14. Programme-wise Student Teacher Ratio:

    UG: 20:1

    PG: 15:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

	Sanctioned	Filled
Support staff (technical)	4	1
Administrative staff	2	1

16. Research thrust areas recognized by funding agencies:

Biomedical Signal & Image Processing

Nano Technology

Medical Instrumentation

Medical Device Development

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.:

S. No	Title of the Project	From	To	Funding Agency	Quantum of Funds (Lakhs)
1	Hyperthermia application of Nano materials for cancer therapy	2013	2018	UGC-UPE	20-00
2	Preliminary Modeling of Pseudolite Based Tracking System Errors and Optimization of its Configuration	Feb, 2010	March 2012	ITR	9.50
3	Modernization of electro physiological laboratory	Dec,2008	March 2011	AICTE	4.00

18. Inter-institutional collaborative projects and grants received

All India collaboration	International
1	NIL

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

- Hyperthermia application of Nano materials for cancer therapy from UGC.
- Preliminary Modeling of Pseudolite Based Tracking System Errors and Optimization of its Configuration from 1st February, 2010 to 31st March, 2012. Rs. 9.5 Lakhs received from ITR Agency.

20. Research facility / centre with

- state recognition - NIL
- national recognition - NIL
- international recognition - NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies:

Nil

22. Publications:

*	Number of papers published in peer reviewed journals (national / international)	-	50
*	Monographs	-	--
*	Chapters in Books	-	--
*	Edited Books	-	--
*	Books with ISBN with details of publishers	-	--
*	Number listed in International Database (For *e.g*. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	-	--
*	Citation Index – range / average	-	--
*	SNIP	-	--
*	SJR	-	--
*	Impact Factor – range / average	-	--
*	h-index	-	--

23. Details of patents and income generated: Filed three

a. Tarunasri, a Former student (2008) has done her project work on enzyme Fields Effect Transfer (ENFET) for Estimation of Triglycerides using Magnetic Nano Particles at CCMB under Dr. Madhusudan Rao, Deputy Director and got a patent (H01R31/00).

b. Model on "Syncope Detection Emergency Messaging", was selected for sponsorship of 15 lakhs from ICRISAT, designed by Mr. Arvind, Ms. Soundarya and Mr. M.Venkateswara Rao.

c. Patent applied on "Syncope Detection Emergency Messaging", by Mr. Arvind, Ms. Soundarya and Mr. M. Venkateswara Rao (No: 1639/CHE/2009).

24. Areas of consultancy and income generated:

The Department established a Biomedical Instrumentation centre (BMIC) to cater to the needs of medical profession.

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad : NIL

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Dr. M. Malini-NBA resource person for outcome based education and accreditation and Governing Body Member, GIOE.

Mr. M. Venkateswara Rao- Subject Expert Confidential

27. Faculty recharging strategies:

FDP, Workshops, Training Proogramme, Orientation Programmes

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects : 80 - 90
- percentage of students doing projects in collaboration with other universities / industry / institute : 10

29. Awards / recognitions received at the national and international level by

- Faculty : Best paper Award to Mr. D .Suman
- Doctoral / post doctoral fellows : Dr. K.Satyanarayana, Dr. M.Malini, Dr. M. Patil
- Students :
  - Gurucharan Das, Areeb Ahmed, B.Jinesh were declared winners in OSMECON 2016, Pioneering Pathways for Medical Research for the topic "Mindwave Oriented Operational Device" in MEDTECH conducted by Osmania Medical College on September 17th to 19th,2015.
  - KeerthanaSarvani participated in OSMECON 2016, Pioneering Pathways for Medical Research, MEDTECH conducted by Osmania Medical College on September 17th to 19th,2015.
  - KeerthanaSarvaniis declared as runner-up in poster presentation for the topic "braingate system" OSMECON 2016, Pioneering Pathways for Medical Research, MEDTECH conducted by Osmania Medical College on September 17th to 19th, 2015.
  - B.S. Rahul Bharadwaj, K. Sameendra, Y. Sai Chaitanya received First Prize for their paper 'Design of RF Source Generator For Hyperthermia Treatment of Cancer by Using Nano Particles' presented in 'Pearl 12' held on February 19, 2012 at BITS Pilani, Hyderabad Campus.
  - B.S. Rahul Bharadwaj, K. Sameendra, Y. Sai Chaitanya received 'Best Paper Award' for 'Design of RF Generator For Hyperthermia Applications', Student Conference On Recent Trends In Electrical & Electronics Engineering, February 24-25, 2012, GITAM University, Vizag.
  - SachinPadeesvar received 'Third Prize' for 'Bio-Artificial Liver' presentation in Biozone 2012, March 16-17, 2012, GIET, Rajahmundry.
  - Bhargava, Rohith, IV year, have won I prize & cash award of Rs.6000/- for the model presentation at "MODEX HEALTH CARE" at IIT-BHU
  - Ramyakrishna, SaikishoreIII Year, won II prize for a model presentation

on "GUI based cancer detection for preplanning of surgery", in OMC

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

1. MEDITECH- 2011
2. MEDITECH- 2012
3. MEDITECH- 2013
4. MEDICAL EXPO – 2013
5. HEALTH CAMP – 2013
6. MEDITECH- 2014
7. MEDITECH- 2015
8. MEDITECH- 2016
9. WORKSHOP ON NI LAB VIEW FOR INSTRUMENTATION
10. Workshop on Convergence of NBIC for Medical Innovations
11. Faculty Development Program
12. Workshop on Cognitive Sciences &Neuro Signal Processing
13. Workshop on NI Lab View for Instrumentation
14. Medical Expo
15. Health Camp
16. Hands on Training program on MATLAB for Engineers

31. Code of ethics for research followed by the departments.

The focus of the Research is based on the need of the Hospitals in terms of design and development of medical equipment.

32. Student profile course-wise:

Name of the Course	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.E. 2011	Through EAMCET	15	15	93	93
B.E. 2012		10	21	70	100
B.E. 2013		14	14	-	-
B.E. 2014		11	16	-	-
B.E. 2015		7	21	-	-
M.E 2010	Through GATE & PGECET	6	8	100	100
M.E 2011		13	6	100	83
M.E. 2012		17	7	-	-
M.E. 2013		13	6	-	-
M.E. 2014		14	6	-	-
M.E. 2015		8	7	-	-

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BE	85	15	Nil	15
ME	85	15	-	2

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sl No	Student Name	Category	Achievement
1	Ashresha	SC	M.Tech- IIT Chennai
2	ShwethaHymavathi	OC	M.Tech- IIT Mumbai
3	Sharath Chandra	OC	Ph.D Scholar at IISC Bangalore
4	Narender	BC	M.Tech – IIT Mumbai
5	C. Venkataramana	BC	M.Tech – BHU Varanasi
6	T. Apoorva Anil	SC	MBA-IIM Kolkata
7	M. Vijay Shanker	BC	POSTAL OFFICER, Hyderabad
8	G. Thomson	SC	Industrial officer
9	Chandra SekharNaik D	ST	MBA-PU PONDICHERY
10	NeelimaDeepthiGandamalla	SC	POSTAL OFFICER, WARANGAL
11	KavithaChetanaDidugu	OC	MBA-IIM AHMEDABAD
12	Balsinghchouhan	ST	Deputy Director-HLL Life Care
13	Sanjanna	SC	Deputy Director, Small Scale Industrial Officer
14	Adithya Venkateswara	OC	Patent examiner design-IPO KOLKATA
15	Udaykumar	SC	LECTURER–Govt. Polytechnic college

35. Student progression

Student progression	Percentage against enrolled
UG to PG	50
PG to M.Phil.	NA

PG to Ph.D.	5
Ph.D. to Post-Doctoral	NIL
Employed • Campus selection • Other than campus recruitment	 50 30
Entrepreneurs	Nil

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	75
from other universities within the State	25
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period : One.

38. Present details of infrastructural facilities with regard to

a) Library : 1000 Volumes, 3500 Books
b) Internet facilities for staff and students : 50
c) Total number of class rooms : 6
d) Class rooms with ICT facility : 2
e) Students' laboratories : 5
f) Research laboratories : 1

39. List of doctoral, post-doctoral students and Research Associates

Doctoral Students:

a) from the host university : 3
b) from other universities : 3

40. Number of post graduate students getting financial assistance from the university.

40

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

M.E programme in the Bio-Medical Electronics has been started under the inter-disciplinary programme of the UGC assistance of 32 Lakhs. Since the Masters course has not available and there is huge need to improvement in the research and development in the field of biomedical Engineering.

42. Does the department obtain feedback from

g. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, to improve the quality of teaching-learning-evaluation.

h. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, to improve the quality

i. alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes, To modify the course so as to keep up with the industry requirements.

43. List the distinguished alumni of the department

Distinguished Alumni:

1. SurekhaPalreddy, President at BioAlgorithms, Inc., St. Paul, MN
2. Ravi Bellamkonda, Professor at Georgia Institute of Technology, Associate Vice President for Research at Georgia Institute of Technology, Carol Ann and David D. Fl.
3. ShailendraM**.,** Sr. DGM at Larsen & Toubro Limited
4. Rajesh KRapolu, MRI/CT Field Engineer at Radiographic Equipment Services
5. Vineel Kumar, Senior Patent Analyst at Honeywell Technology Solutions, Bangaluru Area, India | Industrial Automation|
6. Sridhar Narayan Porindla (Entrepreneur), Consultant at SNC, Hyderabad
7. Pramod Reddy Byreeka, Founder & CEO, Allatus Techno-Legal Solutions Pvt. Ltd
8. Vasanth Kumar, Service Specialistat GE Healthcare Pvt ltd
9. Chaitanya Krishna Mummidisetty, Quality Engineer Internship, Boston Scientific Corporation, Miami, FL
10. Mr. Mallikarjun, Head, Biomedical engineering division, NIMS, Hyderabad
11. Mr. Aditya Venkateshwara, Patent examiner, Indian patent office, DIIP, Govt. of India
12. Mr. Bal Singh Chauhan, Deputy director, Biomedical division, HLL lifecare Ltd, Govt. Enterprise, Trivandrum
13. Mr. RaghuvenderNarra, Senior patent Engineer, Philips , IPR department, Bangalore
14. AravindSawarkar, Senior IP analyst, Honeywell, IPR department, Bangalore.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Module Description	Duration	Resource Persons	Target Audience	Usages and citation etc.
Workshop on NI Lab View	10th March 2012	Industry	Teachers of engineering colleges, ME and BE students	Seminar Hall, Dept. of BME, UCE, OU
Hands on Training on "MAT LAB for Engineers"	23-24 August, 2013		Teachers of engineering colleges, ME and BE students	Seminar Hall, Dept. of BME, UCE, OU
National Workshop on VIRTUAL INSTRUMENTATION	9-11 October, 2013	Industry and Academic	Teachers of engineering colleges, ME and BE students	Seminar Hall, Dept. of BME, UCE, OU
National workshop on Cognitive Sciences and Neuro Signal Processing	24 December, 2013	Industry	Teachers of engineering colleges, ME and BE students	Seminar Hall, Dept. of BME, UCE, OU
Faculty Development Programme on Microcontrollers and their Applications	30th June – 5th July, 2014	Industry	Teachers of engineering colleges, ME students	Seminar Hall, Dept. of BME, UCE, OU

45. List the teaching methods adopted by the faculty for different programmes.

ICT & Black Board, projectors for both B.E & M.E Programs

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Based on the performance of the students
- Based on the syllabus designed to meet the Industry Needs.
- Based on the feedback from the employee.

47. Highlight the participation of students and faculty in extension activities.

S No	Event Name	Activity	(2011-12)	(2010-11)	(2009-10)
1	Freestyle	It is a non-technical paper presentation competition, held specially for the freshers every year. It is an inter-department competition, organised by	-	Students of 1st year won 1st , 2nd and 3rd prizes	-

		the second years.			
2	Quizzotic	It is an inter-college quiz competition, conducted by ERUDITES. It is cored in automobiles but spans everything under the face of the earth. Suboth Kumar from BME, is a core member of ERUDITES. He played a key role as an organiser in QUIZZOTIC.	Suboth Kumar of III year organized the event	-	-
3	National Level Debate and Elocution competition on Rajiv Gandhi Urja Divas	On the occasion of Urja divas, in order to encourage use of renewable energy sources, an elocution competition was conducted.	Suboth Kumar of III year organized the event	-	-
4	Samanvaya	It is a placement session, conducted by the placement office, OU, to gear up the prefinal students for the campus recruitments that they will be facing. It consists of mock group discussions, and interviews, which run on similar lines to the actual recruitment process.	Apoorva of IV year was the Organizer	Dasaradhi and Aditi of IV year were the Organizers	GeethaSoujanya of IV year was the Organizer
5	Erudite	It is a literary club in OU, which organises various literary events like debates, elocutions, etc.	Students of III Year and II year are members in the club	Students of III Year and II year are members in the club	-

48. Give details of "beyond syllabus scholarly activities" of the department.

S.No	Event Name	(2015-16)	(2014-15)	(2013-14)
1	Technical Symposia	MEDITECH 2015	MEDITECH 2014	MEDITECH 2013
2	Model Presentation	MEDITECH 2015	MEDITECH 2014	MEDITECH 2013
3	Poster Presentations	MEDITECH 2015	MEDITECH 2014	MEDITECH 2013
4	Medi Quiz	MEDITECH 2015	MEDITECH 2014	MEDITECH 2013

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NBA, Accredited for 5 years w.e.f August, 2013

- The B.E (BME) programme of the department has been assessed and accredited by the NBA for 5 years w.e.f Aug, 2013-14
- A special appreciation was given by the NBA expert team (Scored 793/1000).
- The faculty members of the department are active and acknowledged contributors to the UPE status of the Osmania University.
- The department has applied 2 patents (1-MVR & 1-Tharuna Sri)
- Well established alumni across the globe

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The faculty of the department is actively involving in research activities in collaboration with various organizations such as EMRI, NIMS and NERTU. The department along with the various other departments of Osmania University is part of UPE project. The Department has close clinical interactions with many local hospitals. This led to the development of a number of medical instruments of immediate use to doctors. For instance, the departmental staff has successfully modified electro medical equipment such as bedside monitors, blood-gas analyzers and auto analyzers of corporate hospitals. The staff has designed and developed computer-assisted prescription system (CAPS) that caters to the needs of doctors at primary health centers and district hospitals, helping them in the diagnosis and treatment of about 100 common diseases that afflict the national populace. The staff has also successfully developed import-substitute instruments such as peripheral nerve stimulators, apnea monitors, bone growth stimulators and dry steam sterilizers. The Department operates an electro-oculographic laboratory at the Nizams institute of medical sciences, as well as a biomedical instrumentation centre for serving complex medical equipment. The Department has designed and developed a microcontroller based saccadic stimulator for the department of clinical therapeutics and pharmacology, Nizams Institute of Medical Sciences (NIMS), Hyderabad. Vacuums/Pressure monitoring systems were also developed for Department of plastic surgery Nizams Institute of Medical Sciences (NIMS), Hyderabad. Department has identified several thrust areas such as Biomedical signal & image processing, Nano technology, and Medical Instrumentation towards research, based on the need of medical fraternity keeping in view of affordable health care delivery in an effective and efficient manner. The faculty members of the department are working in the following areas of Research.

1. GPS-GPRS based emergency patient transportation system and evaluation of physiological parameters
2. Deep Brain Stimulation as a therapy of Parkinson's disease
3. EOG signal analysis for the Diagnosis of various ocular disorders

4. Analysis of Sleep EEG for the diagnosis of neurological disorders
5. FDTD analysis of Medical Images
6. Hyperthermia application of Nano materials for the cancer therapy.
7. ECG analysis by using wavelets transforms
8. Independent Component analysis of Physiological signals
9. Syncope detection technique in emergency
10. Non invasive beat to beat BP monitoring system by using PWTT

The research contribution made by the faculty has been commendable in terms of the publications and patents applied.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

STRENGTHS:

1. Being a young and growing field, Biomedical Engineering provides greater scope for exploring newer aspects in the teaching programmes of the department as well as identifying fertile areas for taking up research activities. It is an obvious advantage for students.
2. The BME department possesses the unique advantage of having close contact and fruitful liaison with the medical colleges on one hand and enterprising researchers in the discipline such as neurophysiology and pharmacology on the other side. This is evidenced by the varied nature of the publications generated.
3. The availability of staff with diverse backgrounds especially experience in industry and teaching is a positive factor. Even with the existing constraints currently being experienced, the BME department faculty could make some useful contributions as indicated below.
    a. Design and implementation of the campus-wide network in the college with all CISCO switches and fiber optic backbone.
    b. Design and implementation of the campus-wide network in the university with EXTREME switches and fiber optic backbone.
    c. Neurophysiology laboratory at Nizams Institute of Medical Sciences (NIMS).
    d. Development of saccadic stimulator for the clinical pharmacology department of NIMS.
4. Availability of expertise pertaining to signal processing embedded systems and medical instrumentation.
5. BME department has alongside been striving to enlarge the scope for providing basic facilities and amenities keeping the student needs in view. The following one mentioned in this direction.
    a. Establishing English laboratory for the first time.
    b. Establishing internet laboratory in the college.
    c. Establishment computer center in the college.

6. Local existence of large teaching hospitals and availability of several related equipment in facilitating the state of art training of students of the BME department.

WEAKNESSES:

1. The primary weakness of the department is paucity of qualified faculty on permanent basis. This has been a major handicap in training the students on an assured basis.
2. Lack of expertise in emerging areas such as nanotechnology is another shortcoming that has to be overcome.
3. Shortage of staff impacts on the department's ability to utilize opportunities for enhancing the faculty expertise in coveted and novel fields.
4. The above mentioned hurdle also limits the staff of the department to undertake QIP programmes on long term basis.

OPPORTUNITIES:

1. There is good scope for medical professionals to draw upon the department to identify the areas where need based product improvements can be undertaken in consultation with medical professionals and industry.
2. Establishment of testing facilities or proof of performance certificates for some innovations.
3. Medical institutions and the department can work in tandem to undertake need-based research.
4. The department can extend the services of staff in maintenance of medical equipment in hospitals.

CHALLENGES:

1. While biomedical science is registering significant advances, the related biomedical industry in the country is yet to gain momentum and the much desired institute-industry collaboration is yet to take place. Initiatives from both sides are needed.
2. In view of tough competition among the different engineering disciplines and the tendencies for opting to 'traditional' branches, measures of awareness enhancement are called for.
3. Job opportunities in the core area are yet to touch optimal level and this is likely to improve with growth of the biomedical industry.

52. Future plans of the department.

Department has identified several thrust areas such as Biomedical signal & image processing, Nano technology, and Medical Instrumentation towards research, based on the need of medical fraternity keeping in view of affordable health care delivery in an effective and efficient manner.

***

Department of Civil Engineering

1. Name of the Department : Civil Engineering
2. Year of Establishment : 1929
3. Is the Department part of a school/ Faculty of the University: Yes, Faculty of Engineering
4. Names of programmes/courses offered: UG, PG, Ph.D

Under Graduate Programmes (B.E) (Full-Time)

S. No.	Course(s)	Duration in Years	Year of Starting	Sanctioned Intake*	NBA Accreditation in Years (w.e.f. 05.08.2013)
1	Civil Engineering	4	1929	60	05

* *An additional intake of 10 % of foreign students is offered.*
* *An additional intake of 10 % of lateral entry students into 2nd year is offered.*

Post Graduate Programmes (M.E./M.Tech.) (Full-Time)

S. No.	Course(s)	Specializations	Duration in Years	Year of Starting	Sanctioned Intake
1	Civil Engineering	Structural Engineering	2	1961	25
		Water Resources Engineering	2	1961	10
		Geotechnical Engineering	2	1961	10
		Construction Engineering and Management	2	1961	15
		Infrastructure Engineering	2	2007	15
		Transportation Engineering	2	2008	15

Post Graduate Programmes (M.E./M.Tech.) (Part-Time)

S. No.	Course(s)	Specializations	Duration in Years	Year of Starting	Sanctioned Intake
1	Civil Engineering	StructuralEngineering	3	1966	15
		Water Resources Engineering	3	1987	15
		Transportation Engineering	3	2010	15

Doctoral Programmes

S. No.	Course(s)	Year of Starting	No. of Students Currently Enrolled
1	Civil Engineering	1975	60

5. Interdisciplinary courses and departments involved:

Course offered	Course offered for Dept	Year	Semester
Engineering Mechanics-I	All branches	First	I
Engineering Graphics-I	All branches	First	I
Applied Mechanics	BME	First	II
Environmental Studies	ECE, EEE	First	II
Solid Mechanics (Theory & Lab)	EEE	Second	I
Mechanics of Materials (Theory & Lab)	MECH	Second	I
Fluid Dynamics	MECH	Second	II

6. Courses in collaboration with other universities, industries, foreign institutions etc.: NIL

7. Details programmes /courses discontinued, if any, with reasons:

S. No.	Programme	Specializations	Year of discontinued	Reason
1	M.E (PTPG)	Water Resources Engineering	2012-13	Students are not enrolling

8. Annual/ semester / choice based credit system:

- Choice based credit system from 2015-16
- Semester based system prior to 2015-16

9. Participation of the department in the courses offered by other departments:

Course offered	Course offered by Dept	Year	Semester
Electrical Technology	EEE	Second	I
Mechanical Technology	MECH	Second	I
Managerial Economics and Accountancy	CSE	Second	II
Entrepreneurship	MECH	Fourth	I
Intellectual Property Rights	Law College	Fourth	II

10. No. of teaching posts sanctioned and filled (Professor/Asso. Prof. /Asst. Prof):

Faculty	Sanctioned	Filled/working
Professor	05	08
Associate professor	10	02
Assistant Professor	19	10

11. Faculty profile with name, qualification, designation and specialization

Name of the Faculty	Designation	Qualification	Areas of Specialization	No. of years of Experience	No. PhD students guided for the last 5 years
Dr. Ravande Kishore	Professor	Ph. D	Structural Engineering	35	04
Dr. V. S. S. Kumar	Professor	Ph. D	Construction Engineering & Management	35	07
Dr. N. Murali Krishna	Professor	Ph. D	Structural Engineering	34	01
Dr. M. Kumar	Professor	Ph. D	Transportation Engineering	20	02
Dr. N. Suresh Kumar	Professor	Ph. D	Water Resources Engineering	20	-
Dr. V. Bhikshma	Professor	Ph. D	Structural Engineering	20	-
Dr. M. Gopal Naik	Professor	Ph. D	Water Resources Engineering	19	01
Dr. M. A. Prasad	Professor	Ph. D	Water Resources Engineering	34	-
Dr. T. Sambaiah	Associate Professor	Ph. D	Geo-Technical Engineering	19	-
Dr. P. Raja Sekhar	Associate Professor	Ph. D	Water Resources Engineering	19	-
Dr. K. L. Radhika	Assistant Professor	Ph. D	Structural Engineering	15	-
Dr. M. V. S. Sreedhar	Assistant Professor	Ph. D	Geo-Technical Engineering	15	-
Dr. R. Srinivasa Kumar	Assistant Professor	Ph. D	Transportation Engineering	10	-
Mr. D. Rajashekar Reddy	Assistant Professor	M.E	Transportation Engineering	09	-
Dr. K. Shashikanth	Assistant Professor	Ph. D	Water Resources Engineering	09	-
Mrs. D. Annapurna	Assistant Professor	M.E	Structural Engineering	09	-

Mrs. S. V. S. N. D. L. Prasanna	Assistant Professor	M.E	Water Resources Engineering	09	-
Dr. D. Rupesh Kumar	Assistant Professor	Ph. D	Structural Engineering	09	-
Mrs. P. Anuradha	Assistant Professor	M.Tech	Structural Engineering	03	-
Mr. R. Rajender	Assistant Professor	M.E	Structural Engineering	03	-

12. List of senior visiting fellows, faculty, adjunct faculty, emeritus professors:

Prof. G. V. Rao, Honorary Professor, Geo-Technical Engineering, uptoacademic year 2011-12.

13. Percentage of classes taken by temporary faculty-programme-wise information.

UG Classes : 20

PG Classes : 05

14. Programme-wise student teacher ratio:

UG Classes : 15:1

PG Classes : 12:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

	Sanctioned	**Filled**
Supportive staff (technical + non-technical)	31	24
Administrative Staff	18	2

16. Research thrust areas recognized by funding agencies:

Structural Engineering – Seismic Resistant Design of Structures, Bridge Design, Recycled Aggregate Concrete, Temperature Distribution in Concrete Railway Bridges, Water ResourcesEngineering - Water and Air Quality Studies, Water Management, Wind Tunnel Studies, TransportationEngineering, Geotechnical Engineering.

17. Number of faculty with ongoing projects: 09

Faculty Name	**Name of sponsored R&D project**	**Amount (Rs. in lakhs) & Duration**	**Name of the Sponsored Agency**
Prof. V. Bhikshma (Head)	Seed Money, TEQIP-II	1 Lakh & 1 Year	UCE (A), OU

Prof. M. Kumar	Identification of Block spots and Accident analysis Using GIS and GPS technology	Rs. 04.00 lakhs 2014-2016	UGC, Govt. of India
Prof. M. Gopal Naik	Unban Watershed Rainfall-Runoff Modeling using Geospatial Techniques	Rs. 15.15 lakh & 2012-2015	DST, Govt. of India
	Surface Flow Measurement using PIV Techniques	Rs. 05.00 lakh & 2014-2016	UGC, Govt. of India
Dr. M. V. S. Sreedhar	Investigations on effectiveness of commercial stabilizers in stabilization of soft clay	1 Lakh & 1 Year	Seed Money, TEQIP-II
Mr. D. Rajashekar Reddy	Seed Money, TEQIP-II	1 Lakh & 1 Year	UCE (A), OU
Dr. K. Shasikanth	Extreme Rainfall Projections of Indian summer monsoon under climate change	Rs. 80, 000/-	TEQIP-II
Mrs. D. Annapurna	Seed Money, TEQIP-II	1 Lakh & 1 Year	UCE (A), OU
Mrs. S. V. S. N. D. L. Prasanna	Seed Money, TEQIP-II	1 Lakh & 1 Year	UCE (A), OU
Mrs. P. Anuradha	Seed Money, TEQIP-II	1 Lakh & 1 Year	UCE (A), OU

18. Inter-institutional collaborative projects and grants received: Nil

19. Departmental projects funded by DST-FIST, UGC-SAP/CAS, DPE, DBT, ICSSR etc. total grants received:

Name of Faculty	**Name of sponsored R & D project**	**Amount (Rs. in lakhs) & Duration**	**Name of the Sponsored Agency**
Prof. Ravande Kishore	Temperature distribution in concrete railway bridges	Rs. 18.50 lakh & Period extended up to December 2014	RDSO, Ministry of Railways, Govt. of India
Prof. V. S. S. Kumar	Application of Artificial Intelligence Techniques in Civil Engineering	Rs. 10.00 lakh	AICTE

20. Research facility/Centre with:
    - State recognition : HMWSSB
    - National recognition : DST, MODROBS

21. Special research laboratories sponsored by/ created by industry or corporate bodies: Nil

22. Publications:

a. Number of papers published in peer reviewed journals (national / international): 12 + 38(2011-2016)

b. Books with ISBN and details of publishers:

Name of the faculty	Book Title	Publisher Name	ISBN No.	Year of Publication
Dr. R. Srinivasa Kumar	Highway Engineering	Universities Press (India) Private Ltd.	9788173716812	
	Pavement Design	Universities Press (India) Private Ltd.	9788173718854	2013
	Transportation Engineering (Railways, Airport, Docks & Harbors)	Universities Press (India) Private Ltd.	9788173719240	2014
	Pavement Evaluation & Maintenance Management System	Universities Press (India) Private Ltd.	9788173719226	2014
Prof. M. Kumar	Statistical Techniques for Transportation Engineering	BS Publications	9789383635177	2014
Prof. M. Kumar, Mrs. D. Annapurna & Mrs. S. V. S. N. D. L. Prasanna	Proceedings of National Conference on Recent Research Advances in Civil Engineering	BS Publications		2014
Dr. T. Sambaiah	Strength behaviour of fibre reinforced sands	LAP LAMBERT Academic Publishing GERMANY	9783659628405	2014
Prof. M. Kumar, Prof. V. Bhikshma & Dr. D. Rupesh Kumar	Innovations in Structural Engineering - Proceedings of Three-day International Conference on Innovations in Structural Engineering(IC-ISE-2015)	Universities Press (India) Private Limited, Hyderabad	9788173719868	2015

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated:

Department is undertaking consultancy projects from various organizations like Quality Control and Quality Assurance, Proof checking, Material testing, Geo-Technical investigations, etc., for various organizations such as GHMC, QQSUDA, Singareni, HMDC, Indian Railways, etc.

Year	Amount generated (Rs. in lakhs)
2011-12	13.73
2012-13	10.37
2013-14	22.71
2014-15	16.78
2015-16	33.16

25. Faculty selected nationally/internationally to visit other laboratories in India and Abroad:

Prof. Ravande Kishore, Prof. N. Murali Krishna, Prof. M. Kumar, Prof. N. Suresh Kumar, Prof. V. Bhikshma, Prof. M. Gopal Naik and Dr. D. Rupesh Kumar visited various laboratories in India.

26. Faculty serving inthe editorial boards of national and international journals

S. No.	Name of the Teacher	Status on the Editorial Board	Name of the Journal	ISSN Number	Periodicity of Publication	Year of inception of the Journal
1	Prof Ravande Kishore	Member	ICJ	0019-4565	Monthly	August 1927
2	Prof M. Kumar	Member	IRC,ICJ	0258-0500	Quarterly	
3	Prof M. Gopal Naik	Member	IJNTSE			
		Member	ICACSME			

Faculty member: Dr. M. Anjaneya Prasad is the expert committee member for HMWSSB. Many faculty members are regularly been appointed as subject experts for interviews by APPSC.

27. Faculty recharging strategies:

Institute deputes faculty members for research programmes, trainings, workshops, conferences, seminars etc.

Academic Staff Development Programmes	Number of faculty
Refresher courses	10
HRD Programmes	5
Orientation programmes	10
Staff training conducted by the university	15
Staff training conducted by other institutions	10
Summer/Winter schools, workshops, etc.	20

28. Student Projects:

- Percentage of students who have done in-house projects including inter-departmental projects: 85
- Percentage of students doing projects in collaboration with other universities/industry/institute: 15

29. Awards/recognition received at the national and international level by

- Faculty

2011-12

Name of the Teacher	Award/Honor
Prof. V.S.S. Kumar	Vishwakarma Award by CIDC for the year 2011
Shri B. Vidyaranya, Prof. M. Kumar and Prof. M.R. Madhav	IGS – Shri M.S. Jain Memorial Biennial prize for the Best paper on " Innovations in piling and other Foundation Constructions Techniques for the year 2009 & 2010" for the paper entitled " Ultimate Pullout Capacity of Granular Anchors in Homogeneous Ground" during IGC conference in Trivendrum, December - 2011

2013-14

Name of the teacher	Name of the Award	International/ National / State level
Prof Ravande Kishore	Concrete Engineer of A.P." for the year 2013	State Level
Prof. V.S. S. Kumar	selected as a member Southern Central Regional Committee, Hyderabad, AICTE	National

2014-15

Name of the teacher	Membership / Distinction earned	Organization	International / National / State level
Prof. M. Kumar	Membership(STA Co-ordinator)	STA Co-ordinator PMGSY, NRRDA, Govt. of India	National
	Best Research paper Award for "Estimation of influence on type of collision for road accidents using logiest models in Cyberabad-Hyderabad-India"	Institute of research engineers and doctors, California, USA	International

2015-16

Faculty Name	Achievements / Awards
Mr. K. Shashikanth	Reviewer of Journal: Journal of Earth System Science, (JESS) published by Indian Academy of Sciences, Bangalore, India
Dr. D. Rupesh Kumar	Hon. Joint Secretary, Indian Concrete Institute-Hyderabad Centre

a) Students:

2010-11

Name of the Student	Achievement /Award/ Honour
K.Amruthavalli, B.Swathi of B.E.-4/4	Presented a paper on "Concrete waterproofing with crystalline technology" and won first prize in ALUMEN-10, a national level technical symposium organized by Vasavi College of Engineering, Hyderabad.
B.Swathi of B.E - 4/4	Certified for best performance in civil engineering summer camp 2009 organized by department of civil engineering, IIT Kanpur.
Ajay kumar chauhan of B.E. 4/4	Secured consolation position in AUTOCAD at National level technical symposium, Technozion organized by NIT, Warangal.
Ms.B.V.Anoosha, ME IV- semester	Achieved All India 4th Rank IES-2009.
Mr. K.Shravan Kumar, BE - 4/4	Achieved All India 52 Rank GATE-2010.
Mr. M.Ravi, BE - 4/4	Achieved All India 59 Rank GATE-2010
Mr. T.Anjaneyulu, BE - 4/4	Achieved All India 75 Rank GATE-2010
Ms. M.Abhigna, BE - 4/4	Scored 1450 in GRE-2010.
Mr. N.Chiranjeevi, BE - 4/4	Achieved All India 34 Rank GATE-2010.

2011-12

Name of the Student	Achievement /Award/ Honour
Mr. Srinivas, (BE 4/4-CE), GATE-2011	All India 4th Rank
Mr. C.M.K.Gooten, (BE 4/4-CE), GATE-2011	All India 10th Rank.
Mr. Praveen Reddy, (BE 4/4-CE), GATE-2011	All India 64th Rank
Mr. B. Surya Teja, (BE 4/4-CE), GATE-2011	All India 89th Rank.
• K. Madhukar, J. Mounika, Riazulla Baig, D. Varun Reddy of B.E. 4/4 have won second prize for Model presentation at Anna University.	

2012-13

NAME OF THE STUDENTS	PROGRAMME/AWARDS
K. Pavani and M. Apoorva, B.E 3/4	Secured **First Prize** for a paper titled " Linear Programming Model for Optimization" in National level Technical symposium – ACUMEN' 12 at Vasavi College of Engineering on 16th March 2012.
K. Pavani and M. Apoorva, B.E 3/4	Secured **Second Prize** for a paper titled "Linear Programming Model for Optimization" in National level Technical symposium – STHAPATHYA' 12 at JNTU, Hyderabad held on 17th March, 2012.
K. Madhukar, J. Mounika, Riazulla Baig, D. Varun Reddy of B.E 4/4	Won second prize for Model presentation at Anna University.
Mr. Surya Teja .B and M.S. Suman of B. E 4/4	Won 1st Prize in Quiz competition held at Vasavi College
Alekhya. R and Anjali H of B.E. 4/4	Won 2nd prize in Quiz Contest held at Vasavi College.
D.Charitha, B. Sadhana, P. Harika of B.E. 3/4	Winners of the event "Shunya" for the problem statement "zero energy home" during Pearl 2012.
Bhanu Prakash of B.E. 3/4	Presented a paper on "Air Pollution Management" and won 2nd Prize in Preadorz 2012 held at S. V. University
Ashish, B Raj kumar	Presented a paper on "IntelligentTransportation system" and Won 1st Prize in STHAPATYA held at JNTUH.
Ashish B Raj kumar Chandrasekhar	Presented a paper on "Transport Systems" at BITS- Hyd. in an event Pearl-12

Aziz, Sathish, Pavan of B.E. 3/4	Presented a paper on "Waste water recycle & Reuse" at NIT Warangal in technical symposium Technozion -2011-12.
Naga sai, Khaja Zubair Ahmad, Krishna Chaitanya, Koushik.	Presented a paper on "My Green Idea" BITS – GOA in technical symposium Quarka -2012.
Sadhana, P Harika, Charitha	Presented a paper on "Zero Energy Buildings " and won 1st Prize at BITS-Hyd. in an event Pearl-12

2013-14

Name of the students	Achievement/Award/Honour
K. Pavani and M. Apoorva, B.E 4/4	Secured **FirstPrize** for a paper presentation on" Design of water supply network using EPA.NET in National level Technical symposium – STHAPATHYA' 13 at JNTU, Hyderabad held on 14th& 15thMarch, 2013under the guidance of Dr. M. Anjaneya Prasad.
K. Pavani and M. Apoorva, B.E 4/4	Secured First Prize for a paper titled "Linear Programming Model" in National level Technical symposium – ATMOS 2012 at BITS, Pilani, Hyderabad Campus on 27th December 2012 under the guidance of Dr. M. Anjaneya Prasad.
R.Ashwini and Deepak kumar, BE 4/4	Secured **Second Prize** for a paper titled " Significance of Geotechnical Engineering" in National level Technical symposium – STHAPATHYA' 13 at JNTU, Hyderabad held on 14th&15thMarch, 2013
R.Lohitha, T.Jayanth Kumar, BE 4/4	Secured **Second Prize** for a paper titled " Building information modeling" in National level Technical symposium – STHAPATHYA' 13 at JNTU, Hyderabad held on 14th&15th March, 2013

2014-15

Name of The Students	Prize / Awards
B.Shuba Deepthi and K.Mounika, B.E 3/4	Secured **Second Prize** for a paper presentation in ACUMEN CIVIL 2014 at Vasavi College of Engineering, Hyderabad.
T.Mani Kanta, B.E 3/4	Secured **First Prize** for a paper presentation in National Level Technical Symposium "NIRMAN 2014" at University College of Engineering, Osmania University, Hyderabad.
Mohammed Shoaib Ayjaz and Mohd. Aliuddin,B.E 3/4	Secured the **Best Design Award – Bridge** in the event "CIVIL SIMPLIFIED (IIT KANPUR)" at ESCI, Hyderabad during the summer internship program.
Ch.Amulya Devi, G.Bharath Kumar, S.Saikiran and B.Sanjuna, BE 4/4	Secured **Second Position** in the event "BRIDGE BUILDER" conducted by IIT Hyderabad at ELAN, 2014.

30. Seminars/conferences/workshops organized and the source of funding with details of outstanding participation if any:

2011-13

Module Description	Duration	No. of participants Staff and Students
National Seminar on World Water Day-Water and Food Security- Issues and Challenges"	March 22, 2012	80
Two day workshop on "Good Concrete Construction practices (GCCP-2012)	August 17-18, 2012	180
Geosynthetic in infrastructure-Issues and Challenges (GEOINFRA -2012)	August 25-26, 2012	100
One day Seminar on Seismic Resistant Design of Buildings and Trusses Using Struds V11	Sept. 3, 2012	75
Two day hands on workshop on Seismic Resistant Design of Buildings and Trusses Using Struds V11	Sept. 8-9, 2012	90

2013-14

1. **Prof. V.Bhikshma and Dr. D.Rupesh Kumar** organizedThree-DayNational Conference on "Recent Advances in Structural Engineering" during 12-14, September, 2013.
2. **Prof. M.Gopal Naik**organized"13th National Level Technical Symposium – NIRMAAN2014" during March 14-16, 2014.
3. **Prof. M.Gopal Naik and Mrs. S.V.S.N.D.L.Prasanna** organized One-Day National seminar on "World Water Day: The Nexus of Water and Energy" on 22ndMarch, 2014.
4. **Mrs. K.L.Radhika** organizedOne-Day Workshop on "Awareness and Empowerment of Women AEW2K14" on10thMarch, 2014.
5. **Mrs. K.L.Radhika, Mrs. D.Annapurna and Mrs. P.Anuradha**organized One-WeekFaculty Development Programme on "MSC-NASTRAN (Hands on Experience)" during 12th to 17th May, 2014.
6. **Dr. M.V.S.Sreedhar** organized One-Day Seminar "Geopractices-2013" on 4th October, 2013.
7. **Dr. M.V.S.Sreedhar** organized One-Day Seminar "Geoapps-2014" on 4th April, 2014.
8. **Dr. D.Rupesh Kumar,**Executive council & organizing committee member for Two-Day National Level Workshop on "Recent Advances in Concrete Technology (RACT)" during 19-20, March, 2014.
9. **Dr. D.Rupesh Kumar,**Executive council & organizing committee member for Three-Day International Conference on "Innovations in Concrete for Meeting Infrastructure Challenge (ICI-IWC)" during 23-26, October, 2013.

10. **Dr. D.Rupesh Kumar,** Executive council & organizing committee member for One-Day Technical Discussion on "Use of High Strength Reinforcing Steel in RC Structures and Associated Issues" on 17th July, 2013.

2014-15

Faculty Name	Title	Dates	Sponsored by
Prof. M. Kumar &Dr.M.V.S.Sreedhar	Combating corruption – Technology as an enabler	29th October 2014	Power Grid Corporation of India
Prof. M. Kumar, Dr.M.V.S.Sreedhar &Mrs.D.Annapurna	Engineering Research Methodologies - 2014	12-13 September 2014	TEQIP-II
Prof. M. Kumar, Mrs.D.Annapurna&Mrs.S. V. S. N. D. L. Prasanna	Recent Research Advances in Civil Engineering (RRACE-2014)	7-8 November 2014	TEQIP-II
Mrs. K. L. Radhika	Better health awareness & life	9th March 2015	UCE, OU
Dr.M.V.S.Sreedhar	Laboratory demonstration for ESCI trainees	5th August 2014	ESCI, Hyderabad
	Geotechnics for irrigation projects	28th August 2014	IGC, Hyd chapter
	NIRMAAN - 2015	7-8 March 2015	CED, UCE(A), OU
Mr. R. Rajender	LaTeX – A Document Preparation System	4th April 2015	TEQIP-II

2015-16

Faculty Name	Title	Dates	Sponsored by
Prof. M. Kumar, Prof. V. Bhikshma & Dr. D. Rupesh Kumar	Three-Day International Conference on Innovations in Structural Engineering(IC-ISE-2015)	14-16 December 2015	TEQIP-II
Dr. P. Raja Sekhar & Mr. K. Shashikanth	Engineering Research Methodology - 2016	29-31, January, 2016	TEQIP-II
Dr.M.V.S.Sreedhar	Laboratory demonstration for ESCI Trainees	14.02.16	ESCI, Hyderabad
	NIRMAAN-2016	4-5, March-2016	CED, UCE (A), OU.
Dr. R. Srinivasa Kumar	Land Surveying using Auto Level, GPS & Total Station	6-7, November 2015	CED, UCE (A), OU.
Mr. K. Shashikanth	Engineering Graphics using Auto CAD	9, October, 2015	TEQIP-II

31. Code of Ethics for research followed by the departments:

Department follows the guidelines set forth by the University.

32. Student profile course-wise.

S. No	Students		2014-15	2013-14	2012-13	2011-12	2010-11
1	Registered	Boys	32	43	51	40	59
		Girls	24	22	20	22	19
2	Passed	Boys	27	38	40	39	53
		Girls	23	19	17	22	19
3	Percentage Passed	Boys	84.4	94	86	99.9	95
		Girls	95.8	95	96	100	100

33. Diversity of students:

Name of the course	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
UG	75	10	--	15
PG	10	80	--	15

34. How many students have cleared Civil services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Academic Year 2015-16:

Category	Number of students
Civil Services	05
GATE	25
State Govt. Exams	30

35. Student progression

Student progression	Percentage against enrolled
UG to PG	40
PG to Ph. D	15
Ph. D to Post-Doctoral	NIL
Employed	
• Campus selection • Other than campus recruitment	45 30
Entrepreneurs	--

36. Diversity of Staff

Percentage of faculty who are graduates	
of the same university	86
from other universities within the state	14
from universities of other states	--
from universities outside the country	--

37. Number of faculty who were awarded Ph.D during the assessment period:

02

Dr. K. Shashikanth

Dr. K. L. Radhika

38. Present details of infrastructural facilities with regard to

a) Library :

The following books are available in the department library

1. Reference Books - 761
2. Text Books - 1599
3. General Books - 200
4. Journals (ACI, National, International) - 688
5. Code Books - 200

b) Internet facility for staff and students:

All the Staff members have access to internet through computers to their cabins. Students are provided with internet facility in the computer lab.

c) Total number of classrooms: UG – 4, PG – 6, Drawing Halls – 2

d) Classrooms with ICT facility: 06

e) Student laboratories:

i. Materials Testing Lab
ii. Concrete and Structures Lab
iii. Transportation Engineering Lab
iv. Geotechnical Engineering Lab
v. Fluid Mechanics Lab
vi. Environmental Engineering Lab
vii. Surveying Lab
viii. Computer Lab
ix. Geology Lab

f) Research Laboratories:

All the above laboratories are upgraded periodically with the state of the art equipment with the help of research and development grants received from the UG, MHRD, AICTE and other funding agencies.

39. List of doctoral students and research associates

c) From host university: (Ph.D awarded)

d) List of Research Scholars

S. No	Faculty Name	Students Name
1	Prof M. Kumar	N. Malathi
		Vidhya P. Durshena
		K. Pandu
		Shaik Beebi Asia
2	Prof. Ravande Kishore	Sreenivas Reddy
3	Prof. V.S.S. Kumar	Sridhar
		Syed Azhar
		B. Vikram
		Ch. Mahesh Kumar
4	Prof. N. Murali Krishna	P. Anuradha
		V.A. Padmanabha Rao
		G. Ramakrishna
5	Prof N. Suresh Kumar	S.L. Naarayana
		G.V. Raghava Rao
		G. Pulla Rao
6	Prof. V. Bhikshma	M. Sujan
		P. Pandu Rangaiah
		T. Chatrapati
		Mohd. Younus Saleem
7	Prof M. Anjaneya Prasad	K. Manasa
		K. Mahesh Kumar
		A. Saraswathi
		G.N. Vinay Kumar
8	Prof. M. Gopal Naik	Maheshwar Reddy
		Qamar Sultana
		V. Santosh Kumar
		G.N. Manasa Priyadarshini
9	Dr. R. Sreenivas Kumar	K. Shyam Sunder
		R. Laxman Reddy
		P. Venkat Ram Reddy
		V. Bhaskar
10	Dr. Rupesh Kumar	C. Ganapathi Prasad
		N.S.S.V. Sarma
		L. Ajay Kumar
		A. Krishna Rao

- From other universities: NIL

40. No. of PG students getting financial assistance from the university: Through TEQIP-II and AICTE

41. Was any need assessment exercise undertaken before the development of new programmes? If, so highlight the methodology.

42. Does the department obtain feedback from

g) Faculty on curriculum as well as teaching-learning-evaluation? If

Yes, how does the department utilize the feedback?

Yes, for changing the syllabus, upgrading the teaching methodologies.

h) Students on staff, curriculum and teaching-learning evaluation and how does the department utilize the feedback.

Yes, the feedback is passed in to the faculty members with the suggestion to improve, so that their score reached above 5.

i) Alumni and employers on the programmes offered and how does the department utilize the feedback.

Yes, for upgrading the syllabus in order to meet the industry requirements and to have hands-on experience with the new technologies.

43. List the distinguished alumni of the department

Name	Designation
Er. Dhan Singh	Engineer-in-chief, GHMC, Hyderabad
Er. L. S. Rao	Chief Engineer, SCR, Hyderabad
Er. Mohd Ziauddin	Chief Engineer, Hyderabad, Metro line
Er. T. Venkatesh Rao	General Manager, L & T
Prof. N. V. Ramana Rao	Registrar, JNTU, Hyderabad
Prof. N. V. Uma Mahesh	Professor – NIT, Warangal
Sri. K. Siva Kumar	Irrigation Dept.
Sri. C.L. Waghray	Prof & Consultant
Sri. S. Vishnu Vardhan	Walamtari
Sri. K. S. Raju	Scientist-G, NRSA

44. Give details students enrichment programmes (special lectures/workshops/ seminars, involving external experts)

S No	Topic the Guest Lecture	Name of the Expert
1	Concrete Technology for 21st Century	Prof. M. S. Shetty
2	Challenges and Opportunities for Civil Engineers	Dr. V. Ramachandra

3	Tall Buildings	Prof. N. V. Raman Rao
4	Engineering of Ground	Prof. Madhav
5	Earth – Our Heritage and Engineering View point	Prof. G. V. Rao
6	Indian Monsoon under change in climate	Prof Subimal Ghosh
7	Land Use, Integrated Transportation Infra &Sustainable Mobility For Indian Cities	Prof S.L. Dingra

45. List the teaching methods adopted by the faculty for different programmes.

Power point presentation, Assignments, Review of Journal

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Based on the feedback from the students.

47. Highlight the participation of students and faculty in extension activities.

Students from all four years participate in different activities likes Engineers Day, Smanvaya (Placement activity,), Sanskrithi (Cultural activity), NIRMAAN (students technical symposium), Life style, Quizzotic (inter university students techno-general Quiz), AKANSHA, LIVE GREEN, SPRUHA.

Most of the faculty members are actively involved in delivering Guest Lectures at ESCI- Hyderabad, various institutions, Government and Private organizations in different areas.

48. Give details of "beyond syllabus scholarly activities" of the Department.

Department arranges guest lectures and seminars for the students and staff pertaining to the upcoming technologies. Students undergo summer internship as a part of their curriculum by visiting various organizations.

49. State whether the programme/ Department is accredited/ graded by other agencies.

Yes, department has undergone for NBA accreditation both for UG and PG courses (Structural Engineering and Water Resources Engineering).

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Department has started two new programmes in PG namely, Infrastructure Engineering (this specialization includes areas of Structures, Water Resources, and geotechnical engineering) and Transportation Engineering.

51. Detail any five strengths weaknesses opportunities and challenges (SWOC) of the department:

Strengths:

1 Highly qualified and motivated Staff.

2 Ample floor space. Imposing and magnificent building with learning ambience.

3 Structured curriculum. Well established laboratories with good learning ambience.

4 Good in internal revenue generation, thus facilitating better and improved facilities for effective teaching-leaning process.

5 Availability of well-equipped library with classical and latest literature and availability of computational and internet facilities to staff and students.

6 Excellent employment opportunities through campus placements.

7 Alumni holding high positions spread across the globe.

Weakness of the Department:

1. Shortage of regular Faculty members and non- teaching staff.
2. Lack of funding for the development of laboratories and student's practical training programmes.
3. No special incentives for innovative and extraordinary academic contribution.
4. Lack of Infrastructural facilities like Toilets for Boys and Girls and Wi-Fi Net facilities.
5. Insufficient funding for upgrading skills of technical supporting staff.

Opportunities:

1. Ample scope for augmenting more IRG with the availability of highly qualified staff.
2. Expert Lectures from Industry personnel.
3. Sponsored research and training from industries.
4. Availability of ample research funding from various funding agencies.
5. Availability of PG students to undertake Research/consultancy assignments.
6. Utilization of alumni services for strengthening Industry-Institute interaction.
7. Community service through skill up gradation and awareness programmes for skilled and semiskilled construction workforce.
8. Opportunities to attend conferences/workshops-training programmes.
9. Collaborative research with other educational / research institutions.
10. High Potential for admitting foreign students.

Challenges:

Introduction of new courses to address the positions of societ6y with

1. Low – Cost housing

2. Eco-friendly architecture

3. Environmental Safety Measures
4. Sustainable buildings
5. Disaster Mitigation

52. Future plans of the Department:

The Department is planning to extend the research activities in the advanced fields of Civil Engineering and ion the inter disciplinary areas like fuzzy logic, wind analysis, expert systems, and finite element analysis, nanotechnology, micro-simulation, sustainable materials for civil engineering and special concretes: In addition the Department contemplates research activity in emerging areas like environmental pollution, geo-textiles, flood forecasting, water resources management, irrigation, waste water treatment, water management with particular reference to drip and sprinkler irrigation, artificial intelligence, transportation planning and modeling, micro-simulation and GIS & GPS applications in civil engineering. Geo-informatics, Geo-environmental engineering, and computer applications in civil engineering are some more areas contemplated for future research in the Department has ambitious plan of developing heavy structures laboratory with heavy duty test floor for large structural components and models for static, cyclic and dynamic loads.

***

Department of Computer Science & Engineering

1. Name of the Department : Computer Science & Engineering
2. Year of establishment : 1981
3. Is the department part of a school/ Faculty of the University?

   Yes, Faculty of Engineering& Faculty of Informatics

4. Name of Programmes/ Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters, Integrated Ph.D. etc.):

Programme	Full-Time / Part-Time	Year of Starting	Duration (yrs)	Intake
B.E. (CSE)	Full Time	1985	4	60
M.C.A.	Full Time	1990	3	60
M.Tech. (CSE)	Full Time	1981	2	26*
M.Tech. (PDS)	Full Time	2007	2	18*
M.Tech. (CSE)	Part Time	1991	3	30
M.Tech. (ECS)	Full Time	2013	2	18
Ph.D.(CSE)	Full Time	1987	4	-

5. Interdisciplinary courses and departments involved: YES (10)

   ECE, BME, EE, CIVIL, ME

6. Courses in collaboration with other universities, industries, foreign institutions etc

   IRISET (Indian Railway Institute of Signaling Engineering and Telecommunication) M.Tech (Railway Signaling and Telecommunication Engineering)

7. Details of programmes/ courses discontinued, if any, with reasons: Nil
8. Annual/ Semester/ Choice Based Credit System:

   Semester based system with Choice Based Credit System

9. Participation of the department in the courses offered by the departments:

   ECE : Operating Systems, Database Systems, Computer Programming and Problem Solving, Managerial Economics and Accountancy, Interactive Computer Graphics, Systems & Software Engineering for M.Tech (RSTE)
   EE: Operating Systems, Managerial Economics and Accountancy
   ME : Computer Programming and Problem Solving

10. Number of teaching posts sanctioned and filled (Professors/ Associate professors/ Asst. Professors)

Designation	Sanctioned	Filled
Professor	3	6
Associate Professor	6	5
Assistant Professor	7	6

11. Faculty profile with name, qualification, designation and specialization

Sl No	Name of the Faculty	Qualifi-cation	Designation	Areas of Specialization
1	Prof. S. Sameen Fatima	Ph.D	Professor	Information Retrieval Systems, Text mining
2	Prof. A. Venugopal Reddy	Ph.D	Professor	Functional languages, Mobile computing, Advanced Algorithms.
3	Prof. P. Premchand	Ph.D	Professor	Image Processing
4	Prof. S. Ramachandram	Ph.D	Professor	Mobile Computing, Grid Computing, and Distributed Computing.
5	Prof. P. V. Kumar	Ph.D	Professor	DBMS,Temporal Database,and Analysis of Algorithms
6	Prof. P. Ram Kumar	Ph.D	Professor	Object Oriented Software Engineering, Simulation, and Workflow Automation
7	Mr. M. VenkatDass	M.Tech	Associate Professor	Automata Languages and Computations, Data Mining, and Compilers
8	Mr. S. RamBabu	M.Tech	Associate Professor	Computer Graphics, Image Processing
9	Mr. S. SrinivasaRao	M.Tech	Associate Professor	Text Classification and Information Security
10	Mr. L. K. Suresh Kumar	M.Tech	Associate Professor	Network Security issues and Cloud computing
11	Dr. K. Shyamala	Ph.D	Associate Professor	Parallel Computer Architecture, CAD algorithms for VLSI and FPGAs, and Embedded Systems
12	Dr. P. V. Sudha	Ph.D	Assistant Professor	Distributed Computing and Cloud Computing.
13	Dr. V.B. Narasimha	Ph.D.	Assistant Professor	Computer Networks, Operation Research, Software Engineering
14	B. Sujatha	M.Tech	Assistant Professor	Operating Systems, Data Structures, DBMS, Web Programming
15	M.A. Hameed	M.Tech	Assistant Professor	Data Mining, Soft Computation, Big Data, Machine Learning
16	E. Pragnavi	M.Tech	Assistant Professor	Operating Systems, Embedded System, DC, Cn & NS
17	V. Sukanya	M.Tech	Assistant Professor	Mobile Computing, Databases, Networks

12. List of senior visiting fellows, faculty, adjunct faculty, emeritus professors

Sl. No.	Name	Institute/ Industry	Position
1.	Mr. Subramanyam	TCS	Visiting Fellow
2.	Mr. Sethuraman,	Microsoft	Visiting Fellow
3.	Mr. Ramesh Loganathan	Progress Software	Visiting Fellow
4.	Dr. Ashit Talukder	NIST, USA	Visiting Fellow

5.	Dr. Jabbas	Aurora Engg. College	Visiting Fellow
6.	Prof. Veerabhadra Rao	NRSC	Adjunct faculty
7.	Dr. Naresh Kumar	NRSC	Adjunct faculty

13. Percentage of classes taken by temporary faculty-programme-wise information

S.No.	Programme	Percentage
1	B.E	40
2	M.Tech.(CSE)	10
3	M.Tech.(PDS)	20
4	M.Tech.(ECS)	20
5	MCA	50

14. Programme-wise Student Teacher Ratio:

BE: 19 : 1

M.Tech.(CSE/PDS/ESC) : 4:1

Note: For calculating Student Teacher ratio we have also taken Assistant Professors(Contract) into consideration

MCA: 36:1

Note: The Department of CSE is also offering the three-year MCA course in the Self-Finance Scheme. The MCA course comes under the Faculty of Informatics.

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Designation	Sanctioned	Filled
Programmer	2	2
Technical	1	Nil
Administrative	2	Nil
Supportive	2	2

16. Research thrust areas recognized by funding agencies

S. No.	Research Thrust Area	Funding Agency
1	Cloud Security	Cipher Cloud
2	Cloud Resource Management	UGC
3	Energy Management in Cloud	TEQIP-II
4	Security in mobile ad-hoc	UGC

	networks	
5	Parallel Processing	TEQIP-II

17. Number of faculty with ongoing projects from a) national b) international funding Agencies and c) total grants received. Give the names of the funding agencies and grants received project-wise.

S.No	Name of the Faculty	Funding Agency	Grant received (Rs.)
1.	Prof S.Ramachandram	UGC	6.04 lakhs
2.	Mr L.K Suresh Kumar	UGC	3.8 lakhs
3.	Dr K.Shyamala	TEQIP-II	1.0 lakh
4.	Mrs P.V. Sudha	TEQIP-II	1.0 lakh
5.	Mr M.A.Hameed	TEQIP-II	1.0 lakh

18. Inter institutional collaborative projects and grants received

a) All India collaboration, b) International

Nil

19. Department projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc., total Grants received.

S.No	Name of the Faculty	Funding Agency	Grant received (Rs.)
1.	Prof S.Ramachandram	UGC	6.04 lakhs
2.	Mr L.K Suresh Kumar	UGC	3.8 lakhs

20. Research facility /center with

- State recognition Nil
- National recognition Nil
- International recognition Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies

Cloud Computing Lab with CipherCloud Pvt. Ltd. at TDC, UCE, OU

22. Publications:

*	Number of papers published in peer reviewed journals (national/international)	13/5 (18)
*	Monographs	--
*	Chapters in Books	--
*	Edited Books	--
*	Books with ISBN with details of publishers	--

*	Number listed in International Database	3
*	Citation Index – range/average	
*	SNIP	
*	SJR	
*	Impact Factor – range/average	1.5
*	h-index	

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated: Cloud Security

25. Faculty selected nationally/ internationally to visit other laboratories in India and aboard

Dr. K. Shyamala visited University of Tokyo, Japan

26. Faculty serving in.

1) National committees:
   a. Prof.S.Ramachandram
   b. Prof.P.Premchand
   c. Prof.S.Sameen Fatima
   d. Dr.K.Shyamala

2) International:
   a. IEEE
   i. Prof.S.Ramachandram
   ii. Prof.P.Premchand
   iii. Prof.S.Sameen Fatima
   iv. Dr.K.Shyamala

3) Editorial boards:
   a) IEEE
   i. Prof.S.Ramachandram
   ii. Prof.P.Premchand
   iii. Prof.S.Sameen Fatima
   iv. Dr.K.Shyamala
   b) JOLPE
   Dr.K.Shyamala

4) Any other (please specify): -NIL-

27) Faculty recharging strategies

Name of the Faculty	Training programme attended	Duration	Organisation	Place
M.Venkat Dass , P.V.Sudha &	Banking	29 & 30th June,	IDRBT	Hyderabad

M.A.Hameed	Technologies	2015		
P.V.Sudha, E.Pragnavi & V.Sukanya	Software Define Networks Key to Cloud Computing	25 – 26th September, 2015	IDRBT	Hyderabad
Prof. S. Sameen Fatima	Certified Apache Hadoop developer training	8-10 Jan, 2014	UNICOM	Hyderabad
M. Venkat Dass	Control instrumentation, Energy and Communication	31 Jan – 2 Feb, 2014	Univ of Calcutta	Calcutta
L.K. Suresh Kumar & Dr. K. Shyamala	Enhancing quality of Technical Education and Research	10-31 Aug., 2014	IIT Hyd	Hyderabad

28) Student projects

a)	Percentage of students who have in house projects including inter-departmental projects:	50
b)	Percentage of students doing projects in collaboration with other universities/industry/institute	50

29) Awards/ recognitions received at the national and international level by

Faculty:

S.No	Name of Faculty	National /International	Details of award
1	Prof S.Ramachandram	National, 2016	Best Engineer's Award
2	Prof S.Ramachandram	State Level, 2013	Best Teacher Award, by Govt. of A.P.

Doctoral/ post-doctoral fellows: --

1. Dr.K.Shyamala,obtained Ph.D from IIT Madras in July, 2013. The Title of the Thesis is "Performance, Area and Timing Optimization forLookup-Table based FPGA's".
2. Dr.P.V.Sudha, obtained Ph.D from JNTUH in October, 2016. The Title of the Thesis is "Prediction of Resource Requirements in Google Compute Cloud"

Students:

Sl No	Name	Year	Title
1	Mr.P.Sateesh Chandra	2016	Placed through campus interview in DESHAW pay

	Reddy		package of 22 lakhs per annum
2	Ms.Preethi	2016	Received scholarship of amount Rs.40,000 from cognizant
3	Qumar Fatima	2016	Selected as GSA(Google Student Ambassador)
4	Rasagna Veeramallu	2014	Received Best Project Award
5	Ms.Sai Sneha	2015	Selected as Microsoft student Partier
6	Mr.Ali Mohsin Kaittan	2013	Certified Paper in International Journal of Merging Technology and Advanced Research in Computing
7	Ms.P.Spandana	2013	Second Prize for Beginners Crossing Boudaries
8	Ms.Padmaja	2012	Short Listed for the award of CSIR Senior Research Fellowship
9	Mr. Abhilash Mr. Venu Madhav	2012	Second Prize. Embedded Redtaction
10	Ms. Yogitha	2011	First Prize, Code Cloning

30) Seminars/ Conferences/ Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any.

Sl No	Conference details	Duration / Funded by	Resource Details/Target audience
1	International Conference on Computing and Communication Technologies Cosponsored by IEEE Hyderabad Section, Computer Society of India, Hyderabad Chapter	11-13th Dec – 2014	Dr.Geeta Varadan, Director, ADRIN, ISRO,
2	National Conference on Big Data Analytics & Cloud Computing Cosponsored by CSI SIG-BDA	29-31st December, 2015	Dr.Vishnu Pendyala, CISCO, Dr.S.Pyne, AIMSCS Prof.Krishna Reddy, IIIT, Hyderabad Shastry Varanasi, India Delivery Head Wipro
3.	Network Simulator-3	25-26 April, 2014	L.K. Suresh Kumar, Dept. of CSE, OU
4.	Cloud Computing and Security Issues (Faculty Development), Cosponsored by M/S Cipher Cloud.	12-13 July 2012	Prof. Lakshmi, SERC, Bangalore Dr. Shastri, IDRBT, Hyderabad Dr. Brihadishwar, IIIT, Hyderabad Resource persons from IBM, Cipher Cloud and TCS (JNTU and OU Affiliated Colleges)
5.	Data Mining (Faculty Development) Cosponsored by AMSSOI and IEEE student chapter	27 Feb- 2 Mar- 2012	Dr Naresh, Head, NRSC, Dept of Space Prof Vikram Pudi, IIIT-Hyd Dr RadhaKrishna, InfoSys (JNTU and OU Affiliated Colleges)
6.	Embedded Systems Concepts and Emerging Technologies (Learning Industry Needs)	25- 26 May 2012	Mr.V.Rajanna. TCS (JNTU and OU Affiliated Colleges)
7.	LINUX (Acquiring Programming skills)	28 – 30 Dec. 2011	Dr. Jabbas, Aurora Engg. College (M.Tech. and B.E (CSE & ECE) students)

31) Code of ethics for research followed by the department

- Departmental Research Committee gives
  - Lot of importance to originality, innovative ideas and quality of the research work. The department strongly believes that plagiarism in any form should be discouraged and condemned. Also, due importance is given to research work i.e. genuine and relevant to the state-of-art technologies.
  - The dept. also believes that research work done by student / scholar should be useful to the society and also exemplary.
  - The dept. also holds the opinion that sincere and hardworking students having good knowledge and good analytical skills should be encouraged to do research and in turn they may also be paid scholarship / stipend.

32) Student profile course-wise:

Name of the Course	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
B.E (CSE)	Selection process takes place through EAMCET ranks	28	35	94	99
MCA	Selection process takes place through ICET ranks	28	19	80	90
M.Tech (CSE), (PDS), (ECS)	Selection process takes place through GATE / PGECET	12/5/8	9/10/7	85	93

33) Diversity of students

Name of the course	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
MCA	65	25	5	5
M.Tech (CSE)	35	55	5	5
M.Tech(PDS)	35	60	5	0
M.Tech (ECS)	35	60	5	0
Ph.D (CSE)	20	50	20	10

34) Students who have cleared Civil Services and Defence Services examinations, NET, SET, GATE, and other competitive examinations.

Sl. No	Competitive Exam	No. of students Cleared (2009-2012)	No. of students Cleared (2012-2016)
1	Civil Services	02	NIL
2	Defence Services	10	NIL
3	GATE	67	55
4	GRE/TOEFL	70	60
5	NET	02	NIL
6	SET		NIL
7	Other competitive	15	NIL

35) tudent progression

Student progression		Percentage against enrolled
UG to PG		30
PG to M.Phil		-
PG to Ph.D		20
Ph.D to Post-Doctoral		-
Employed	• Campus selection	76 (2009-10) 94 (2010-11) 95 (2011-12) 80 (2012-13) 90 (2013-14) 181 (2014-15) 156 (2015-16)
	• Other than campus recruitments	30
Entrepreneurs		5

36) Diversity of staff

Percentage of faculty who are graduates	
of the same university	40
from other universities within the state	40
from universities of other states	20
from universities outside the country	0

37) Number of faculty who were awarded Ph.D., D.Sc and D.Litt. during the assessment period:
Two Ph.Ds (Dr. K. Shyamala and Dr.P.V.Sudha)

38) Present details of infrastructural facilities with regard to

a) Departmental Library:

Numbers available in the department				
Books	Journals		CD's VCD's Multimedia	Any other, Please Specify
	National	International		
7004	--	190 (common access)	2500	--

b) Internet facilities for staff and students

All labs in CSE Department has internet facility with floor area (sq.ft) 600 each

Name of the Lab.	Available floor area (sq.ft)	Maximum batch size	purpose
Internet-Lab	600	30	For Internet access

c) Classroomsinthe Department

Five

d) Class rooms with ICT facility:

Room Description	Capacity	Rooms Equipped with
Class Room No. B206	80	Green board, White board and OHP Projectors
Class Room No. B201	80	Green board, White board and OHP Projectors
Class Room No. B210	80	Green and White board, OHP Projectors and LCD Projectors
Class Room No. B209	80	Green and White board, OHP Projectors and LCD Projectors
Class Room No. A102	100	Drawing boards, Stools, Chairs and Green board

e) Students Laboratories

Sl No	Name of the Lab	Equipment/ Facilities
1.	Software Lab-1 (Srinivasa Ramanujan)	Hardware : 36 Desktop machines (Intel Core i5 processor, 4GB RAM, 500 GB Hard Disk) Software : Linux / Windows, Oracle 10 g Std Edition, MS-Office, Java
2.	Software Lab -2	Hardware : 32 Desktop machines (Core 2 Duo,1GB RAM, 250GB Hard Disk) Software : Linux/ Windows, Oracle 10 g Std Edition, MS-Office, Java
3.	Software Lab-3	Hardware : 32 Desktop machines (Intel Core i5 processor 4GB RAM, 500 GB Hard Disk) Software : Linux / Windows Oracle 10 g Std Edition, MS-Office , Java
4.	Software Lab-4	Hardware : 42 Desktop machines (Dual Core, 1GB RAM, 80 GB Hard Disk) Duo,1GB RAM, and 250GB Hard Disk) Software: Linux / Windows, MS-Office , Java, Visual Studio
5.	Embedded System Lab & Microprocessor Lab	Hardware : 18 Desktop machines (i3 processor, 4 GB RAM, 500 GB Hard Disk) & 8085Based Micro- processor Kits : 20, 8051 Based Micro-controller Kits : 30, FPGA : 20, Arm kits: 20, Software: Windows MS-Office, SPJ Compiler, Xilinx, Keil, Icarus verilog.
6.	Server Room (All the nodes in all the labs can access the Servers)	Intel Xeon E5-2420, @ 1.90 GHz Processor, 16GB RAM, 2x300GB 6G SAS HDDSMART ARAY with 1GB
		Intel Xeon E5-2640, @ 2.00 GHz x 2 Processor, 128 GB RAM (7x16GB RAM), 4x600, GB 6G SAS HDD SMART

		ARAY with 1GB
		Software's : Windows 2012, Data Centre, Windows 2008/ VM Ware, Cent O.S 6.6 / Web Server, W HP Matrix Cloud, Oracle 12C, IBM SPSS modular,
8.	Networking Devices (All the computers of the Dept are on a LAN both wired and wireless)	• 1 Cisco 4503 Catalysist L3 switch, • 9 Cisco L2 Switch 5000, • Wi-Fi : 14 Access Points
9.	Cloud Computing Lab	10 Desktop Machines (Dual Core)with Windows and Linux, Hp DL380P servers-3 and 24port 1Gb Ethernet switches-3

f) Research Laboratories

Sl No	Name of the Lab	Equipment/ Facilities
1.	R &D – Lab	Hardware : 16 Desktop machines (Core 2 Duo, 4GB RAM, 250GB Hard Disk), Software: Linux/Windows, MS-Office, Java, NS-2 Tool , Globus Tool Kit 4.0, IBM SPSS Text Analysis Tool
2.	Cloud Computing Lab	10 Desktop Machines (Dual Core)with Windows and Linux , Hp DL380P servers-3 and 24port 1Gb Ethernet switches-3

39) List of doctoral, post-doctoral students and Research Associates:

a) from the host university

Doctoral:

Sl No	Name of the Scholar	Supervisor	Year
1.	Mrs Padmaja	Prof S Sameen Fatima	2009
2.	Mr M Raghu	Prof Lakshi Rajamani	2009
3.	Mr Praveen	Prof P V Kumar	2012
4.	Mrs Swetha	Prof S Ramachandram	2010
5.	Mr I Govardhan	Prof S Ramachandram	2008
6.	Ms.Rani Dharavat	Dr.V.B.Narasimha	2013
7.	Mr.A.Vijender	Prof.P.Ram Kumar	2014
8.	Ms.D.Raajeshwari	Dr.K.Shyamala	2015
9.	Ms.Sandhya Rani	Dr.K.Shyamala	2016
10.	Kamelia	Dr.K.Shyamala	2016
11	Humera Shaziya	Dr.K.Shyamala	2016
12	C.Mutyala Rao	Dr.K.Shyamala	2016
13	Sai Kumar	Prof.S.Ramachandram	2016
14	Asra Ahmed	Prof.S.Ramachandram	2016
15	B.Madhu	Prof.P.Ram Kumar	2016

a) from the host university

Nil

40) Number of post graduate students getting financial assistance from the university:

20	M.Tech (CSE)	from AICTE	(2009-10)
20	M.Tech (CSE)	from AICTE	(2010-11)
20	M.Tech (CSE)	from AICTE	(2011-12)
18	M.Tech (ECS)	from AICTE	(2013-14)
20	M.Tech (CSE)	from AICTE	(2014-15)
20	M.Tech (CSE)	from AICTE	(2015-16)
18	M.Tech (ECS)	from AICTE	(2014-15)
18	M.Tech (ECS)	from AICTE	(2015-16)

41) Was any need assessment exercise undertaken before the development of new programme(s)? if so, highlight the methodology.

Employer survey, Industry - Interaction Programs and Alumni feedback is considered for assessment.

42) Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize the feedback?

Yes

b. Students on staff, curriculum and teaching-learning evaluation and how does the department utilize the feedback?

Yes

i) Suggesting FDP, Training Programs to Faculty

ii) Allotting subject to faculty

c. alumni and employers on the programmes offered and how does the department utilize the feedback?

For updating syllabus, introducing training programs

INNOVATIVE PRACTICES IN THE DEPARTMENT

- Credit based system has been introduced
- Academic Awards to the students
- Feedback from Students every semester
- Monthly Teachers Review Meeting
- Parent-Teacher Meet
- Extended hours for Library and Learning Resource Centre
- Pedagogy training for newly recruited Teachers
- Access to Computing Resources from Hostels
- Provision in the budget for training of Faculty/Lab Staff
- Compensation of class work on Saturdays for the loss of class work on holidays

Student-feedback:

Feedback is taken from the students every semester per every subject that has been offered. The questionnaire is very objective and is meant for assessing the quality of teaching. Each question in the questionnaire has to be answered by the students on a scale of 1-6(6 highest). The following is the questionnaire for a theory subject:

Questionnaire for theory subject:

1) Rate the course in general
2) Rate the instructor
3) Quality of assignment for learning subject matter
4) Class test papers/solutions to assignment discussed?
5) Effectiveness of the teacher in preparation for exams
6) Did the course improve your understanding of concepts and principles?
7) Instructor's knowledge of the subject
8) Was the instructor enthusiastic about teaching?
9) Did the Instructor make good use of Examples & Illustrations?
10) Interaction with the students
11) To what extent is the teacher a role model

The following is the questionnaire for a practical subject:

Questionnaire for Practical subject:

1) Rate the course in general
2) Rate the Instructors in the lab
3) Did the instructor help you to understand the experiment?
4) Have the experiments designed, helped you in understanding the theoretical concepts
5) Has the course helped you in gaining confidence in doing practical work?

The feedback is computerized and once the feedback is taken, the average ratings in respect of each of the questions in the questionnaire are computed and passed on to the concerned teacher. The feedback mechanism helps the teacher in assessing himself and taking corrective measures to improve the performance. In case of poor performance, the HOD may suitably advice the teacher to take corrective measures.

Training Need Analysis (TNA):

In addition, the feedback also serves the purpose of identifying training needs. The inputs from feedback are useful in identifying weak areas and accordingly, TNA is carried out. The teachers are advised to undergo training to enrich their knowledge. In addition, whenever new subjects are introduced, the teachers concerned are advised to undergo Faculty Development Programme (FDP) before handling the subjects with adequate financial support.

In-house training programme:

In addition, many in-house training programmes are conducted in the thrust areas, so that the teachers are abreast of advances in the computer science and

engineering. The department also conducts Faculty Development Programme (FDP)s for the benefit of faculty members of both the department and other colleges.

Design based experiments in the laboratory:

Design skills are imparted to students through (i) study of concrete examples as case studies, (ii) laboratory assignments to develop real world applications, (iii) engage students in designing systems with off the shelf hardware / software components, (iv) summer internship, and (v) Project work.

43) List the distinguished alumni of the department (maximum 10)

S. No.	Name	Designations
1	Mr. Srihari Raju	Senior Technical Director, NIC, Hyderabad.
2	Mr. S. Secha Chelam	SSD, Computer Group, ECIL
3	Mr. B. Laxman	NRSA, Balanagar
4	Mr. S Niramala	CSD-CMG, ECIL
5	Mr. N. Ramesh Babu	Chairman, Aurora Group of Institutions
6	Mr. Anand Athreya	Vice President, Juniper Networks, San Jose, USA.
7	Mr. Sunil Thirupathi	DGMM Southern Telecom Sub Region , Hyderabad
8	Mr. G. Bhoolokam	Director, CMC, Hyderabad
9	Mr. G. Mallesham	Director, NIC, Hyderabad
10	Mr. Vyagreshwar Rao	Scientist, DRDL, Hyderabad
11	Mr. Sheela Ramanna	Chair & Professor, University of Winnipeg, Dept. of CS, Winnipeg, Manitoba, Canada
12	Mr. C. Raghavendera Rao	Professor, Dept. of SCIS, University of Hyderabad
13	Mr. Salman Moiz	Professor, Dept. of SCIS, University of Hyderabad
14	Mr. Prabhakar Niboori	Principal Engineer, Oracle, San Francisco

44) Details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts.

Expert Lectures by Eminent Professor from Academics:

- Prof. Neil Gogte, Director, KMIT, Hyd, has delivered lecture on "Data Science Applications with Python" on 18th October, 2016.
- Dr. Salman Abdul Moiz, Associate Professor, School of Computer & Information Sciences, University of Hyderabad has delivered lecture on "Modeling Uncertainty in Software Engineering Using Rough Sets" on 22-12-2015

- **Expert talk by Kawahara Yoshihito**, Associate Professor, School of Information Science and Technology, University of Tokyo, Japan titled "Internet of "printed" things-low cost fabrication of autonomous sensing nodes by inkjet printing" on 13th Dec-2014

- **Expert talk by Dr. Chandra Kambhamettu** *University of Delaware Newark, DE, USA, titled* "Big Data Image Analysis, Modeling and Recognition with application towards Human Living" on 12th Dec-2014

- Mrs.Sheela Ramana, University of Winnipeg, Department of Computer Science, Winnipeg, Manitoba R3B 2E9, Canada, has delivered lecture "Pattern Discovery with Loval Near Sets" on 27-10-2012
- Mantena Rayadas, MBA (USA), BE (OU), Manager, Global Database Services, Tele Atlas, USA, delivered a lecture on "Globalization – Outsourcing and Role of India".
- Prof. D. B. Pathak, Department of CSE, IIT Mumbai, delivered a special lecture under TEQIP.
- Mr. P.B. Ramulu, Oracle Corporation delivered a lecture on "Oracle-Enabling-Information-Age".

Expert Lectures by Eminent Professor from Industry:

- Expert talk by Dr.M.Naresh Kumar, Senior Scientist, National Remote Sensing Centre (ISRO), on "Statistical Data Mining Applications with R" 17th October, 2016
- Expert talk by Mr. Raghuram Lanka & Mrs. Mahathi Mahabhashyam, on "Towards cognitive Machines" 17th October, 2016
- **Expert talk by Srinivas Bangalore**, *AT&T Labs-Research, titled* "Human language technology for everyday life" 13th Dec, 2014
- **Expert talk by Vishnu Pendyala,** *Cisco Inc., San Jose, CA, USA* on *"* ***Machine Augmented Healthcare for All***" 12th Dec – 2014
- Expert talk by Dr.Ravi, IDRBT on Social Network Analysis on 19th July-2013
- Expert talk on Hadoop & Map Reduces and Big Data Research Challenges by Dr.Radha Krishna, Infosys, Hyderabad on 20th July-2013

- Dr.Ravindra Surya Lanke, working for Microsoft, USA as Senior Software Design Engineer has delivered lecture "Successful Career in Computer Science" on 17-07-2013
- Mr.Prabhakar Neboori, Oracle Corporation, California, USA has delivered lecture "Identity Management, Web Infrastructure and Cloud Computing" on 08-02-2013
- Rajdeep Dua, Director, Developer Relations, VMWare India and Janakiram MSV, Cloud Specialist, GetCloudReady.com has delivered lecture "Overview of Platform as a Service (PaaS)" and "Developing and Deploying Applications on Cloud Foundry" on 28-12-2012
- Expert talk by Mr.Ramesh Loganathan, Progress Software on 18-02-2012
- Expert talk organize with TCS on Purpose of Estimation, Estimation methods overview with perspective of Industry on 24-01-2012

Workshops Organized by the Department:

Sl No	Conference details	Duration / Funded by	Resource Details/Target audience
1	Cryptography and its Applications cosponsored by TEQIP-II	December 19th – 23rd, 2016	Dr.K.Srinathan, IIITH, Dr.V.Ch.Venkaiah, HCU, (JNTU and OU Affiliated Colleges)
2	PRACTICAL MACHINE learning & DATA SCIENCE (PMLEADS) cosponsored by TEQIP-II	October 17th -18th, 2016	Mr. Raghuram Lanka & Mrs. Mahathi Mahabhashyam, Microsoft Dr. M. Naresh Kumar, Senior Scientist, National Remote Sensing Centre (ISRO), Prof. Neil Gogte, Director, KMIT (JNTU and OU Affiliated Colleges)
3	Cloud Computing and Data Analytics Cosponsored by TEQIP	8th -12th February 2016	Prof.S.Ramachandram, Dept. of CSE, UCE, OU Prof.C.Raghavendra Rao, HCU, Hyderabad (JNTU & OU Affiliated College)
4	"Big Data Analytics" cosponsored by TEQIP	19th& 20th July, 2013	Dr. Somayajulu, HOD, Dept. of CSE, NIT Warangal. Dr.Ravi, IDRBT (JNTU and OU Affiliated Colleges)
5	Cloud Computing and Security Issues (Faculty Development), Cosponsored by M/S Cipher Cloud.	12-13 July 2012	Prof. Lakshmi, SERC, Bangalore Dr. Shastri, IDRBT, Hyderabad Dr. Brihadishwar, IIIT, Hyderabad Resource persons from IBM, Cipher Cloud and TCS (JNTU and OU Affiliated Colleges)
6	Data Mining (Faculty Development) Cosponsored by AMSSOI and IEEE student chapter	27 Feb- 2 Mar- 2012	Dr Naresh, Head, NRSC, Dept of Space Prof Vikram Pudi, IIIT-Hyd Dr RadhaKrishna, InfoSys (JNTU and OU Affiliated Colleges)
7	Embedded Systems Concepts and Emerging Technologies (Learning Industry Needs)	25- 26 May 2012	Mr.V.Rajanna. TCS (JNTU and OU Affiliated Colleges)
8	LINUX (Acquiring Programming skills)	28 – 30 Dec. 2011	Dr. Jabbas, Aurora Engg. College (M.Tech. and B.E (CSE & ECE) students)

45) List the teaching methods adopted by the faculty for different programmes.

- Information and Communication Technology (ICT) is extensively used by teachers and students.
- E-learning resources , Online Assignments, Lecture materials , Lab instructions and Lab manuals and
- Lab Assignments are made available to the students online. Students also submit their assignments online.

46) How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Continuous Evaluation is put in place to evaluate the understanding of various aspects of Computer Science and Engineering.
- Two internal Exams are conducted during the semester. Care is taken the questions were asked on all the topics of syllabus. In addition, assignments are also given to students on regular basis to make the students to work at home on the problems related to the topics that are covered in the class room. Finally Semester exam is conducted to evaluate the students on the entire

syllabus of a subject. The marks distribution is as follows: 30% Weightage for sessional (20% weight age for internal exam and 10% weightage for Assignment) and 70% weightage for the Semester exam.

47) Highlight the participation of students and faculty in extension activities:

Prof. M. Venkat Das, Associate Professor of this department is founder of Sanghamitra Walking Foundation (SWF), which is started in the year 2012 to extend his contribution towards the better living of Human kind. The motives of the charitable organization include:

1. Encouraging the citizen to dig Rain Water Harvesting Pit to increase the level of Ground water table,
2. Encouraging and facilitating the planting of trees to reduce the pollution,
3. Designing the Bio-waste pit for facilitating the Bio-waste Management, and
4. Preventing the plastic usage.

Apart from regular Studies, students of Dept. of CSE, UCE (A), OU actively participate in co-curricular and extra-curricular activities. The students are always in forefront in organizing the events time to time and invite the students from other institutes to participate in the events.

Year	Name of the Programme	Convener/Organizing Institute	No. of Participants	Place
2010-11	Samanvaya-(placement activity)	Dr V Uma Maheshwar (Placement Officer)/ University College of Engineering	Students of the college 150	Hyd.
2010-11	Sanskrithi-2010	Mr. Narsimhulu Sanke University College of Engineering	Students of the college 250	Hyd.
2011-12	Samanvaya-(placement activity)	Dr V Uma Maheshwar (Placement Officer)/ University College of Engineering	Students of the college 150	Hyd.
2011-12	Sanskrithi-2011	Mr. Narsimhulu Sanke / University College of Engineering	Students of the college 250	Hyd.
2011-12	IEEE Student chapter	Ms.Revathi / University College of Engineering	Students of the college 250	Hyd.

Following are the details of the events organized by the students:

S.No.	Event Name	CAY: 2016-17	CAY: 2015-16	CAY: 2014-15	CAY: 2013-14	CAYm1: 2012-13
1	Technical Symposia (Infinity)	Infinity – 2k16 Events Conducted: 1. Expert talk 2.paper presentation 3.project presentation 4.code fury	Infinity – 2k15 Events Conducted: 1. Expert talk 2.debugging 3.tech maze 4.paper presentation 5.project	Infinity – 2k14 Events Conducted: 1. Expert talk 2.debugging 3.tech maze 4.paper presentation 5.project	Infinity-2k13 Events Conducted: 1. Paper presentations by participants 2. General Quiz 3. Code Cloning	Infinity-2k12 Events Conducted: 1. Paper presentations by participants 2. General Quiz 3. Code

		5. Hackathon 6. Techrace 7. D'Quest 8. Crypted Wisdom 9. Code' Quest 10. Reverse Coding 11. Poster Presentation	presentation 6.code quest 7.non-technical @ spot events	presentation 6.code quest 7.non-technical @ spot events	4. Expert Talk 5. Movie Making 6. PC medico 7. Movie Making 8. Project Presentations	Cloning 4. Expert Talk 5. PC medico 6. Project Presentations

Infinity is a National Level Technical Symposium conducted by Department of Computer Science and Engineering, Osmania University.

The main goals of the event are as follows:

1. To provide various expert talks, it helps to create an interaction between students and industry.
2. Being a National Level Symposium entails confluence of brains from all over the country.
3. It acts as a center stage to showcase talent of the students through various paper presentations, project presentations and many quizzes.
4. Strengths and weaknesses of the participants, highlighting their learning doesn't end with the end of the event.

Free Style is a general paper presentation competition, motivates the beginners of the campus to make their passion show in the open. It is considered to be the first place where any beginner of the university starts with his first presentation. The students from all the departments participates with an eye to be victorious. The best performing students along with the department are rewarded with awards of recognition. Department of English organizes this event which students look forward in every year.

Benefits

- Visibility among Academia, Industry and the public about your organization.
- Marketing and use of logos on official mukt.in 2010 banners and website.
- Possibility of meeting prospective employees.

Means of giving back to the community for their Free/Open Source Software contribution

STUDENT ACHIEVEMENTS:

The students of our department have always shown utmost interest in taking up activities apart from their curriculum.

To name a few of their achievements:

1. Mr P Sateesh Chandra Reddy placed through campus interview in DEShaw with pay package 22 lakhs PA

2. Preethi- scholarship of amount Rs 40,000 awarded for Dept of CSE students from cognizant
3. Anusha Peddigari & Archana Tandra presented a paper at National Conference on "Big DataAnalytics" organized by Vasavi College of Engineering, Hyderabad.
4. Qumar Fatima and Rasagna Veeramallu selected as GSA (Google Student Ambassador).
5. Mr. Ali Mohsin Kaittan, M.Tech(PDS) certified to have published a paper on "An efficient fully exploiting sptial correlation of compress compound images in adanced video coding" in the Interntional Journal of Merging Technology and Advanced Research in Computing, Vol-I-Issue-II, 2013.
6. Ms.Sai Sneha from BE 3/4 was selected as Microsoft Student Partier
7. M. Gautam is presently a Sun Campus Ambassador.
8. Roopak Bhartee and Ratna Paul are the present Microsoft Student Partners for the university.
9. M. Gautam and Roopak Bhartee won the 2nd prize for our college in *i-Tech Speak*, an inter college paper presentation contest held at *TransITion '09* – a tech fest organized by Cognizant Technology Solutions which had the top 20 colleges from south India selected for participation, for their paper on SOA
10. T. Deepika & K. Yamini presented a Paper on Market Basket Analysis at VNRVJIET and won first prize.
11. A. Ratna Sruthi, N. Sindhuja & N. Mounika presented a paper on Ontology based personalized search at BITS-PILANI Goa Campus and won Certificate of Merit.
12. N. Mounika, S. Sujana & on Stenography & e-Commerce respectively at MJ college and won second prize
13. P. Thejaswi & V. Suma presented a paper on Data Preprocessing for Database marketing at KITS, Warangal and won first prize.
14. T. Deepika & K. Yamini presented a Paper on predicting next item using association rule mining.
15. Y. Madhuri, N. Naveena presented papers on e-Commerce respectively at MJ college and won second prize
16. Mohd mahmood won second prize in paper presentation on Bio-Metrics in Malla Reddy College.
17. Sadat Ali won first prize in Deccan College in I.T. Quiz.
18. Malik and Sadath's two papers got selected in BITS, Pilani.

48) Give details of "beyond syllabus scholarly activities" of the department.

Year	Convener	Organizing Institute
IEEE Student chapter	Faculty : Prof S. Ramachandram Student Convener: Ms. Revathi	University College of Engineering

Department organized workshops/ Seminars/Guest Lectures to facilitate the students and Faculty on state-of-the-art technologies.

Cloud Computing Research Lab was setup in collaboration with Industry in the year 2012 to facilitate the students and faculty towards research in thrust areas.

Students are motivated towards research and their contributions are listed below.

Name of the Student	Title of the Paper	Conference details
S.Padmaja	Comparison of the scope of negation in online news article	International Conference on Computing and Communication Technologies-2014
V.Praveen Kumar	Use of Artificial Intelligence in Cognitive Decision Making	International Conference on Advances in Computing and Information Technology-2014
Rasagna Veeramallu	Classification of elasticity in Cloud with promise of SLA's	International Conference on Advances in Computing and Communication-2014
Ms. Bharathi Ms. Mahija	Energy based routing on unidirectional links in MANETs	National Conference on Computers and Communications ' 2010
Ms. Prathyusha Ms. Manasa S	Power Based Routing to Ensure Reliable Data Transfer in MANETs	National Conference on Computers and Communications ' 2010
Mr. Shailendra		Efficient backup routing scheme in AODV with Unidirectional links

49) Whether the programme/ department is accredited/ graded by other agencies?

NBA Accreditation for 5 years w.e.f 05-08-2013 reference letter no: 11-143/2010/NBA

50) Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Research with potential for future use in Industry in areas of Cloud Security, Cloud Resource Management, Data Mining, Parallel Processing is shown with encouraging results.

51. Detail any five Strengths, Weakness, Opportunities and Challenges (SWOC) of the department.

Report of SWOC Analysis

The Process:

The SWOC analysis is carried out in two levels i.e. at the Department level and Institutional level. Each Department has conducted SWOC analysis by inviting all the stakeholders including present students, alumni, industry and staff. Strengths and Weakness are discussed in detail with a focus on the respective Department domains and identified the same. Further, Opportunities and Threats are also discussed at Department level and reports are prepared.

At the Institution level, the SWOT analysis is conducted by inviting industry experts, alumni, staff and students. Industry was represented by TCS, Infosys, Wipro, Capital IQ, Delloit, DRDO. A total of 103 stakeholders have participated in the analysis which includes 08 representatives from industry, 50 students, 30 faculty members, and 15 alumni members. Parent's feedback is separately taken during the parent-teacher meeting.

Principal briefly explained about SWOC and its importance and then gave a presentation about the institution highlighting its Strengths and Weaknesses. Each industry representative was given a chance to share their opinion about the institution strengths and weaknesses. Staff and Students were also given opportunity to share their opinion. Based on this, a core committee appointed for the purpose, prepared a detailed report indicating the *Strengths,*

STRENGTHS

1. Highly acclaimed academic institute with excellent track record of 80 years.
2. First autonomous college in the state with established procedures and processes for quality assurance.
3. Qualified, committed and motivated faculty members with more than 40% doctorates.
4. Excellent ambience with state-of-art equipment in a sprawling 100 acres of land.
5. Good research culture having linkage with R&D organizations.
6. Well established library with online access to journals and learning resources.
7. Best student input- top 1% of 3 lakhs students, opting for this college.
8. Good campus placement record with more than 75 more then percent of students placed every year continuously for the past one decade.
9. Excellent infrastructure with Campus-Wide-Networking (CWN) and wi-fi connectivity to the hostels.
10. Well placed alumni in reputed industry, R&D houses and academic institutions across the globe.
11. Fully residential campus having accommodation for faculty, staff and students.
12. Increased availability of resources from advanced research labs.
13. Memoranda of Understanding (MOUs) with industry, R&D centers and highly acclaimed academic institutions of repute.
14. Centre for English Language Training (CELT) rendering services to students of rural background and the community at large.
15. Established Industry-Institute hub enabling interaction between the Institute and Industry
16. Institutionalized continuing engineering education through center for CEEP.

WEAKNESSES

1. Lack of quality input for PG and Doctoral programmes.
2. Lack of fellowships and scholarships to attract regular research scholars to promote research environment.
3. Lack of inter-disciplinary programmes.
4. Absence of full-fledged automation of Administration and Management.
5. Lack of incentives and regular promotions for performing staff.
6. Low key marketing strategies to build brand image.

7. Lack of institutionalized mechanism for upgradation of skill set with the fast changing technological developments.
8. College is a part of University, as a result major policy decisions such as staff recruitments rest with University/State Government.

OPPORTUNITIES

1. Availability of industry base in Hyderabad - scope for collaboration in respect of staff exchange, student internships, joint consultancy and projects.
2. Establishment of QIP centre for providing research facility for in-service engineering faculty and industry professionals.
3. Introduction of dual-degree programmes to encourage PG education.
4. Establishment of Incubation Centre.
5. Improving quality of instruction by supplementing with e-learning.
6. Institutionalizing services to community by making use of technology.
7. Transforming research & development into patentable product.
8. Utilizing strong alumni network in Institution building. 9. Starting industry-specific PG programmes.
10. Availability of abundant space for horizontal expansion.

CHALLENGES

1. Migration of faculty to other Institutions/Industries.
2. Competition with the vast number of new Universities/Colleges coming up.
3. Non-availability of staff to its full strength resulting in difficulty in maintaining standards and sustaining certain programmes.

52 Future plans of the department.

1. Strengthening relationship with industry
2. Establishing state-of-the-art Embedded systems lab
3. Establishment of Date Engineering Lab
4. Creation of Research Labs in thrust areas.
5. Construction of New PG Block.

***

Department of Electrical Engineering

1. Name of the Department : Electrical Engineering
2. Year of Establishment : 1949
3. Is the Department part of a school/ Faculty of the University

   Yes, Faculty of Engineering
4. Names of programmes/courses offered :

Programme of Study	Description
UG – B.E Electrical and Electronics Engineering	Started with 60 seats in 1949
PG (Full Time) – M.E Industrial Drives & Control Power Systems Power Electronic Systems	 Started with 5 seats in 1971, Presently 25 seats. Started with 5 seats in 1971, Presently 13 seats. Started with 15 seats in 2008
PG (Part Time) - M.E Industrial Drives & Control Power Systems	 Started with 5 seats in 1971, Presently15 seats. Started with 5 seats in 1971, Presently 15 seats.
Ph.D – Electrical Engineering	 Part time and full time

5. Interdisciplinary courses and departments involved:

   The students of this department are attending the following inter-disciplinary courses offered by the other departments of this college.

Sl. No	Name of the course	Department
1	Solid Mechanics	Civil Engineering Dept.
2	Electronic Engineering – I	ECE Dept.
3	Solid Mechanics lab	Civil Engineering Dept.
4	Electronic Engineering	ECE Dept.
5	Electronic Engineering – II	ECE Dept.
6	Prime mover & pumps	Mechanical Engg. Dept.
7	Prime mover & pumps lab	Mechanical Engg. Dept.
8	Managerial Economics and accountancy	Commerce Dept.
9.	Data Base Systems	CSE Dept.
10	Entrepreneurship	Mechanical Engg. Dept.
11	Industrial and Financial management	Mechanical Engg. Dept.
12	Operating Systems	CSE Dept.
13	Intellectual Property rights	College of Law

6. Courses in collaboration with other universities, industries, foreign institutions etc. Nil
7. Details programmes /courses discontinued, if any, with reasons: Nil
8. Annual/ semester / choice based credit system

   Semester with Credit system until 2014-15

Choice based credit system from 2015-16

9. Participation of the department in the courses offered for other departments:

Sl No	Name of the Programme/ Department	Name of the Subject or Lab	Human resources offered from our department	Facilities offered by the department
1.	BE I/IV II semester/ Biomedical Engineering	Basic Electrical Engineering	1	-
2.	BE I/IV II semester/ Computer science Engineering	Basic Electrical Engineering	1	-
3.	BE II/IV I semester/ Civil Engineering	Electrical Technology	1	-
4.	BE II/IV I semester/ Electronics &Communication Engineering	Basic Electrical Engineering	1	-
5.	BE II/IV I semester/ Mechanical Engineering	Electrical circuits and machines	1	-
6.	BE II/IV I semester/ Computer science Engineering	Electrical Engineering lab	3	Circuits and Machines lab
7.	BE II/IV I semester/ Electronics &Communication Engineering	Electrical Engineering lab	3	Circuits and *M*achines lab
8.	BE II/IV I semester/ Mechanical Engineering	Electrical Engineering lab	3	Circuits and Machines lab

10. No. of teaching posts sanctioned and filled :

	Sanctioned	Existing
Professor	4	2
Associate professor	6	2
Assistant Professor	12	19(=15 + 4*)

(* Contract Assistant Professor/Lectures)

11. Faculty profile with name, qualification, designation and specialization :

Sl No	Name of the Faculty	Qualifi-cation	Desig-nation	Areas of Specialization	No. of years of experience	No. PhD students guided for the last 5 years
1	Prof. PVN Prasad	M.E., Ph.D	Professor	Industrial Drives and	29	1

				control		
2	Prof. G. Yesuratnam	M.Tech, Ph.D	Professor	Power Systems	18	-
3	Dr. M. Manjula	M.E, Ph.D.	Associate Professor	Power Systems	18	-
4	Dr. B. Mangu	M.E. Ph.D.	Associate Professor	Industrial Drives & Control	15	-
5	Mr. M.V. RamanaRao	M.Tech. (Ph.D)	Assistant Professor	Power electronics	16	-
6	Dr. G. Mallesham	M.Tech, Ph.D., Post Doc.	Assistant Professor	Control systems & Instrumentation	14	-
7	Dr. P. Srinivas	M.Tech, Ph.D.	Assistant Professor	Electrical Machines & Drives	14	-
8	Mr.CH. Sivakumar	M.E.	Assistant Professor	Power systems	16	-
9	Mrs. G.V. Naga Lakshmi	M.Tech. (Ph.D)	Assistant Professor	Power systems	12	-
10	Mrs. E. Sreeshobha	M.Tech. (Ph.D)	Assistant Professor	Power Electronics	14	-
11	Mr. R. Linga Swamy	M.Tech. (Ph.D)	Assistant Professor	Power Electronics	10	-
12	Mrs. N. Susheela	M.E. (Ph.D)	Assistant Professor	Industrial Drives & Control	08	-
13	Dr. E. VidyaSagar	M. Tech., Ph.D	Assistant Professor	Power Systems	15	-
14	Dr. P. Satish Kumar	M.Tech. , Ph.D.	Assistant Professor	Power Electronics	20	6
15	Mr. P. Lokender Reddy	M.Tech. (Ph.D)	Assistant Professor	Instrumentation & Control Systems	09	
16	Mrs. N. Srilatha	M.E. (Ph.D)	Assistant Professor	Power Systems	10	
17	Mrs. B. Sirisha	M.Tech. (Ph.D)	Assistant Professor	Power Electronics	06	
18	Dr.J.Upendar	M.Tech. , Ph.D	Assistant Professor	Power Electronics, Power Systems	08	
19	Mrs. U. Surayavalli	M.Tech.	Assistant Professor	Power Electronics	07	

20	Mrs .G. Jhansi Rani	B.Tech M.Tech	Assistant Professor (contract)	Industrial Drives	06	
21	Mr. S. Vijender Reddy	B.Tech. M.Tech	Assistant Professor (contract)	Power Systems	06	
22	Mr. G. Srikanth	B.Tech. M.Tech	Assistant Professor (contract)	Power Systems	05	
23	Mr. G. Kiran Kumar	B.Tech. M.Tech	Assistant Professor (contract)	Power Systems	04	

12. List of senior visiting fellows, faculty, adjunct faculty, emeritus professors :

1.	Dr. M. Rama Moorthy	Hononary Professor

13. Percentage of classes taken by temporary faculty-programme-wise information:

S.No.	Name of the programme	Percentage
1	BE	27

14. Programme-wise student teacher ratio :

S.No.	Programme	Total number of Faculty	Faculty allotted for the Programme	Student teacher ratio
1	BE	23	15	12:1
2	ME		8	14:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

	Sanctioned	***Filled***
Technical staff	15	13
Administrative	03	01
Supportive	13	11
contract	06	06

16. Research thrust areas recognized by funding agencies :

Multilevel inverters

17. Number of faculty with ongoing projects from a) national b) international funding agencies c) total grants received. Give the names of the funding agencies and grants received project-wise:

Name of the faculty	National/international funding	Title of the Project	Date of Sanction
Dr. P.Satish Kumar	UGC – Major research project (Rs. 8.49 lakhs)	Investigation, Implementation & Performance Evaluation of Cascaded Multi level Inverter using SVPWM algorithm	April, 2013
Dr. P.Satish Kumar	SERB, New Delhi (Major research project -Rs. 20.1 lakhs)	Performance Evaluation of Diode-clamped Multi level Inverter using Space Vector Pulse Width Modulation	May, 2013
Dr. M. Manjula	TEQIP-II	Mitigation of harmonics in a non linear load	Nov, 2015
Dr. B. Mangu	TEQIP-II	Grid Connected PV-Wind-Battery based multi-input transformer coupled bidirectional DC-DC converter for household applications	Nov, 2015
Dr. E. Vidya Sagar	TEQIP-II	Reliability Improvement of Distribution Systems using Fault Passage Indicators	Nov, 2015

18. Inter-institutional collaborative projects and grants received:

Nil

19. Departmental projects funded by DST-FIST, UGC-SAP/CAS, DPE, DBT, ICSSR etc. total grants received:

1. UGC – Major research project - (Rs. 8.49 lakhs)
2. SERB - Major research project – (Rs. 20.1 lakhs)

20. Research facility/Centre : No

21. Special research laboratories sponsored by/ created by industry or corporate bodies : No

22. Publications :

Number of papers published in peer reviewed journals(national/international)	**76**
Monographs	--
Chapters in books	--
Edited books	--
Books with ISBN with details of publishers	--
Number listed in international data base	--
Citation index range/average	--
SNIP	--
SJR	--
Impact factor – range/ Average	--
H-index	--

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated :

a. Consultancy and testing with GHMC

Year	Amount Generation (Rs.)
2015-2016	6,11,200.00
2014-2015	11,39,629.00
2013-2014	9,55,292.00
2012-2013	2,96,950.00
2011-2012	2,91,528.00

b. Third Party Inspection of Irrigation Projects

Year	Amount (Rs.)
2011-2012	44,671.00
2012-2013	24,817.00

25. Faculty selected nationally/internationally to visit other laboratories in India and Abroad :

1. **Dr. P. Satish Kumar v**isited Electrical machines laboratory at National University of Singapore, Singapore, and interacted with faculty, students, and research scholars. Discussed many issues on recent advances in multi-level inverter during the Singapore visit on 30-31 March, 2014.

2. **Dr. P. Satish Kumar v**isited Research laboratory at Nanyang Technological University of Singapore, Singapore, and interacted with faculty, students, and research scholars during the Singapore visit on 30-31 March, 2014.

26. Faculty serving in :

a) National committees b) international committees c) editorial boards d) any other

Name of the faculty	Name of the Committee
Prof. PVN Prasad	Chairman, UGC, Expert Committee
Prof. PVN Prasad	Reviewer Elsevier, Energy Conversion & Management
Prof. PVN Prasad	Member, ECET-2012 committee (APSCHE)
Prof. PVN Prasad	Member, Task Force, APSCHE
Prof. PVN Prasad	Syllabus Framing, APPSC
Prof. PVN Prasad	External expert for selection of Scientists, DRDO

Prof. PVN Prasad	Curriculum Revision for Diploma courses offered in Polytechnics, State Board of Technical Education and Training
Prof. G. Yesuratnam	Expert committee member of NBA accreditation program
Dr. P. Satish Kumar	Member, Editorial Board, Journal of Electrical Electronics Engineering Research (JEEER)
Dr. P. Satish Kumar	Member, Editorial Board, Engineering, Technology& Applied Science Research (ETASR)
Dr. P. Satish Kumar	Member, Editorial Board, International Journal of Power Electronics and Drive Systems (IJPEDS)
Dr. P. Satish Kumar	Member, Editorial Board, International Journal of Engineering and Advanced Technology (IJEAT)
Dr. P. Satish Kumar	Member, Editorial Board, Bulletin of Electrical Engineering and Informatics
Dr. P. Satish Kumar	Nominated as "Advisory Council Member" for the Engineering Staff College of India, Gachibowli.
Dr. P. Satish Kumar	Nominated as regional coordinator for state level PGECET-2014 conducted by Osmania University, Hyderabad.
Dr. M. Manjula	Reviewer, Elsevier, IJEPES.
Dr. P. Srinivas	Reviewer, Elsevier, Energy Conversion & Management
Dr. P. Srinivas	Appointed as Member, BoS, University College of Engineering, Kakatiya University.
Dr. E.Vidya Sagar	Appointed as Nodal officer TEQIP-Phase-2 for the UCE(A), OU from 1 Apr 2013
Dr. J. Upendar	Reviewer for the journal - "IET Generation, Transmission & Distribution" from April/May 2015.

27. Faculty recharging strategies :

Department deputes faculty on QIP (Ph.D.) and to short term courses (workshops, conferences, seminars, etc.)

1. Quality Improvement Programmes for faculty towards Ph.D.

Outside University

- **Dr. B.Mangu** has obtained Ph.D. degree from IIT Mumbai, under the guidance of Prof. B.G.Fernades during July 2016.

- **Dr.E.Vidyasagar** was awarded Ph.D degree in Electrical Engineering from JNTUH in April 2014.
- Dr. G. Mallesham, has been awarded Ph.D Degree in Electrical Engineering, from IIT, Delhi in January, 2014.
- **Dr. G. Mallesham** completed Post Doctoral under UGC Raman Fellowship at Yale University, Connecticut, USA, during 2014-2015.

Within University

- **Dr. M. Manjula** has been awarded Ph.D Degree in Electrical Engineering from EED, Osmania University in January 2014
- **Dr. P. Srinivas** has been awarded Ph.D Degree Degree in Electrical Engineering from EED, Osmania University in May 2013.

2. Short term courses attended by faculty

- Workshops – 39
- Seminars – 11
- Faculty Development Programmes – 54
- Conferences – 82
- orientation program-3
- Short Term Training Program-6

28. Student Projects:

- Percentage of students who have done in-house projects including inter-departmental projects: 90
- Percentage of students doing projects in collaboration with other universities/industry/institute: 10

29. Awards/recognition received at the national and international level by Faculty / Department:

Name of the Faculty	**Award received**
Dr. P. Satish Kumar	"**Global Teacher Role Model Award-2015"** from the Manushyabal Vikas Lokaseva Academy, Mumbai on 27th December, 2015
Dr. P. Satish Kumar	"**Award for Research Excellence**" at *Indo-Global Education Expo & Summit 2014* on 20th November 2014
Dr. P. Satish Kumar	**TOP 100 ENGINEERS-2013** by International Biographical Centre, St. Thomas Place, Great Britain
Dr. P. Satish Kumar	**Best Paper Award** (Certificate of merit) for his research paper in International Conference on Electrical Engineering and Applications 2013, San Francisco, USA. 23-25 October, 2013.

Dr. P. Satish Kumar	**Best Young Teacher Award** (Medal, Certificate and cash prize) for his contribution in teaching and research on the Teacher's Day, 5th September, 2014 from Telangana State Government, Hyderabad, India.
Dr. G. Mallesham	**POSOCO power system award 2013**, for outstanding contribution in the category of Doctoral research work.
Dr. G. Mallesham	**ISCA Young engineer award** by Hyderabad chapter in 2012
Dr. P. Satish Kumar	Marquis "**WHO IS WHO IN THE WORLD**", 2012 Edition
Prof. P.V.N. Prasad	Marquis "**WHO IS WHO IN THE WORLD**", 2010 Edition

30. Seminars/conferences/workshops organized and the source of funding (national/ international) with details of outstanding participation if any :

Sl No	Description	Resource Persons	Target Audience
1.	Short term training programme on **PLC and its Industrial applications** in association with CEEP, April 4-19, 2012	Faculty from Prolific systems, Hyderabad	BE Students of EE, ME, ECE, BME & CSE Departments.
2.	**Diamond Jubliee endowment lecture under NPSC**, January 16, 2012	Prof. M. Ramamoorthy	BE & ME Students, Research scholars, persons from industry and faculty from other colleges
3.	Second Diamond Jubilee Endowment Lecture on the topic "**Deregulated Electricity Markets**" (26th December, 2013)	Prof. S.P. Singh, Head & Professor, IIT, BHU, Varanasi.	BE & ME Students, Research scholars, persons from industry and faculty from other colleges
4.	Continuing professional development program on "**Recent Trends And Practical Applications Of Power Electronics And Power Systems**" (28-31 Jan 2014)	Experts from Industry and Teaching	Research scholars, persons from industry and faculty from other colleges
5.	NSS Program Officer Unit-II, UCE, OU conducted **Blood Donation Camp** in the College (5th September, 2013.)		BE & ME Students, Research scholars,
6.	6 days FDP Program on "**Recent Advances in Power Electronics and Drives**" Sponsored under TEQIP Phase-	Experts from Industry and Teaching , At Engineers staff	Research scholars, persons from industry and faculty from other colleges

	II (12th May to 17th May, 2014)	college of India, ESCI, Hyderabad	
7.	FDP Program on "**Distributed Generation & Power Quality Issues**" Sponsored under TEQIP II (30th June, 2014 to 5th July, 2014)	Experts from Industry and Teaching	Research scholars, persons from industry and faculty from other colleges
8	**Techsonance-2014**, National level students Technical Symposium, from 8th to 9th March, 2014.	Experts from Industry and Teaching	BE & ME Students, Research scholars,
9	6 days FDP Program on "**Recent Advances in Power Electronics and Drives**" 12th May to 17th May, 2014	Experts from Industry and Teaching	Research scholars, persons from industry and faculty from other colleges
10	Three-day workshop on "**Applications of Simulation Tools to Modern Power Systems**" sponsored by TEQIP in association with VB Engineering, Hyderabad during 7th -9th May, 2015	Experts from Industry and Teaching and Department faculty	Research scholars, persons from industry and faculty from other colleges
11	Three-day workshop on "**Solar Photovoltaic Training Program**" during 2nd to 4th March, 2015	Experts from Industry and Teaching	Research scholars, persons from industry and faculty from other colleges
12	Third Diamond Jubilee Endowment lecture on "***Smart Grid Security***" by Prof. Ramki Turimalla, Professor and Chair Director, Colorado Research Institute for Security and Privacy, RUTCHE school of Engineering and Computer Science, University of Denver, USA, on 28thMar 2016.	Experts from Industry and Teaching and Department faculty	Research scholars, persons from industry and faculty from other colleges
13	One week training programme on "***Power Electronics and Drives for vehicular systems – Technology status & Future trends***" during 23rd to 28th November, 2015	Experts from Industry and Teaching and Department faculty	Research scholars, persons from industry and faculty from other colleges

31. Code of Ethics for research followed by the departments:

- Students are encouraged to do research that is relevant to the state-of-art technologies.

- Monitoring of research progress of scholars is done every six months.
- Review of the work is done through annual seminars open for all the students and faculty.
- The work will be reviewed before submission for Plagiarism.
- Adjudication of thesis by eminent professors from reputed institutions.

32. Student profile course-wise:

Name of the course	Academic year (Joining year)	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
BE	2015-16	Through Counseling	31	24	Presently in 2nd year	
	2014-15		38	29	Presently in 3rd year	
	2013-14		33	36	Presently in 4th year	
	2012-13		32	32	96.3	100.0
	2011-12		35	25	82.05	86.96
	2010-11		38	26	86.8	88.5
ME (IDC)	2015-16	Through Counseling	7	4	Pursuing	
	2014-15		12	6	Pursuing	
	2013-14		17	7		
	2012-13		14	7		
	2011-12		14	6	28.5	66.7
	2010-11		16	7	100	85.7
ME (PS)	2015-16	Through Counseling	5	1	Pursuing	
	2014-15		13	5	Pursuing	
	2013-14		10	5		
	2012-13		13	3		
	2011-12		11	3	18.18	33.33
	2010-11		11	4	90.9	75
ME (PES)	2015-16	Through	2	3	Pursuing	

	2014-15	Counseling	9	5	Pursuing	
	2013-14		14	4		
	2012-13		12	3		
	2011-12		13	4	15.38	50
	2010-11		10	5	100	100

33. Diversity of students:

Course	Academic year	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
BE	2015-16	98			2
	2014-15	88			12
	2013-14	91			9
	2012-13	94			6
	2011-12	100			--
	2010-11	93			7
ME - IDC, PS, PES	2015-16	100			--
	2014-15	95			5
	2013-14	91			9
	2012-13	94			6
	2011-12	94			6
	2010-11	100			--

34. How many students have cleared Civil services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Academic Year 2015-16:

Name of the student	GATE rank
Anvesh. K	672 (1529 Rank)
Chandra Sekhar. B	824 (223Rank)
Goutham. G	400(12220 Rank)

Goutham Kumar. M	445(9111 Rank)
Kalyani. O	505(5998Rank)
Mounika. G	400 (16,900 Rank)
Prashanthi. T	485 (9568 Rank)
Praveen Kumar. A	625 (2305 Rank)
Prithika. K	350 (20,000 Rank)
Priyatam. P	423 (18,000 Rank)
Rakesh Goud. P	652 (14,291 Rank)
Raviteja. G	668 (1584 Rank)
Sai Harshinee. R	437 (9333 Rank)
Sai Sandeep Kumar. M	662 (1801 Rank)
Sindhuja. D	719 (900 Rank)
Spoorthi Laxman. K	372
Sravanthi. S	450 (2200 Rank)
Sreenandan. J	560 (2936 Rank)
Venkanna. B	16000
Venkateswara Reddy. M	568 (2900 Rank)
Vinod Kumar. J	328 (15500 Rank)

Academic Year 2010-11:

Name of the student	**GATE rank/ GRE score**	**Name of the institution/ organization where they joined**
D. Srinivas	GATE-53	BHEL, M.Tech(JNTU hyd)
Prasanthi	GATE-98	IITM
Afroz	GATE-251, IES-79	
BalajiNaik	IES-87	NTPC(presently working)
Santosh		IIM Kolkota
Sruthi		IIM Lucknow
Gayatri	GATE-361	BARC
Rukmangadha Reddy	GATE-420	NTPC
Laxmi	GATE-527	ECIL
Chandhu	GATE-850	SAIL
PSK Chaitanya	GRE-1340	University of Florida
Ravi Teja	GRE-1280	
Harish Mahadevan	GRE-1280	State University of Newyork
Laxman		University of Toledo

Passed out Year	Name of the student	Speciali-zation	Appeared and selected as
2011-12	R. Srinivas	IDC	AP GENCO & Selected as AE
	Sujith Kumar	IDC	AP GENCO & Selected as AE
	Swarna	IDC	AP GENCO & Selected as Sub-Engineer
	E. Mahesh	IDC	CPDCL & Selected as Sub-Engineer
	P.N.P. Raju	IDC	Elec. Engineer at HONEYWELL
	P. Srikanth	PS	APGENCO & Selected as Asst-Engineer
	P. Praveen	PS	RRB & Selected as SSE
	Srivani	PS	APPSC & Selected as AEE
	Sahithi	PS	APPSC & Selected as AEE
	P. Subramnyam	PS	Indo Asian Electric Pvt. Ltd.. Senior Engineer
	Sravani	PS	Assistant Professor, SR Engg. College, Warangal
	Roqayya Aimun	PS	Asst. Professor, Deccan College, Hyderabad
	R. Anil	PS	Andhra Bank& Selected as PO
	R. Naveen	PS	TRANSCO & Selected as Asst-Engineer
	Venkatasubba Reddy	PS	SBH & Selected as PO
	V. Baby Shalini	PS	Assistant Professor, JNTUH, Kondagattu

35. Student progression :

Student progression	Percentage against enrolled
UG to PG	20
PG to M.Phil	-
PG to Ph.D	1
Ph.D to Post-Doctoral	-
Employed	
□ Campus selection □ Other than campus recruitment	70 20

36. Diversity of Staff :

Percentage of faculty who are graduates	
of the same university	26
from other universities within the state	74
from universities of other states	-
from universities outside the country	-

37. Number of faculty who were awarded Ph.D during the assessment period

1. Dr. Satish Kumar (2011)
2. Dr. P. Srinivas (May 2013)
3. Dr. M. Manjula (January 2014)
4. Dr. G. Mallesham (January, 2014)
5. Dr. E.Vidyasagar (April 2014)

38. Present details of infrastructural facilities with regard to :

a) Department Library : Total no. of titles: 3219
No. conference/proceedings IEEE: 77
Hand books: 34
Software manuals: 36

b) Internet facility for staff and students:

Each staff member is provided with personal computer, laptop and printer with internet facility. Computation Centre with internet is available for students

c) Total number of class rooms : 7 + 2 E-class rooms

d) Class room with ICT facility : 4 + 2 E-class rooms

e) Student laboratories:

S No	**Curriculum Lab. Description**	**Major Equipment**
1	Power Systems Lab.	Relay Protection test kit, Feeder Protection Study unit, Numerical relays, 2 Motor Generator sets
2	C / C ++Programming Lab.	-
3	Computer / Simulation Lab.	PSSE, ETAP, MATLAB, PSCAD & Motor pro
4	Computing facility with internet	-
5	Machines Lab. I	Motors & Generators
6	Machines Lab.II	Alternators & Motors
7	Microprocessor Lab.	8086 & 8051 kits (10 no's)
8	Power Electronics Lab.	Digital storage oscilloscope, Solar Array Simulator, Solar Simulator Main frame, DSP boards

9	IC Lab	-
10	Circuits & Measurements Lab.	Multifunction Calibrator
11	Control System Lab.	Industrial control trainer, Data acquisition system, PLC trainer

f) Research laboratories:

S No	Curriculum Lab. Description	Major Equipment
1.	PLC lab	PLC system/SCADA , PV Solar Trainer kit
2.	Drives lab	Power Analyzer, PLC system, SRM, DSP drive SCADA, BOSCH power tool kit
3	Research lab for multi-level inverters	Seven Level neutral point clamped multi-level inverter (FPGA based) , Eleven level cascaded multilevel inverter(FPGA based) .

39. List of doctoral students and research associates :

a) From host university (admitted)

Sl.No.	Academic Year	Intake
1.	2015-16	NIL
2.	2014-15	NIL
3.	2013-14	02
4.	2012-13	NIL
5	2011-12	NIL
6	2010-11	12

b) From other universities --

40. No. of post graduate students getting financial assistance from the university:

Financial assistance from College (TEQIP) fund

1) ME (Self finance) – Power Electronics & Systems – 2

41. Was any need assessment exercise undertaken before the development of new programmes?

Power Electronic Systems is an emerging area in the industry. Hence, M.E programme in Power Electronic Systems (as a self-financed course) was started in 2008-09. Syllabus is designed by Board of Studies, which includes senior faculty of the department, senior faculty from other reputed institutions like NIT, industrialists and other prominent people in the field of Electrical Engineering.

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation?

Yes, by making necessary changes in the curriculum with the help of BOS suggestions annually and semester wise Feedback forms taken from the students.

b) Students on staff, curriculum and teaching-learning evaluation and how does the department utilize the feedback.

Yes, by taking the feedback forms at the end of semester, faculty are counselled by HOD and advised to attend the improvement programs like workshops, seminars, FDP, training programs.

c) Alumni and employers on the programmes offered and how does the department utilize the feedback.

Yes, Suggestion form Annual alumni meet and BOS meetings, necessary changes in curriculum are made, so as to meet industry requirements and to improve student knowledge on recent technologies.

43. List the distinguished alumni of the department :

Name	**Designation**
Dr. Enjeti Prasad	Professor, Texas A&M University, Fellow IEEE
Dr. D. Thukaram	Professor, IISc., Bangalore
Dr. G.Tulasi Ram Das	Vice-chancellor, JNTUK, Kakinada, Ex-Registrar, Principal, JNTUH, Hyderabad
Dr. N.K. kishore	Professor, IIT KHARAGPUR
Mr. Subhash Sarnikar	Chairman, ICFAI
Mr. S.V.N. Jitin Sunder	Sr. Dy. General Manager, Corp. R&D Division, BHEL
Mr. K. SrinivasaMurthi	Director, Business-Industry Manufacturing.
Mr. M. K. Ramesh	Chief Manager Consultant
Mr. G. Venugopal Reddy	Senior Divisional Electrical Engineer, INDIAN RAILWAYS
Mr. K. Raja Gopal	Director and CEO, LANCO Amarkantk Power Pvt. Ltd.
Captain Suryanarayana Nandula	Captain, INDIAN NAVY
Mr. V. Pradeep Chandra	Executive Operation Officer, HPCL
Mr. M.V. Krishnudu	Manager Engineering Services (Electrical). SAINT GOBAIN VETROTEX INDIA LTD.

44. Give details students enrichment programmes (special lectures/workshops/ seminars, involving external experts)

S.No	**Title**	**Resource Person**	**Date**
2015-16			
1	Third Diamond Jubilee endowment lecture under NPSC on **"Smart Grid Security**"	Prof. Ramki Turimalla, Professor and Chair Director, Colorado Research Institute for Security and Privacy, RUTCHE school of Engineering and Computer Science, University of Denver, USA	28th Mar 2016
2	Guest lecture on "**Methodologies and Preparedness for high quality research"**	Prof. M.H.Rashid, University of West Florida, USA	07th Dec 2015
3	Two-day training programme on "**TRANSCO Foundational Course"**	TSTRANSCO, Hyderabad	16th and 17th October 2015
2014-15			

1	**One day Field Study program** of 3/4 II-Semester EEE students 33/11 KV substation at IICT, Tarnaka, Hyderabad	TSTRANSCO, Hyderabad	6th Jan 2015
2013-14			
1	Technical visit of 3/4 II-Semester EEE students to 220 KV Substation at Chandrayan Gutta	TSTRANSCO, Hyderabad	25-01-2014
2012-13			
1	Diamond Jubilee endowment lecture under NPSC	Prof. M. Ramamoorthy	January 16, 2012
2	Second Diamond Jubilee Endowment Lecture on the topic "Deregulated Electricity Markets"	Prof. S.P. Singh, Head & Professor, IIT, BHU, Varanasi.	26th Dec, 2013
2011-12:			
1	High voltage direct current (HVDC) & FACTS	Dr. Narain G. Hingorani Fellow, IEEE	Sept. 22, 2012
2	SIMPLE TECHNIQUES TO POWER QUALITY	Dr. R. Ramamoorty, Honorary Professor, EED, UCE,OU	Jan. 16, 2012
3	OVERSEAS CAREER PROSPECTS OF ENGINEERING STUDENTS	Mrs. Julius Wilkinson University of Huddersfield UK,	

45. List the teaching methods adopted by the faculty for different programmes.

Black board, power point, LED,OHP projectors, taking them to industrial visits.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

1) Along with program curriculum, department encourages the students to participate in seminars, workshops, industrial visits, internships and industrial projects.
2) By taking feedback from the students and taking necessary action according to the feedback.
3) By conducting remedial classes for the students.
4) By analyzing placement record of students, necessary inputs are given to students and curriculum is revised accordingly.

47. Highlight the participation of students and faculty in extension activities.

a. Students from all four years participate in different activities likes Engineers Day, Samanvaya (Placement activity,), Sanskrithi (Cultural activity), TECHSONANCE(students technical symposium), Life style, Quizzotic (inter university students techno-general Quiz).

b. Students and Faculty visit industries like NTPC, Srisiailam Hydro power plant, etc and extracurricular activities like sports.

c. Most of the faculty members are actively involved in delivering Guest Lectures at various institutions, Government and Private organizations in different areas.

48. Give details of "beyond syllabus scholarly activities" of the Department.

Professional societies/ chapters	Description
Techsonance	Annual technical symposium conducted by the students
Samanvaya	Pre Placement training conducted by BE IV/IV students for BE III/IV students in coordination with Placement cell
Erudites student club	Quizzotic, Group discussions, Debates
IEEE student chapter	Seminars by experts

49. State whether the programme/ Department is accredited/ graded by other agencies.

Program Name	Accreditation / grad by other agencies
UG program	NBA Accreditation for a period of five years with effect from August 2013
ME-Power Systems	NBA Accreditation for a period of three years with effect from 04-02-2014

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Research is going on on special electrical machines, multilevel inverters, power quality, power system security, reliability and deregulation.

51. Detail any five strengths weaknesses opportunities and challenges (SWOC) of the department:

Strengths:

1. The students admitted into UG programme are Top EAMCET Rankers.
2. All the faculty of the departments have PG qualification, 50% have PhD qualification, and all other have enrolled for PhD program.
3. All the laboratories in the Department are well equipped, can give the best practical exposure to all the UG and PG programmes.
4. More than 90% of students have Campus placements.
5. Alumni of the department are in high positions across the globe.
6. Self sponsored course in Power Electronic Systems, which is an emerging area.
7. Internet facility to all the students is available in the department laboratories and separately for the individual faculty.

Weakness:

1. R & D projects are to be encouraged and patenting is to be sought after.
2. No exclusive research labs and facilities.
3. No scholarship funding to full-time research scholars.
4. Consultancy and industry interaction needs to be improved.

5. Recruitment of new faculty must be regular process, so that new courses and programmes can be handled.

Opportunities:

1) Electrical engineering professionals have a wide scope of opportunities like software, management, etc. other than core field.
2) Expert Lectures from Academia and Industry personnel provide valuable inputs of state-of-art technologies and advanced research.
3) Scope for Inter-departmental Research
4) To start certified courses as required by market and utilities.

Challenges:

1) More efforts are required to improve the knowledge and skills of the students in the interdisciplinary research areas related to other departments.
2) New means of generating resources must be taken up.

52. Future plans of the Department:

To establish Research centers in the field of

- Power Systems
- Special Electrical Machines
- Power Electronics & Industrial Drives

***

Department of Electronics and Communication Engineering

1. Name of the Department : Electronics and Communication Engineering

2. Year of establishment : 1959

3. Is the Department part of a School/ Faculty of the University?

   Yes, Faculty of Engineering

4. Names of Programmes/courses offered:

   B.E. Electronics and Communication Engineering

   M.E. Digital Systems Engineering

   M.E. Systems and Signal Processing

   M.E. Microwave and Radar Engineering

   M.E. Embedded Systems & Very Large Scale Integration

   Ph.D. Electronics and Communication Engineering

5. Interdisciplinary courses and departments involved:

   Electrical Engineering (Optimization Techniques)

   Mechanical Engineering (Industrial and Financial Management)

   Law (Intellectual Property Rights)

6. Courses in collaboration with other universities, industries foreign institutions, etc:

   M.E (Railway Signaling and Telecommunication Engg)

   In Collaboration with IRISET, Ministry of Railways, Govt. of India.

7. Details of programmes/ courses discontinued if any, with reason.

   Nil.

8. Annual/ Semester/Choice Based Credit system:

   Choice Based Credit system from 2015-16

9. Participation of the department in the courses offered by other departments.

   Computer Science and Engineering (Basic Electronics, Digital Electronics)

   Electrical Engineering (Electronics Engineering)

   Mechanical Engineering (Applied Electronics)

10. Number of teaching posts sanctioned and filled (Professors /Associate Professors/Asst Prof)

	Sanctioned	Filled
Professors	12	--
Associate Professors	09	01
Assistant Professors	--	12

11 Faculty profile with name, qualification designation and specification (D.Sc /D.Lit/Ph.D/ M.Phil. etc.

Name	Qualifi-cation	Desig-nation	Specifications	No of years of experi-ence	No of Ph.D students guided for the last 5 years
Dr. P. Chandra Sekhar	Ph.D	Associate Professor	Digital Systems & Computer Electronics	16	
Dr. B. Rajendra Naik	Ph.D	Assistant Professor	Digital system Engineering	16	
Dr. R. Hemalatha	Ph.D	Assistant Professor	Embedded systems	9	
Dr. L. Nirmala Devi	Ph.D	Assistant Professor	Systems and Signal Processing	9	
P. Padma	M.Tech	Assistant Professor	Digital systems & Computer Networks	9	
Dr. D. Ramakrishna	Ph.D	Assistant Professor	Microwave & Radar Engineering	9	
Dr. P. Naveen Kumar	Ph.D	Assistant Professor	Digital Systems & Computer Electronics	9	
P. Kotilakshmi	M.E	Assistant Professor	Digital system Engineering	9	
Md. Misbahuddin	M.E	Assistant Professor	Digital system Engineering	4	
M. Shyam Sunder	M.Tech	Assistant Professor	Microwave &Millimeter Engineering	4	
R. Sandhya	M.Tech	Assistant Professor	Digital systems & Computer Electronics	4	
A. Bharathi	M.E	Assistant Professor	Microwave & Radar Engineering	4	
P. Srividya	M.E	Assistant Professor	Systems and Signal Processing	4	

12. List of senior visitingfellow, faculty, adjunct faculty, emeritus Professors:

Prof.V.M Pandaripande

Prof. Rameshwar Rao

Prof. P. Anantha Raj

Dr. Deergha Rao (Retd.)

Dr. P. Laxminarayana

13. Percentage of classes taken by temporary faculty programme wise information:

UG – 25; PG - 20

14. Programme wise student teacher ratio

UG – 15:1; PG –12:1

15. Number of academic support staff (technical and administrative staff sanctioned and filled.

Technical staff - 4

Administrative - 2

16. Research thrust areas recognized by funding agencies:

Navigational Electronics (DST-FIST)

Heterogeneous Computing (AMD)

Microwave Engineering (Astra Microwave Products Ltd.)

Wireless Communication (DST)

Signal Processing (UGC-MRPS), DeitY

17. Number of faculty with ongoing projects from a) national b) International funding agencies and c) Total grants received give the names of the funding agencies and grants received project wise.

1	Technical Study on Synthesis and Analysis of Active Array Antennas	1.5 Year	Rs. 9.5 Lakhs	LRDE, Bangalore
2	Development of Algorithms for Speech and Audio Compression using DSP Processors	3 years	Rs. 50.00 lakhs	Analog Devices India Ltd., Bangalore
3	Development of Super Resolution Techniques for Image and Video sequences	2 Years	Rs. 9.5 lakhs	AICTE, New Delhi
4	Real Time Algorithms Development in Matlab and Implementation Scheme for Analysis of LPI Radars	1 year	Rs. 10 lakhs	DLRL
5	Centre for Excellence and Microwave Engineering	5 years	Rs. 250.00 lakhs	Astra Microwave Pvt. Ltd.

6	Dr. P. Chandra Shekar (PI) GNSS Software Receivers: Baseband Processing with FPGA	3 Years	Rs. 13.65 Lakhs	MRPS- UGC
7	A Novel approach for Generating a Super Resolution images from a low Resolution Image	3 Years	Rs. 9.5 Lakhs	AICTE
8	Coherent Radio Beacon Experiment (CRABEX) phase – II, Kalman Filter Based GPS Navigation	3 Years		SPL, VSSC, Trivandrum.
9	Preliminary Modeling of Pseudolite Based Tracking System Errors and Optimization of its Configuration	3 Years		RCI
10	Dr. P. Naveen Kumar (PI) Investigation of Atmosphere Effects on Future Ground Based Augmentation for GPS systems	3 Years	Rs. 33.33 Lakhs	ITR, Chandipur
11	Investigation of Statistical Behavior of Ionosphere over the Indian region using GNSS data for GPS Applications	3 Years		DST
12	Dr. L. Nirmala Devi (PI) Security and data transmission issues in mobile adhoc networks	4 Years	Rs. 50.00 Lakhs	DST
13	Dr. B. Rajendra Naik Young Faculty Research Fellow	5Years	Rs. 37.00 Lakhs	DeitY

18. Inter institutional collaborative projects and grants received

a) all India collaboration b) International : Nil

19 Departmental projects funded by DST – FIST, UGC – SAP/ CAS, DPE,DBT, ICSSR etc total grants received

DST – FIST: Investigation of Atmospheric Effects on current based Augmentation system, 3 years, Department of Science & Technology, Govt of India, Rs. 95 lakhs, 2008-2011

UGC: GNSS Software receivers, Rs. 14,00,000, 2012 - 15

20 Research facilities / centre with

- State recognition:
- Centre for Excellence in microwave engineering, NERTU
- National recognition: Nil

- International recognition: Nil

21 Special research laboratories sponsored by / created by industry or corporate bodies:

- Center for Excellence in Microwave Engineering funded by M/s. Astra Microwave Private Ltd.
- Multimedia & ADSP laboratory funded by Analog Devices Inc, Hyd.
- National MEMS Design Centre funded by NPMASS, IISC Bangalore
- Heterogeneous Computing lab funded by AMD, India
- Xillinx FPGA Boards by Xillins Inc.,USA

22 Publications

- Number of papers published in peer reviewed journals (national/international)

  Journals:

  National:16 International: 33

  Conference:

  National:48 International: 58

- Chapters in Books: --
- Edited books: --
- Books with ISBN with details of publishers: --
- Number listed in International Database (For e.g. Web of Science, Scopus Humanities International Social Sciences DirectoryEBSCO host etc.) --

23 Details of patents and Income generated: --

24 Areas of consultancy and Income generated:

High Frequency RF Analysis

Neural Networks Analyzer, Spectrum Analyzer

25 Faculty selected nationally/internationally to visit other laboratories in India and abroad:

Dr. P. Chandra Sekhar visited to Shizuoka University, Japan during 2008 -09

Dr. B. Rajendra Naik visited Tokyo Metropolitan University, Tokyo, Japan, in 2010.

26 Faculty serving in

a) National committees b) International committee c) Editorial Boards d) any other

Dr. L. Nirmala Devi:

- Interview Board Member, APPSC

Dr. D. Ramakrishna:

- Secretary/Treasurer, MTT/AP/EMC Chapter, IEEE, Hyd

Dr. P. Naveen Kumar:

- Interview Board Member, APPSC, CSIR – NGRI, RCI, DRDO

27 Faculty recharging strategies

Faculty encouraged to attend and conduct short term training program

28 Student projects

- Percentage of students who have done in house projects including inter departmental projects: 40
- Percentage of students doing projects in collaboration with other universities/ industry/institute: 60

29 Awards/recognition received at the national and international level by

- Faculty: Nil
- Doctoral/ Post Doctoral fellows: Nil
- Students: Nil

30 Seminars/conferences/workshops organized and the source of funding

1. Dr. P. Chandra Sekhar organized a short term course on RTSP jointly by ECE & NERTU, OU from 26th to 31st March 2012.
2. Mr. B. Rajendra Naik conducted a two day national symposium on Heterogeneous computing platforms Tools and Applications during 31st August to 1st September 2012.
3. Mr. D. Ramakrishna organized One Day Tutorial on "Antenna and Phased Array Design" on10th September 2011 in Association with MTT/AP/EMC Society Joint Chapter IEEE Hyderabad Section.
4. Mr. D. Ramakrishna organized a "MEMS Design-Training Workshop" jointly with MEMS Design Center of University of Hyderabad, during 06th to 11th August, 2012.
5. Dr. R. Hemalatha & Md. Misbahuddin have coordinated a short term training programme on "Advanced Digital Design using Verilog HDL" during 21st to 26th April, 2014.
6. Dr. B. Rajendra Naik & Md. Misbahuddin have coordinated a one week Faculty Development Programme on "Recent Advances in VLSI" during 9th to 14th June, 2014.
7. Dr. P. Laxminarayana & Dr. L. Nirmala Devi have coordinated a 10 days' workshop on "Automatic speech recognition and Synthesis" (ASR-14) during 13-22nd June, 2014.
8. Dr. P. Chandra Sekhar and P. Kotilakshmi have coordinated two-day faculty development programme on "Virtual Instrumentation in the field of Electronics Engineering" during 20-21 June, 2014.

9. Dr. R. Hemalatha & M. Shyam Sundar have coordinated a three-day workshop on "SOC Design using ARM" during 23-25 June, 2014.

31 Code of ethics for research followed by the department

- ✓ Post Garduate Students are encouraged to do research in the latest research areas
- ✓ Monitoring and evaluation of research progress of doctoral students is done every six months.
- ✓ Review of the work is done through annual seminars open for all the students and faculty.
- ✓ The work will be reviewed before submission for Plagiarism.
- ✓ Adjudication of thesis by eminent professors from reputed institutions.

32 Students profile course wise

Name of the course Refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.E (ECE) 2015 -16	Admission through EAMCET	25	25	90	96
ME (DSE)	Through GATE	9	4	85	90
ME (SSP)		6	7	96	98
ME (MRE)		7	14	95	96
ME (ES & VLSI)		9	4	95	98
BE (ECE) 2014 - 15		33	23	96	98
ME (DSE)		10	4	95	98
ME (SSP)		6	5	96	98
ME (MRE)		14	7	90	94
ME (ES & VLSI)		9	5	95	98
B.E. (ECE) 2013-14	Admission through EAMCET	36	22	81	96
B.E. (ECE) 2012-13		33	21	91	95
B.E. (ECE) 2011-12		27	23	93	95
B.E. (ECE) 2010-11		35	23	94	95

33. Diversity of students

Name of the course (refer question no 4)	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
BE	90	5	5	5
PG	90	5	5	NA

34. How many students have cleared civil services and defence services examinations, NET, SET, GATE and other competitive examinations give details category wise:

DRDO : 1
GATE : 13
CAT : 8
GRE : 7
IES : 91

35. Student progression

Student progression	% against enrolled
UG to PG	20
PG to M.Phil	--
PG to Ph.D	1
Ph.D to post Doctoral	--
Employed • Campus Selection • Other than campus recruitment	 75 20
Entrepreneurs	5

36. Diversity of Staff

Percentage of Faculty who are graduates	
of the same university	50
from other universities within state	40
from universities from other states	10
from universities outside of countries	--

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period

Two

38. Present details of infrastructural facilities with regard to

a) Library : Yes

b) Internet facilities for staff and students : Yes

c) Total number of classrooms : 8

d) Classrooms with ICT facility : 3

e) Students laboratories : 8

f) Research laboratories : 4

39. List of doctoral, post-doctoral students and Research Associates

a) From the host university Eight students

b) From the other universities Nil

40. Number of post graduate students getting financial assistance from the university.

All the GATE qualified PG students are getting monthly stipend from AICTE/UGC

41. Was any need assessment exercise undertaken before the development of new programme(s)? if so, highlight the methodology?

No new programmes have been introduced in recent times. However, the BoS will initiate need assessment exercise for any possible introduction of new course and recommend to the Faculty for its consideration.

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, the Department conducts frequent meetings of faculty to discuss various aspects including curriculum development and their feedback is given due weightage for further development of teaching-learning-evaluation.

b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, the Department obtains feedback from the students at the end of each semester and discussed in the appropriate bodies.

c) Alumni and employers on the programmes offered and how does the department utilize the feedback

Yes, the Department has a tradition of convening alumni meet twice in a year which provides an opportunity to obtain their suggestions for the betterment of departmental activities.

43. List the distinguished alumni of the department (maximum 10)

Prof. Sudhakar M. Reddy,Chairman, ECE, University of Iowa

Prof. V.U. Reddy, Former Chairman, ECE, IISC and Microsoft Chair, IIIT

Prof. D.C. Reddy, Former Vice-Chancellor, OsmaniaUniversity

Sri Vinay Deshpande, CEO, PCS Systems, Bangalore

Dr. Yoganandam, Director (Technical) Hello Soft

Mr. Kumara Swamy Rao, Director, DLRL

Dr. P.K. Jain, Scientist G, ISRO

Sri Sethuram, Vice-President, Microsoft Inc, USA

Sri Parthasarathy, Advisor to Govt. of A.P. (Information Technology)

Dr. C. Sena Reddy, CEO, Solid State Media, USA.

Prof. Rameswar Rao, Vice Chancellor, JNTU, Hyderabad

44. Give details of student enrichment programmes (speciallectures/workshops/ seminars/ involving external experts

S No	Name	Date	Topic
1	Dr. Y. Ravinder, PCIT, Pune	29th April, 2010	Radar Systems Engineering
2	Dr. N.V. Koteshwara Rao, CBIT, Hyd	6th May,2010	Antenna Array Analysis
3	Dr. M. Lakshmi Narayana, DLRL, Hyd	29th June,2010	Introduction to Microstrip Patch Antenna
4	Dr. V. Sarala, RCI, Hyd	17th July,2010	Antenna Measurements
5	Dr. Olav Andersen, CEO, Anderson Research, Sweden	3rd Dec,2010	Software defined and Cognitive Radios, Motivation, fundamentals and Challenges
6	Dr. Olav Andersen, CEO, Anderson Research, Sweden	3rd Dec,2010	Time Domain and Frequency domain Similarities, differences and Possibilities
7	Dr. S. Chandrasekhar, IISC, Bangalore	29th Dec,2010	Sampling theory and recent advances
II. Extension Lectures			
8	Padma Bhushan Dr. M.K. Mani, Chief Nephrologist, Apollo hospitals, Chennai	17th April,2010	Empowering Rural Women to Prevent Chronic Renal Failure
9	Prof. Kumpati S. Narendra, Yale University, USA	22nd Dec,2010	Convergence, Management in Natural and Man-maid systems

S No	Name	Date	Topic
10	Dr. Ravi Pendsc, WICHIT A, Space University	31st Jan,2011	Air borne Networking
11	Mr. Rakesh Sinha & Priya Jose, Powerwave Technologies	April,2011	Advances in Microwave Design
12	Dr. Kiranmai & Mr .Shiva, AMD, Hyd	23rd April,2011	Overview of AMD Processor
13	Mr. Valiu J.K, AMD, Bangalore	April,2011	OpenCL Architecture
14	Mr.Karthikeyan, CYPRESS Semiconductors	1st June,2011	Demo on PSOC Trainer KITS
15	Mr. Vishwanath L, MOSCHIP, Hyd	4th ,11th&18th , June,2011	Intensive Course on Verilog Programming
16	Mr. NandaKishore, ORCAD	7th June,2011	PSPICE
17	Dr. Bobby Mitra & Dr. C.P. Ravi Kumar, Texas Instruments	7th June,2011	DSP Processors
18	Mr. Appa Rao, Powerwave Technologies	2nd& 9th Jul,2011	Design of Microwave Active Components
19	Prof. M.V. Krishna Rao, CMRIT	1st June, 2013	Digital Signal Processing is Every where
20	Prof. Srinivas Katkoori, Univ of South Florida, Tampa, USS	6th July, 2013	Hardware oriented Security Analysis and IP Watermarking Techniques
21	Mr. Sena Reddy, Retired Executive, Silicon Valley, USA	12th July, 2013	Career Navigation
22	Mr. Sunil Gattani, EW Systems and Domain Specialist, Technology & Engineering, Tata Power Strategic Electonics Division	7th August, 2013	Challenging requirements of the Industry and Defense
23	Mr. S. Bhargava, Xilixnx, Hyd	17th August, 2013	Static and Dynamic Timing Analysis
24	Mrs. Shyamala	8th October, 2013	Wireless health
25	Prof. C.V.D. Somasekhar Rao, JNTU (H)	12th November, 2013	Transmission lines and Antenna theory
26	Mr. Venu Shamapat (ECE Alumnus – 1988)	17th December, 2013	My Journey So far – Real Learning

45. List the teaching methods adopted by the faculty for different programmes

- White Board
- Power point
- Demonstration
- Experiments
- Mini projects

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Continuously evaluate the performance of the students and update the curriculum regularly. Based on the feedback from stakeholders of the Department, the program objectives are set and the continuous evaluation process will monitor the learning outcomes.

47. Highlight the participation of students and faculty in extension activities:

Students are highly motivated in attending extension activities like conducting lectures and students' technical symposium.

48. Give details of "beyond syllabus" scholarly activities" of the department.

In association with OU ECE Alumni association we conduct Guest lecture, Demonstration and Mini projects

49. State whether the programme/department is accredited/ graded by other agencies if yes give details:

NBA experts committee visited recently for accreditation both UG and PG program and approved all programmes

50. Briefly highlight the contributions of the department in generating new knowledge basic or applied

1. Organizing Workshops and Guest Lectures by both academic and industry experts
2. Providing Industrial exposure/training in the faculty/staff members of the Department
3. Encouraging the students to do mini projects connected to society needs
4. Organizing "Job Oriented" courses for better employment.
5. Training the students to meet technical developments based on the ideals collected from the industrialists as well as alumni of the Department.

51. Detail any five strengths, weakness, Opportunities and challengers (SWOC) of the department.

Strengths:

1. The Department attracts top rankers of EAMCET

2. Department Library has many books in various categories that even many outsiders come here to refer to
3. Senior faculty with vast experience
4. Navigational Electronics Unit as a part of R & D
5. Industry attachment Programme

Weaknesses:

- Training in advanced areas required
- No exclusive Research lab
- Basic labs need advanced and new equipment
- Not much interaction with foreign universities to compete with global trends
- Clarity on syllabus making to improve the depth of coverage.

Opportunities:

- Faculty training and expertise building through conferences and exchange
- Programs.
- Courses requiring integration of multiple disciplines in engineering for example
- Space Technology, Nano technology, Mechatronics.

52. Future plans of the department

- To strengthen the existing VLSI Lab by procuring advanced software in this area and improve
- To improve institute industry interaction.
- To enhance the Research facility in R&D block.

***

Department of Mechanical Engineering

1. Name of the Department : Mechanical Engineering
2. Year of establishment : 1939
3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Engineering
4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Programme	Field / Specialization	Full / Part-time	Year of Starting	Duration	Intake
UG	B.E. in Mechanical Engineering	Full time	1939	4 yrs	60
PG	M.E (Production Engg.)	Both	1978	2/3 yrs	18/15
	M.E. (Turbo-Machinery)	Both	1994	2/3 yrs	25/15
	M.E. (Automation & Robotics)	Both	2001	2/3 yrs	13/15
	M.E. (CAD/CAM)	Full time	2001	2 yrs	32
	M.E(Tool Design)	Full time	2002	2 yrs	32
	M.E (DFM)	Full time	2014	2 yrs	32
Doctoral Programme	Total No. of Ph.D.s awarded from 2002 to till date				105
	Total No. of Ph.D.s registered from 2002 to till date				156

5. Interdisciplinary courses and departments involved

Department in which participating	Subject	Human resources (Faculty members)	Department Facilities
B.E.I Sem (all branches)	Engineering Workshop	12	Workshop
B.E.II Sem (ECE & EEE)	Elements of Mechanical Engineering	2	***
B.E.III Sem (CE)	Mechanical Technology	1	***
B.E.IVSem (EEE)	Prime movers and Pumps	1	***
B.E.IVSem (EEE)	Prime movers and Pumps	3	Hydraulic Machines lab Heat Engines Lab
B.E.(4/4) – I Sem (all branches)	Entrepreneurship	3	Seminar Hall
B.E.(4/4) – I Sem (EEE)	Non-Conventional Energy Sources	1	Classroom

B.E.(4/4) – I Sem (CE/ECE/EEE/BME)	Finite Element Analysis	1	Classroom
B.E. (4/4) –II Sem (all branches)	Robotics	1	Classroom
B.E.(4/4)-II Sem (EEE & ECE)	Industrial and Finance Management	2	***

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Course	Collaborative institute	Starting Year	Intake
M.E. (CAD/CAM)	CITD, Ministry of MSME , Government of India, Balanagar, Hyd	2002	32
M.E (Tool Design)	CITD, Ministry of MSME , Government of India, Balanagar, Hyd	2001	32
M.E (DFM)	CITD, Ministry of MSME , Government of India, Balanagar, Hyd	2014	32

7. Details of programmes / courses discontinued, if any, with reasons : Nil

8. Annual/ Semester/Choice Based Credit System:

Choice Based Credit System introduced in 2015-16

9. Participation of the department in the courses offered by other departments

Department in which participating	Subject	Human resources (Faculty members)	Department Facilities
B.E.I Sem (all branches)	Workshop Practice	12	Workshop Lab
B.E.II Sem (ECE & EEE)	Elements of Mechanical Engineering	2	***
B.E.II Sem (CE)	Workshop Practice –II	3	Workshop Lab
B.E.III Sem (CE)	Mechanical Technology	1	***
B.E.IVSem (EEE)	Prime movers and Pumps	1	***
B.E.IVSem (EEE)	Prime movers and Pumps	3	Hydraulic Machines lab&Heat Engines Lab

B.E.(4/4) – I Sem (all branches)	Entrepreneurship	3	Seminar Hall
B.E.(4/4) – I Sem (EEE)	Non-Conventional Energy Sources	1	Classroom
B.E.(4/4) – I Sem (CE/ECE/EEE/BME)	Finite Element Analysis	1	Classroom
B.E. (4/4) –II Sem (all branches)	Robotics	1	Classroom
B.E.(4/4)-II Sem (EEE & ECE)	Industrial and Finance Management	2	***

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor	06	04
Associate Professor	11	07
Asst. Professor	12	08

11. Faculty profile with name, qualification, designation and specialization (D.Sc./ D.Litt./ Ph.D./M.Phil., etc.)

S. No	Name	Designation	Qualifications	Areas of specialization	No of years of experience	No of PhDs Guided in 5 years
1	Prof. P.Laxminarayana	Professor	Ph.D.	Production Engg	23	03
2	Prof. Sriram Venkatesh	Professor	Ph.D.	CAD/CAM, Materials Handling, MD	21	01
3	Prof. A. Krishnaiah,	Professor	Ph.D.	Metal Forming, Prod. Engg	19	-
4	Prof. P. Ushasri	Professor	Ph.D.	Thermal Engg, Turbo machinery, CFD	20	-
5	Mr .K. Mohan Murali,	Associate Professor	M.Tech	Industrial Management, Industrial Engg	31	-
6	Mr. V. Nageswara Rao	Associate Professor	M.E.	Robotics, Machine Design	29	-

7	Dr. M V Ramana Murthy	Associate Professor	Ph.D.	NCES,HT	19	-
8	Dr. R. Rajendra	Associate Professor	Ph.D.	Industrial Management, Prod. Engg	19	-
9	Mr. V. Uma Maheshwar	Associate Professor	M.E.	Thermal Engg, Turbo machinery	19	
10	Dr. M. Chandra Sekhar Reddy	Associate Professor	Ph.D.	CAD/CAM, Machine Design	19	
11	Dr. P. Ramesh Babu	Associate Professor	Ph.D.	CAD/CAM, Prod. Engg	19	
12	Dr. K. Saraswa-thamma	Assistant Professor	Ph.D.	Prod. Engg	14	
13	Dr. Narsimhulu Sanke	Assistant Professor	Ph.D.	Thermal Engg, Turbo machinery, Renewable Energy sources, Prog. languages	14	
14	Dr. L Siva Rama Krishna	Assistant Professor	Ph.D.	CIM, CAD/CAM, web based manu fac. Systems, Industrial Engg.	9	
15	Mr. G Narendar	Assistant Professor	M Tech.	Energy Systems, CAD/CAM	9	
16	Dr. B Hadya	Assistant Professor	Ph.D.	Thermal Engineering, Finite Element Analysis	9	
17	Mr. E. Madhusudan Raju	Assistant Professor	M.E	Robotics, Control Systems	9	
18	Mrs. T. Nagaveni	Assistant Professor	M.E	Prod. Engg, Metallurgy & Material Science	9	
19	Ms. T.S.R.V. Padmalatha	Assistant Professor	M.Tech	Prod. Engg, Manufactu-ring Systems	9	

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

S. No	Name	Designation	Qualifications	Areas of specialization	No of years of experience	No of PhDs Guided in 05 years
1	Mr. G Venkateshwarlu,	Assistant Professor	M.E.	Production Engg,	9	--
2	Mr. K. L. Uday Kiran,	Assistant Professor	M.E.	Production Engg	9	--
3	Mr. K Venkateshwarlu,	Assistant Professor	M.E.	Production Engg	9	--
4	Mr. U Ashok Kumar,	Assistant Professor	M.E.	Advanced Design &Manufacturing	5	--
5	Mr.M Prakash,	Assistant Professor	M.E.	Production Engg	4	--

13. Percentage of classes taken by temporary faculty – programme-wise information

Programme	Programme-wise information
UG	30
PG	10

14. Programme-wise Student Teacher Ratio

Programme	Programme-wise information
UG	1:15
PG(A&R)	1:12
PG(PE)	1:12
PG(TM)	1:12
PG(TD)	1:15
PG(CAD/CAM)	1:15
PG (DFM)	1:15

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

	Sanctioned	Filled
Administrative staff	08	--
Technical staff	31	23
Class IV	19	10
Kamati	06	03

16. Research thrust areas recognized by funding agencies

- Composite Materials
- Fabrication using Severe plastic deformation
- Additive Manufacturing (Rapid Prototyping)
- Nano Materials
- Advanced Manufacturing
- Computational Fluid Dynamics

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

Project title	Project Duration	Amount Received (Rs. in Lakhs)	Funding Agency	Status (Completed/ In progress)	No. of Faculty involved
Structural and Mechanical Properties of Composite materials	2011-14	3.67	OU DST PURSE Project	**Completed**	01
Investigation on Natural Circulation loop with compact heat exchanger using Nano fluid as loop fluid	2011-14	5.6	OU DST PURSE Project	**Completed**	02
Computational analysis of grooved casing in a centrifugal compressor	2011-14	10	DST-RPS	In Progress	01
Development and experimental analysis of window AC system with roll bond condenser	2011-14	5.0	OU DST PURSE Project	**Completed**	02
Thermo-mechanical behavior of flexi-seal for aerospace applications	3 years	9.5	RCI	**Completed**	02
Development of High strength ultra-fine grained materials by Severe Plastic Deformation Processes	3 years	16.0	AICTE	**Completed**	02
MODROBS Project for upgradation of Production Lab	3 years	8.0	AICTE	**Completed**	02
Production of Ultra-fine Grained Copper Tools	2014-15	8.10	UGC	In progress	01

by Equal Channel Angular Extrusion for Micro-Machining					
Assessment of Dimensional accuracy of Facial (Zygomatic) bone fractures reduction using Additive manufacturing	2016-17	5.00	UGC	In progress	01
Development of EEG based Human Machine Interface for the control of 2 dof robot with Joint Flexibility	2016-17	4.5	UGC	In progress	01

18. Inter-institutional collaborative projects and grants received:

Project title	Project Duration	Amount Received	Funding Agency	Status(Completed/ In progress)	No. of Faculty involved
Thermo-mechanical behavior of flexi-seal for aerospace applications	3 years	9.5	RCI, Hyd	Completed	02
Design of Pressure regulating Valve	1 year	8.0	DRDO	Completed	02
Assessment of Dimensional accuracy of Facial (Zygomatic) bone fractures reduction using Additive manufacturing	3 years	5.0	UGC	In Progress	01

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

TEQIP Phase II

Total Funds Received : 0.80 Crores

Equipment Purchased: Abaqus Software, MSC Adams Software, Flexisim software,Variable Compression Engine, Vibration test rig, 8051 Microcontrollers, Pneumatic and Electro pneumatic trainer kit, Hydraulic trainer kit, Permeability meter, Muffle furnace, Optical projector with accessories, Image analyser with Camera and related software, micro manometers, solidworks software.

Projects started with seed money provided TEQIP-II

Sno	Faculty	Funding Agency	Title of the project	Year	Budget
1	Dr R Rajendra	TEQIP-II	Estimation of geometric dimensional deviation of constructed free form surfaces from machined free form surface	2015-16	0.85lakh
2	Dr L Siva Rama Krishna	TEQIP-II	Design and Manufacturing of scaffolds for Biomedical application using additive manufacturing	2015-16	0.85lakh
3	Mr E Madhusudan Raju	TEQIP-II	EEG signal based non invasive brain machine interface to control a two degree freedom RR type of planar robot arm	2015-16	1.0 Lakh
4	Mrs.T Nagaveni	TEQIP-II	Processing & characteristation of porous Zirconia ceramics by gel casting	2015-16	1.0 Lakh

MHRD Funds: Department received about 65 Lakhs of Rupees and started a Center on Rapid prototyping and Testing of Industrial Products (CPTIP) with RPT Formigamachine. CPTIP generated revenue of 25 lakh from its inception, it undertakes consultancy works of industries like DRDO, DMRL, ECIL, Mahindra Satyam, Transcend India, Bio Genex, CARE, sensacore medical instrumentation and Digital dynamics. In recent times, it is found that the Hospitals are utilizing the needs of center more as time taken to produce the component is minimal.

20. Research facility / centre with

- National recognition

1. Center for Energy Technology(CET):

Center for Energy Technology was established in Nov-1997 with the objective of promoting New and Renewable sources of Energy, growing concern on the depletion of fossil fuel reserves and detrimental effects of conventional energy sources on environment makes it imperative to, maximize the use of renewable energy sources which are economically viable and environmentally friendly. The center aims at development and popularization of these technologies.

2. Center for Prototyping and Testing of Industrial Products (CPTIP)

CPTIP generated revenue of 30 lakhs in a period of five years from its inception, it undertakes consultancy works of industries like DRDO, DMRL, ECIL, Mahindra Satyam, Transcend India, Bio Genex, CARE, Sensacore medical instrumentation and Digital dynamics. In recent times it is found that the Hospitals are utilizing the needs of center more as time taken to produce the component is minimal. Apart from consultation work it is also extensively used for M.E and B.E. dissertation works.

21. Special research laboratories sponsored by / created by industry or corporate bodies.

The college has created a technological hub called Technological development center with the help of software companies. In this hub it has created two separate facilities for training, consultancy for solid modeling and analysis called as CAD center with softwares like hypermesh, solidworks and a center for training students, faculty and employees of govt and private firms and for providing consultancy in the field of computational fluid dynamics called CFD center. Each center is furnished with 60 desktop systems, LCDs.

MOU's with DAIKIN company to set up its training and servicing unit in the campus in TDC building and provide training facilities to the faculty and the students and undertake B.E., M.E. projects apart from training of engineering faculty from various colleges of the city in the area of HVAC.

22. Publications:

* Number of papers published in peer reviewed journals (national / international):

Faculty	No. of Publications in International/ National Journals	No of Presentations in International/National Conferences
Prof. Sriram Venkatesh	11	25
Dr. A M K Prasad	12	06
Prof. P Laxminarayana	06	25
Dr. M V Ramana Murthy	01	01
Dr. A. Krishnaiah	15	12
Dr. P. Usha Sri	43	12
Mr. K.Mohana Murali	00	01
Mr. V Nageswara Rao	02	02
Dr. R. Rajendra	05	02
Dr. M. Chandra Sekhar Reddy	04	--
Dr. P. Ramesh Babu	06	10
Mr V Uma Maheshwar	01	04
Dr. Narsimhulu Sanke	08	08
Dr. K Saraswathamma	03	04
Dr. L Siva Rama Krishna	15	21
Mr. G Narendar	06	07
Dr. B Hadya	05	04
Mr. E.Madhusudan Raju	02	02
Mrs. T.Nagaveni	02	03
Mr G Venkateshwarlu	03	02
Mr. K L Uday Kiran	01	01
Mr. K Venkateshwarlu	--	01
Mr. U Ashok kumar	03	14
Mr. M Prakash	--	03
Total	154	160

* Monographs : --
* Chapters in Books : 01
* Edited Books : 01
* Books with ISBN with details of publishers : 00
* Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

Faculty	h-index of faculty for papers published form 2006-13	g-index of faculty for papers published form 2006-13
Prof. Sriram Venkatesh	1	--
Prof. A. Krishnaiah	5	--

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated:

Additive Manufacturing(CPTIP) : Rs. 30 Lakhs

Through M.E. COURSES in collaboration with CITD Hyd : Rs 63 Lakh

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad

Faculty	Visited	Purpose
Dr L Siva Rama Krishna	SHAR	Session Chair for a session at National conference on LAMSYS-16 organised by ISRO, India
Prof Sriram Venkatesh	Chattishgarh	Guest Lecture on CAD & RPT at O P Jindal Institute of Technology, Raigarh, Chattishgarh
Dr P Usha Sri	Tamil nadu	Paper presentation
Dr L Siva Rama Krishna	Chattishgarh	Guest Lecture on Web based RPT at O P Jindal Institute of Technology, Raigarh, Chattishgarh
Dr L Siva Rama Krishna	Chennai	Open Forum on CAD/CAM
Dr Narsimhulu Sanke	SPAIN	Guest Lecture on Bio mass, university of Cantrabtia, Spain
Prof P Laxminarayana	Vizag	Guest Lecture on Engineering Research Methodologies at GITAM Technological Campus, VIZAG
Prof .A Krishnaiah	Bangkok	Paper presentation
Prof Sriram Venkatesh	Bangkok	Paper presentation
Mr U Ashok Kumar	Jammu &	Attended Indian National Science Congress

	Kashmir	
Prof Sriram Venkatesh	Miami, USA	Paper presentation
Dr L Siva Rama Krishna	Miami, USA	Paper presentation
Prof Sriram Venkatesh	Chattishgarh	Guest Lecture on CAD & RPT at OP Jindal Institute of Technology, Raigarh
Prof .A Krishnaiah	Metz, France	Paper presentation
Dr P. Ramesh Babu	Metz, France	Paper presentation
Dr Narsimhulu Sanke	Montreal, Canada	Paper presentation
Saraswathamma	Kanazwa, Japan	Paper presentation

26. Faculty serving in

a) National committees

Prof. A Krishnaiah
Prof. P Laxminarayana
Prof. Sriram Venkatesh
Mr. V Uma Maheshwar
Dr. L Siva Rama Krishna
Dr. Narsimhulu Sanke
Dr. P. Ramesh Babu

b) Editorial Boards

Prof. Sriram Venkatesh	:	Elsevier Publications
Dr. P Usha Sri	:	Technical committee for symposium on Aerodynamics, DRDO
Dr. L Siva Rama Krishna	:	World applied Science Journal,IJSIMM, IJIEM, IJEST, IJWAS, Journal of The Institution of Engineers (India): Series C published by Springer, British Journal of Applied Science & Technology

c) any other (please specify): NIL

27. Faculty recharging strategies

Quality Improvement Programmes for PhD and Post Doctoral

- Dr. Rajendra was awarded the PhD Degree from Mechanical Engineering Department, IIT Kharagpur on 23rd June 2012. The Topic of his title is "Modelling and Simulation of robotic systems using Soft computing"
- Dr. K. Saraswathamma was awarded PhD Degree from IIT Delhi on 'Synthesis and Characterisation of MR polishing fluid and MR finishing of Silicon'

- Dr. M.Chandrasekhar Reddy was awarded PhD Degree from IIT Madras on 'Detection of misalignment and crack in rotor systems using torque and strain measurements'
- Dr. B Hadya was awarded PhD Degree from Osmania University on 'Experimental Investigations and performance comparison of Zero ODP HFC group refrigerants in an air condition system.'
- Ms. T.S.R.V. Padmalatha pursuing Ph.D. in IIT, Chennai
- Mrs.T. Nagaveni pursuing Ph.D. in NIT, Warangal

Short term Courses/Workshops/Training Programmes/ Conferences attended by the Faculty

- Seminars and Conferences :44
- FDPs and STTPs :27
- Orientation Program :10

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects : 75
- percentage of students doing projects in collaboration with other universities / industry / institute : 25

29. Awards / Recognitions received at the National and International level by

- Faculty

Faculty	Award
Prof Sriram Venkatesh	**Engineer of the Year-2016 award by The Institute of Engineers (India), Telangana State Center and Government of Telangana**
Prof Sriram Venkatesh & CPTIP Center	Academic Research Award of Excellence to the Center for Prototyping and Testing of Industrial Products (CPTIP), UCE, OU from Additive Manufacturing Society of India, Bangalore, 2014
U. Ashok Kumar	Young Enviornmentalist-2012 award
Dr. Narsimhulu Sanke	Best Paper Award, 2012
B. Hadya	Best Session paper award, 2012

- Students

	Name	Event	Achievement
1	Mr N Yadaiah , student of ME(PE)	State first in TSGENCO and TSPSC recruitment tests held by Telangana Govt in 2015-16	State first in TSPSC exam

	B Ravi Teja,	All India Rank of 694 in Civil Services Examination 2015	AIR 694 Rank in Civils, UPSC
2	Ravi Teja, student of ME(TM)	All India Rank of 29 in Engineering Services Examination.	AIR 29 Rank in ESE, UPSC
3	**60+** students from ME courses	were selected for TSGENCO and TSPSC recruitment test held by Telangana Government in 2015-16	TSPSC Exam
4	**40+** students from ME and B.E. courses	were selected for APPSC recruitment test held by Telangana Government in 2011-13	APPSC Exam
5	**TEAM-SAE-BAJA** 2013 Srinath Sharma, Srujan, Rammohan, Satya Prakash, Vamshi Krishna, Shilpi Singh, Pranoy, Sai Srinath.	To Design, Fabricate and Race with the developed 'All Terrain Vehicle' (ATV) named DIRTRIDER and participate in Static, dynamic and Endurance tests on the Vehicle. Pitampur, Indore during Feb. 7-12, 2012.	Best Innovation Award worth of Rs one Lakh for Phase shifter of 4 Wheel Drive System
6	**Team Aaphalt X-125** consisting 25 students from 2nd and 3rd year	participated in National-GO KART (NKRC) 2015 (Jan 2015) held at Bhopal	secured 9th position overall and 5th in endurance test
7	Team **OU TORNADO** consisting of 25 students of 2nd and 3rd year	participated in National-GO KART championship held at Hyderabad (Oct-2015)	Overall 6th position
8	Team **ATHENA** consisting of 25 Girl students of the College department to form the First ever All Girls Go Kart Team	Participated in International Series of Karting (ISK) Racing Competition (March 2016) held at and stood among the Top 6 Teams in the Championship winning a**.** It proved a point that Girls are no way inferior to Boys in Mechanical/ Automobile Engineering Arena.	Were placed at 6th position in overall rankings and bagged **Special Appreciation Award called EMPOWERED WOMEN** of International Series of Karting
9	Team **Asphalt Ver 2**consisting	Participated in Trinity Karting Trophy	**won Second Runner up**

	25 students from 2nd and 3rdand 4th year	Championship (March 2016): hosted by KJ's Educational Institutes, Kondhwa Annexe, Pune	**Prize of Rs. One Lakh.**
10	Team of 10 students from 2nd year	Participated in an **SAE Efficycle 2016** event	
11	Every year Two Top final year students	are selected for externship program offered by M/s. Boeing, USA and work at M/s. Infotech, Hyderabad.	The stipend is Rs. 20,000/ per month.

Student achievements:

M.E. Student Publications: 20

PhD Student Publications: 50

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Title	Any other Contributory Inst./Industry	No of Partici-pants	Place	Date	Resource Persons
International/National Conferences					
National Conference on Recent Advances in Mechanical Engg RAME-12	Affiliated Private Colleges & Program AD, DRDL	120	Hyd	March 16-17, 2012	Expert lectures from eminent personalities from IITs and National Labs
International Conference on Reforms In Technical Education-Global Trends (ICORTE-2010)	Affiliated private colleges	100	Hyd	Aug 2010	Faculty from various IIT's and renowned industries and software companies
National Conference on emerging trends in Mech Engg ETIME 2014	Affiliated Private Colleges & Program AD, DRDL	115	Hyd	Dec-2014	Expert lectures from Prof P N Rao & others
Workshops/Training Programmes					
3 day workshop on Engg Research Methodologies	TEQIP II	20	Hyd	21-24th march, 2013	Faculty from CITD, ATI, Dept
3 day workshop on Engg Research Methodologies	UCE,OU	300	Hyd	3rd -4th Feb, 2012	Faculty from OU

A 5-day Short Course on "Knowledge Based Systems in Engineering"	TEQIP-II.	PG/UG	Hyd	June, 2013	for faculty of various College belonging to Mechanical Engineering Department
A 3-day workshop on "Metrology"	TEQIP-II	PG/UG	Hyd	March, 2013	for faculty of various College belonging to Mechanical Engineering Department
A 3-day workshop on "Optimisation through Experimental Design	TEQIP-II	PG/UG	Hyd	Sep 2013	for faculty of various College belonging to Mechanical Engineering Department
Endowment Lectures					
Abid Ali Endownment Lecture	Family of Abid Ali	50	Hyd	Jan 2012	Prof D N Reddy
Energy Conservation Day	State Govt, NRDCAP	60	Hyd		
State level Rajiv Ghandhiakshay Urja Divas-2012	State Govt, NRDCAP	90	Hyd	Aug, 2012	***
State level Energy conservation day-2011	NEDCAP	60	Hyd	Aug 2011	***
Energy Conservation Day	State Govt, NRDCAP	60	Hyd	Aug 2012	***
State level Energy conservation day-2011	NEDCAP	60	Hyd	Dec 2011	***
Energy Conservation Day	State Govt, NRDCAP	60	Hyd	Dec 2012	***
Energy Conservation Day	State Govt, NRDCAP	50	Hyd	Dec 2013	***
Energy Conservation Day	State Govt, NRDCAP	60	Hyd	Dec 2014	***
Energy Conservation Day	State Govt, NRDCAP	75	Hyd	Dec 2014	***
Energy Conservation Day	State Govt, NRDCAP	75	Hyd	Dec 2014	***
Student Technical Symposiums					
Mecharena 2016	IME	250	Hyd	March 2016	Scientists from DRDL, RCI,

Mecharena 2015	IME	250	Hyd	March 2015	Scientists from DRDL, RCI,
Mecharena 2014	IME, NMDC	200	Hyd	March 2014	Scientists from DRDL, RCI,
Mecharena 2013	IME, NMDC	200	Hyd	March 2013	Scientists from DRDL, RCI
Mecharena 2012	IME, NMDC	500	Hyd	March 2012	Scientists from DRDL, RCI,
Placement Training					
How to get Campus Job Offers, Samanvayah 2011	Placement office	All B.E, MCA. & M.E. students	Hyd		Lectures & Interview sessions from leading Business school coaching centers
How to get Campus Job Offers, Samanvayah-2012	Placement office	All B.E, MCA. & M.E. students	Hyd		Lectures & Interview sessions from leading Business school coaching centers
How to get Campus Job Offers, Samanvayah-2013	Placement office	All B.E, MCA. & M.E. students	Hyd		Lectures & Interview sessions from leading Business school coaching centers
Samanvayah-2014	Placement office	All B.E, MCA. & M.E. students	Hyd		Lectures & Interview sessions from leading Business school coaching centers like TIME institute
Samanvayah-2015	Placement office	All B.E, MCA. & M.E. students	Hyd		Lectures & Interview sessions from leading Business school coaching centers like TIME institute
Samanvayah-2016	Placement office	All B.E, MCA. & M.E. students	Hyd		Lectures & Interview sessions from leading Business school coaching centers (TIME institute)
Qizzotic 2016	--		Hyd		Quizzing competition for Engineering students

Qizzotic 2015	--		Hyd		Quizzing competition for Engineering students
Qizzotic 2014	--		Hyd		Quizzing competition for Engineering students
Qizzotic 2013	--		Hyd		Quizzing competition for Engineering students
Qizzotic 2012	--		Hyd		Quizzing competition
Mahindra Auto quotient Quiz	Mahindra & Mahindra		Hyd		Nationwide Auto Quiz

31. Code of ethics for research followed by the departments

- Monitoring of half yearly progress reports of scholars.
- Review of the work through annual seminars
- The work will be reviewed before submission for Plagiarism
- Adjudication of thesis by eminent professors from reputed institutions

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG(Mechanical Engg)	Through EAMCET	196	71	--	--
PG (Production Engg)	Through GATE/PGECET	25	9	--	--
PG (Automation & Robotics)	Through GATE/PGECET	21	10	--	--
PG (Turbo Machinery)	Through GATE/PGECET	30	11	--	--
PG (Tool Design)	Through CITD Entrance Test	53	10	--	--
PG (CAD/CAM)	Through CITD Entrance Test	30	02	--	--
PG (DFM)	Through CITD Entrance Test	57	02	--	--

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG(Mechanical Engg)	45	35	15	5
PG (Production Engg)	30	64	--	6
PG (Automation & Robotics)	33	54	--	13
PG (Turbo Machinery)	37.5	60	--	2.44
PG (Tool Design)	26	30	44	--
PG (CAD/CAM)	20	22	58	--
PG (DFM)	20	22	58	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

M.E. STUDENTS:

Academic Year	Name of the student	Appeared and selected as
2015-16	Mr. M Yadaiah (PE)	State FIRST RANK in recently held Telangana State GENCO exam held in December 2015
2015-16	Mr. M Yadaiah (PE)	State FIRST RANK in recently held Telangana State Assitant Executive Engineers (I& CADD) exam held in December 2015
2015-16	Mr.B.Ravi Teja (B.E.)	All India Rank 694, Civil Services Exam 2015
2015-16	Mr .Ravi Teja (TM)	All India First Rank in ISRO exam, 2014
2014-15	Mr .Ravi Teja (TM)	All INDIA 29th Rank in Indian Engineering Sevices Exam, 2015
2015-16	M.E.(PE,A&R, TM)	More than 50 M.E. students are selected to state government jobs in recently held Telangana State exams like GENCO / I&CADD exams held in 2015

BE Students:

Civil Services:

Every year at least 02 students clear prelims in Civil Services

GATE:

Every year more than 40 students qualify in GATE examination and some of good ranks achieved by the students over the years are

Year	Name	All India Rank
2011-12		
2012	Sachin	51
2012	Pandurangam	106
2012	Pavan	390
2012	Surender Reddy	229
2012-13		
2013	Induri Linga Reddy	647
2013	Rajani	285
2013	Bala Tripura Sundari	280
2013	J Pavan Naresh	1295
2013	Siveshwar	595
2013	Priyanka	1590
2013	Chenna Kesava Reddy	658
2013	Yadaiah	1870
2013-14		
2014	Chenna Kesava Reddy	181
2014	Ch Naresh Kumar	237
2014	K Sai Ranjit Kumar	471
2014	Linga Reddy	471

- **Performance in GRE**

Year	Name	
2011-12		
2012	Niharika	1420
2012	Pravalika	1380
2012	Ganesh	1200
2012-13		
2013	Niharika Nagari	327
2013	Pravallika	324
2013	J Suraj Reddy	317
2013-14		
2014	Nidhi Srinivas	327
2014	J Suraj Kumar	317
2014	Manikantham	305
2014	Ch Niharika	CAT 97 percentile
2014	G Jayesh Devnani	CAT 96 percentile
2014-15		
2015	Rashmi	325
2015	Tarun Pati	324
	Hanumanth Reddy	318

- **Off Campus Placements & Govt Jobs**

S. no.	Student Name	Job Offer
2011-12		
1	Sachin	NTPC/BEL
2	Navneeeth Rathod	NTPC
3	T Pavan	BARC
4	Priyanka	General Motors
5	A Sandeep	Mahindra & Mahindra
6	Qasim Ali	Anand Motors
2012-13		
1	Rajani	BPCL
2	Surendra Boda	BPCL
3	Tripura Sundari	HPCL
2013-14		
1	Udaya Sri	Polytechnic Lecturer
2	Sheetal Chowhan	Asst Motor Vehicle Inspector
3	Saidulu	Polytechnic Lecturer
4	Omkara Swaroopini	Polytechnic Lecturer
5	P Kameswari	Assistant Executive Engineer
6	Roopa	SAIL
7	Kavitha	Polytechnic Lecturer
8	Narendra	Polytechnic Lecturer
9	Girish Nag	DRDO

35. Student progression

Student progression	Percentage against enrolled
UG to PG	15
PG to M.Phil.	-
PG to Ph.D.	10
Ph.D. to Post-Doctoral	-
Employed • Campus selection • Other than campus recruitment	 UG (114), PG (16) 60+
Entrepreneurs	02

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	52.6
from other universities within the State	46.4
from universities from other States	Nil
from universities outside the country	Nil

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Faculty	Ph.D
Dr R Rajendra	IIT Karagpur
Dr. Narsimhulu Sanke	UCE, OU
Dr. K. Buschaiah	UCE, OU
Dr M Chandra Sekhar Reddy	IIT Madras
Dr K Saraswathamma	IIT Delhi
Dr B Hadya	Osmania University

38. Present details of infrastructural facilities with regard to

a) Library:

2500 Titles with 02 desktop systems with 100 mbps internet facility for accessing the journals, e books, Library Resources.

b) Internet facilities for staff and students:

120 systems with 100 mbps internet facility

c) Total number of class rooms : 13

d) Class rooms with ICT facility : 10

e) Students' laboratories : 13

f) Research laboratories : 04

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university : Doctoral Students (PhDs awarded)

Student List to be appended

b) List of Research Scholars

S.No	Name of the Candidate	Supervisor
1	Mr.V. Uma Maheshwar	Prof. A.M.K. Prasad
2	Mr. M. Swamy	Prof.P. Laxminarayana
3	Mr. U. Ashok Kumar	Prof. P. Laxminarayana
4	Mr. Md. Aleem Pasha	Dr. P. Ravinder Reddy&Prof. P. Laxminarayana
5	Mr. M. Ashok Kumar	Prof. A.M.K. Prasad
6	Mr. Y. Venkat Reddy	Prof. Sriram Venkatesh
7	V. Pallavi	Dr. K. Bala subramaniann &Prof. Sriram Venkatesh

S.No	Name of the Candidate	Supervisor
8	Mr.E. Madhusudhan Raju	Dr. L. Siva Rama Krishna
9	Mr. A. Kiran Kumar	Dr.L. Siva Rama Krishna
10	Md. Javeed	Dr. P. Usha Sri
11	K. Hemalatha	Dr. P. Usha Sri
12	Mr. G. Bhaskar	Dr. M. Radha Krishna&Dr. L. Siva Rama Krishna
13	Mr. M. Raju	Prof. A.M.K. Prasad
14	Mr. D. Devaiah	Dr. K. Kishore&Prof. P. Laxminarayana
15	Mr. Syed Azeem Pasha	Prof. P. Ravinder Reddy & Prof. P. Laxminaryana
16	Mr. G. Sayanna	Dr. P. Usha Sri
17	Mr. C. Venkateshwar Reddy	Dr. P. Ramesh Babu
18	Mr. Pandu Ramavath	Prof. P. Laxminarayana
19	Mr. Md. Kareem Mulla	Dr. P. Ramesh Babu&Dr. G. Chandra Mohan Reddy
20	Mr. C. Hari Venkateshwar Rao	Dr. P. Usha Sri
21	MR. T. Ohm Prakash	Dr. P.Usha Sri&M.V.S. Murali Krishna
22	V. Sumalatha	Dr. P. Ravinder Reddy&Dr. A. Krishnaiah
23	T. Hima Bindu	Dr. L. Siva Rama Krishna&Dr. P. Ravinder Reddy
24	G. Mrudula	Dr. A. Krishnaiah&Dr. P. Ramesh Babu
25	Mr. B. Tejavardhan	Dr. A. Kishore&Prof. P. Laxminarayana
26	Ch. Indira Priyadarshini	Dr. P. Usha Sri
27	Mr. T. Murali Mohan Raju	Dr. M. Radha Krishna&Dr. A. Krishnaiah
28	Mr. D. Srikanth	Dr. M.V. Murali Krishna&Dr. P. Usha Sri
29	MR. G. Venkatesh	Dr. a. Seshu Kumr&Prof. Sriram Venkatesh
30	Mr. Hanmanthu Krishnamurthy.D	Dr. L. Siva Rama Krishna&Dr.P. Ravinder Reddy
31	V. Prasanna	Dr. A. Seshu Kumar&Dr. P. Ramesh Babu
32	A. Haritha Reddy	Dr. P. Usha Sri
33	Mr. Ch. Shakar	Dr. Kishore&Dr. P. Laxminarayana
34	Mohd. Touseef Ahmed	Dr. A. Seshu Kumar
35	Mr. Yakoob Kolipak	Dr. M. Radha Krishna & Dr. A.M.K. Prasad

S.No	Name of the Candidate	Supervisor
36	K. Kishore Kumar	Dr. P. Ramesh Babu
37	Mr. G. Prakasham	Dr. A. Seshu Kumar & Dr. L. Siva Rama Krishna
38	Mr. Rajesh W. Lanjewar	Dr. A. Krishnaiah
39	Mr. T. Omkaram	Dr. K. Balasubrahmanyam,NFTDC &Prof. Sriram Venkatesh
40	G. Ramesh	Prof. G. Chandra Mohan Reddy & Prof. Sriram Venkatesh
41	G. Sunder Rao	Dr. P. Ramesh Babu
42	K. Rama Swamy	Dr. P. Ramesh Babu
43	Rajeshwari Vanam	Prof. P. Ravinder Reddy
44	R. Mahesh Kumar	Prof. Sriram Venkatesh
45	Abdul Hafeez Taha Mehkari	Dr. A. Seshu Kumar & Prof. A.M.K. Prasad
46	K. Chiranjeevi Sabitha	Dr.P. Ravinder Reddy & Dr. A. Krishnaiah

c) from other universities : Nil

40. Number of post graduate students getting financial assistance from the university.

- GATE Eligible Candidates avail scholarships from UGC and AICTE. From the Academic Year 2012-13, apart from GATE Candidates, Non GATE Candidates are eligible for Scholarship from TEQIP Phase II Funds.
- Students who are admitted into the college through PGECET are eligible for funding from TEQIP II. Till date more than 23 PG Students and 02 PhD scholars are provided financial assistance.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- The New programmes or revision of the syllabus is done by Board of Studies committee. Which includes senior faculty of the department, industrialists, scientists form defence laboratories, prospective employeers and other prominent people in the field of Mechanical Engineering

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Monthly meeting with college faculty is held every month and department meeting is held every fortnight for improving the performance of the Department. The suggestions from these meeting are taken into consideration for implementation.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Last day of the semester feedback form the students is taken and the information form these is placed in the faculty meeting and appropriate actions are taken

c. alumni and employers on the programmes offered and how does the department utilize the feedback?

The information from the alumni and employers is taken periodically and the suggestions from these are kept in the academic/administrative meetings and appropriate actions are taken for the improvement of the program.

43. List the distinguished alumni of the department (maximum 10)

- Ponnala Laxmaiah, Former Minister for Irrigation, A.P.
- Prof. D.N. Reddy, Chairman, Recruitment & Assessment Center, DRDO, Former Vice Chancellor, JNTU
- Dr. V.K. Saraswat, Scientific Advisor to Prime Minister, Principal Director DRDO
- Prof. J.N. Reddy, Univ. of (A&M)
- Prof. M. Ramulu, University of Washington
- Dr Kota Sridhar, CEO, flexsys, Herrick Professor of Mechanical Engineering, University of Michigan
- Mr. Devendra Surana**,** Director, Surana Group of Companies
- Mr. I.V. Rao, General Manager, Maruthi Udhyog Ltd.
- Mr. Brig. P. Ganeshan, Director, Bharat Dynamics Ltd.
- Mr. Y. Harish Chandra Prasad, MD, Mahalaxmi Group
- Mr. Ramesh Gelli, Founder Managing Director, Global Trust Bank

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Department undertakes various activities like organising National and International conferences, Technical workshops/seminars, Industrial tours, Guest lectures, Training on latest softwares and softskills, placement programmes on how to crack interviews and also periodically counsels the students to improve their overall character and excel in their choosen field.

Last few years these are some of the programmes conducted by the department.

In order to improve the quality of PG programmes the department has organized training programmes on Softwares like Ansys,Ansys-CFX, Abaqus, Flexsim, MSC Adams, Pro-E, Hypermesh.

Title	Any other Contributory Inst./Industry	No of Partici-pants	Place	Date	Resource Persons
International/National Conferences					
National Conference on Recent Avances in Mechanical Engg RAME-12	Affiliated Private Colleges & Program AD, DRDL	120	Hyd	March 16-17, 2012	Expert lectures from eminient personalities from IITs and National Labs
International Conference on Reforms In Technical Education-Global Trends (ICORTE-2010)	Affiliated private colleges	100	Hyd	Aug 2010	Faculty from various IIT's and renowned industries and software companies
Workshops/Training Programmes					
3 day workshop on Engg Research Methodologies	TEQIP II	20	Hyd	21-24th march, 2013	Faculty from CITD, ATI, Dept
3 day workshop on Engg Research Methodologies	UCE,OU	300	Hyd	3rd -4th Feb, 2012	Faculty from OU
workshop on Ansys-CFX	Ansys, Hyd	200	Hyd	July 2009	Professionals from Industry
workshop on Finite Difference methods	Ansys, Hyd	200	Hyd	Oct 2009	Professionals from Industry
Endowment Lectures					
Abid Ali Endownment Lecture	Family of Abid Ali	50	Hyd	Jan 2012	Prof D N Reddy
Energy Conservation Day	State Govt, NRDCAP	60	Hyd		
State level Rajiv Ghandhiakshay Urja Divas-2012	State Govt, NRDCAP	90	Hyd	Aug, 2012	***
State level Energy conservation day-2011	NEDCAP	60	Hyd	Aug 2011	***
Energy Conservation Day	State Govt, NRDCAP	60	Hyd	Aug 2012	***
Student Technical Symposiums					

Mecharena 2016	NMDC	250	Hyd	March 2016	Scientists from DRDL, RCI
Mecharena 2015	IME, NMDC	250	Hyd	March 2015	Scientists from DRDL, RCI
Mecharena 2014	IME, NMDC	200	Hyd	March 2014	Scientists from DRDL, RCI
Mecharena 2013	IME, NMDC	200	Hyd	March 2013	Scientists from DRDL, RCI
Mecharena 2012	IME, NMDC	500	Hyd	March 2012	Scientists from DRDL, RCI,
Mecharena 2011	IME	300	Hyd	Feb 2011	Scientists from DRDL, ARCI
Placement Training					
How to get Campus Job Offers, Samanvayah 2011	Placement office	All B.E, MCA. & M.E. students	Hyd		Lectures & Interview sessions from leading Business school coaching centers
How to get Campus Job Offers, Samanvayah-2012	Placement office	All B.E, MCA. & M.E. students	Hyd		Lectures & Interview sessions from leading Business school coaching centers
How to get Campus Job Offers, Samanvayah-2013	Placement office	All B.E, MCA. & M.E. students	Hyd		Lectures & Interview sessions from leading Business school coaching centers
Samanvayah-2014	Placement office	All B.E, MCA. & M.E. students	Hyd		Lectures & Interview sessions from leading Business school coaching centers
Samanvayah-2015	Placement office	All B.E, MCA. & M.E. students	Hyd		Lectures & Interview sessions from leading Business school coaching centers
Samanvayah-2016	Placement office	All B.E, MCA. & M.E. students	Hyd		Lectures & Interview sessions from leading Business school

45. List the teaching methods adopted by the faculty for different programmes.

- Black board/Green Board and Chalk,
- PPT,
- Assignments,
- Group Discussions,
- Class tests, Surprise tests, slip tests

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- The department in consultation with faculty, students, employers, alumini and distinguished academicians has drafted the program educational objectives of the department

  PEO's of the Department:

  Objective –I: Technical knowledge

  Objective-II: Problem Solving Skills.

  Objective-III: Communication skills & Lifelong Learning

  Objective-IV: Professionalism

  Objective-V: Creativity & Entrepreneurism.

- To monitor whether they are constantly met or not feedback is taken from the alumni, prospective employers, outgoing students, faculty, and through alumni meets, faculty meets in the department and college and required measures are taken.

47. Highlight the participation of students and faculty in extension activities.

Faculty and students actively participate in extension programmes.

Faculty availed the QIP and enrolled in various IITs and NITs for their PhDs. 05 No. Faculty was awarded PhDs from various IITs under this scheme. 04 no. of faculty are in various stages of completion of their PhD work. All the faculty participate in various Training/ refreshers/orientation programmes organized in various parts of the country and upgrade themselves. They also participate in pedagogy and software training programmes. they publish papers in National and International Journals. They present technical papers in various conferences in and outside the country.

Students also actively participate in various extension activities apart from the regular classwork as given almanac. These activites improve their skills, knowledge and confidence when they approach the interviewers in Palcement activity. students will be the part various kinds of activities undertaken by the dept like Conferences, training programs.

Each year they organize National level technical symposium called MECHARENA, wherein the students from all over the country come to participate in various technical competitions. This improves their

technical/softskills/organizing and Mangerial skills.

Students are also part of Street cause and participate various activities like Blood donation camps and other activities.

NSS activities:

The students of the department participate in Blood donation camps every year on the eve of Gandhi Jayanthi. Every year about 50-75 students from the department participate in the campaign.

Industrial Visits:

The 4th year students of the department every in year in the months of December and January plan for a industrial visit. During last two years they have visited Maruthi plant in Manesar, Gurgoan, Mahindra plant and others.

Student Symposium:

Every year in the month of Feburary and March conduct National Levl Student symposiums. This has started in 2002 and this is conducted every year. This is an event which is designed, developed and executed by students, which helps in improving communication skills, leadership qualities and helps them in working in a team.

Quizzes:

Department for the last 02 years is conducting quizzing programs for the students of the state. Last year 40 colleges form Hyderabad participated in the event. This helps our students in getting exposed to latest technologies. This helps them in participating events like Mahindra Auto Quiz.

Collegiate Club:

Department started a SAE student charter in the college. It consists of 121 registered candidates. The aim of the club is to improve the technical knowledge of the students participating in SAE BAJA& SAE Supra events.

Under SAE Club a 2 Day workshop on "geometric modeling & analysis software" on 8th -9th of Aug, 2012. The trainers were from M/S DASSAULTS SYSTEMS. 50 students from various colleges across the state participated in it.

Social activities:

Department students are a part of organization called Street cause, a nonprofit social organization which conducts events like blood donation camps, selling of Ganesh idols, campaigning against atrocities against under privileged, women and children. Participate in events to educate people on the issues of human trafficking, drug abuse.

48. Give details of "beyond syllabus scholarly activities" of the department.

- Participation in Industry Internship

- Conduct of Student Technical Symposiums
- Guest Lectures
- Workshops/International & National Conferences
- Placement Activity
- SAE-BAJA (winner of Innovation award, amount of Rs one Lakh in SAE BAJA 2013)
- Participation in National Gokart Championship 2014, 2015, 2016

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Apart from NAAC accreditation, Department went for NBA accreditation of UG AND PG in July 2012 and March-April 2013 respectively. The UG course is accredited for a maximum of five years from 2013 on wards. PG Programs (Production Engineering & Turbo machinery) were Accreditation for a maximum of 3 years from 2013 onwards

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

To meet the required Academic standards, quality instruction to students is imparted by the motivated and qualified faculty members providing good academic insights. To provide higher degree of perspective in the concepts of subject content, Computers and Audio-Visual equipment are extensively used. Students are especially trained to meet the current industrial requirements.In order to keep pacewith changing needs of educational standards, the department reviews and revisesthe course syllabus every year. In the process, the courses underwent many changes over the years thereby making them more relevant to the requirements of higher education, research and industry. The department is in the forefront relating research in the areas for rapid prototyping, computational fluid dynamics, fracture mechanics, machine design. The department has conducted various symposiums, workshops and training courses in the areas of Rapid prototyping, CFD and composite materials. Department takes consultancy in the field of Rapid prototyping and composite materials and helps the industries in solving their problems and there by serves the society.

- Center for Energy Technology was established in Nov-1997 with the objective of promoting New and Renewable sources of Energy. growing concern on the depletion of fossil fuel reserves and detrimental effects of conventional energy sources on environment makes it imperative to ,maximize the use of renewable energy sources which are economically viable and environmentally friendly. The center aims at development and popularization of these technologies.
- CPTIP generated revenue of 30 lakh in a five years from its inception, it undertakes consultancy works of industries like DRDO, DMRL, ECIL, Mahindra Satyam, Transcend India, Bio Genex, CARE, sensacore medical

instrumentation and Digital dynamics. In recent times it is found that the Hospitals are utilizing the needs of center more as time taken to produce the component is minimal. CET is instrumental in conducting research activities for Govt. Organizations like MNES ,CPTRI apart from producing 3 PhDs (1 complete and 2 on going).

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Quality of Students(Top 3% of EAMCET students normally get admission into the Department)
- Quality of Staff(more than 50% of the Staff are with PhD)
- State of the Art infrastructure facilities are available in the Department
- Research activities and no. of PhDs produced by the Department
- Interaction with Defense Laboratories and Industries

Weaknesses:

- The intake of new faculty is not continuous as it depends upon the Government
- Dependence on Government for Availability of funds
- Welfare measures to the faculty/staff are poor

Opportunities:

- Interdepartmental Research
- Academic interaction with other institutes
- To improve interaction with National Laboratories
- To industry institute relations with industries
- To start certified courses

Challenges:

- Competition from Private Sector i.e. Deemed Universities
- Attrition of Faculty
- Decrease in the Quality of Students
- Generation of Resources

52. Future plans of the department.

- To strengthen the department in areas like Materials, Manufacturing, Computational Fluid Dynamics, Rapid Prototyping, Composite Materials, Fracture Mechanics, Alternate Energy Resources

- To start Online- E- learning courses
- To start a certified courses in Mechanical Engineering
- To make the industry internship compulsory in the curriculum

***

Department of Law

1. Name of the Department : Law
2. Year of establishment : 1918
3. Is the Department part of a School/ Faculty of the University : Faculty of Law
4. Names of Programmes/ Course offered:

(UG,PG, M.Phil., Ph.D., Integrated Masters Integrated Ph.D. etc.,

UG - i) LL.B. (3 YDC), ii) LL.B.(Hons).,
iii) B.A., L.L.B. (5 YDC), iv) B.Com.,LL.B., iii)BBA.,LL.B.

PG - LL.M. in (Nine Specializations)

i) Jurisprudence
ii) Labour Law
iii) Constitutional
iv) International Law
v) Corporate Law
vi) Torts & Crimes
vii) Alternative Dispute Resolutions (ADR)
viii) Intellectual Property Rights (IPR)
ix) International Trade and Economic Laws (ITEL)

Ph.D. in Law.

P.G.Diplomas

i) P.G. Diploma in Cyber Laws (PGDCL)
ii) P.G. Diploma in Taxation & Insurance Laws (PGDTIL)
iii) P.G. Diploma in Intellectual Property Rights (PGDIPL)

5. Interdisciplinary courses and departments involved:

i) B.A., LL.B.(5 Year Integrated Course). ii) B.Com.,LL.B. .(5 Year Integrated Course)

iii) BBA., LL.B. .(5 Year Integrated Course)

Departments Involved: i) Economics, ii) Political Science, iii) Sociology iv) History
v) English vi) Commerce ., vii) Management

Diploma courses: Department of Commerce & Computer Science

6. Courses in collaboration with other universities, industries, foreign institutions, etc. - Nil-

7. Details of programmes / courses discontinued, if any, with reasons. -Nil-
8. Annual / Semester system / choice Based

Semester System

9. Participation of the department in the courses offered by other departments.

i) M.Sc. (Forensic Science)
ii) MBA (Tech. Management)
iii) B.E.

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor	2	7 (under CAS)
Associate Professor	5	5
Asst. Professor	3	3

11. Faculty profile with name, qualification, designation and Specialization (D.Sc./D.Litt./Ph.D./M.Phil., etc): **Annexure -I**

Name	Designation	Qualification	Specialization	No, of years of Experience	No. of Ph.D. students guided for the last 5 years
Prof.Y.F. Jaya kumar	Professor	M.A, M.L ., Ph.D	Constitutional Law	30	08
Prof. G.B Reddy	Professor	B.A., LL.M., Ph.D. PDGHR,	Constitutional Law, Intellectual Property Rights	22	08
Prof. Y. Pratap Reddy	Professor & Head	B.Sc., M.A.,LL.M., Ph.D.	Jurisprudence ,Consumer Protection Law & Sociology	30	08
Prof. S.B.Dwarakanath	Professor	B.A., LL.M., Ph.D.,	International Law	27	08
Prof. Y. Vishnupriya	Professor & dean	M.A, M.L Ph.D.	Labour Law	25	08
Prof. K. Panth Naik	Professor& Principal	B.A., LL.M., Ph.D	Constitutional Law	22	08
Dr. B. Vijayalaksmi	Asst. Professor	B.A. LL.M. PH.D.	Law of Crimes,Law of Torts & Cr.PC.	13	--
Dr.N. Venkateshwaralu	Asst. Professor	B.A.LL.M., Ph.D.	Mercantile Law	20	06
Mr. N. Rama Prasad	Asst.Professor	B.A., LL.M., (Ph.D.)	International Law	10	--
Dr.D.Radhika Yadav	Asst.Professor	B.A., LL.M., Ph.D.	Law of Crimes, Law of Torts	4	--

12. List of senior visiting fellows, **adjunct faculty**, emeritus professors.

Visiting Fellows:

1) Prof. V.Nageswara Rao Eminent Professor in International Law
2) Justice L. Narasimha Reddy, Judge, High Court of A.P.
3) Justice G. chandraiah, Judge, High Court of A.P.
4) Justice B. Chandra Kumar, Judge, High Court of A.P.
5) Mrs. Mary Ravidranath, former Chairperson, A.P. Womens' Commission.
6) Mr. Radha Krishnaiah, Family Court Judge, Hyderabad.
7) Mrs. T.Rajani, Mahila Court Judge, Nampally, Civil Court
8) Justice Saleem Maroof, President's Council, Judge of S.c. of Sri Lanka.
9) Dr.Ravi Jyee, Chief Technical Advisor, World Institution Building Programme.
10) Judge Deborah Hedlund of Hennepin Coubntry District Court, Minnesota.
11) Mr. Donald C. Long. Attorney, Minneapolis, Minnesota,USA
12) Miss Sandra F. Gilbeert, Attorney, Minnesota etc.
13) Dr. M. Pullaiah Chary ,Former Professor,OU
14) Dr. N Venkatatehswarlu, MCRHRD, Hyderabad.

Adjunct faculty:

1) Pr. P. Sheshadri
2) Pr. K. Srinivas Rao
3) Per.M.Rama rao
4) Dr. N. Maheshwara Swamy

13. Percentage of classes taken by temporary faculty –programme-wise Information.: **25**

14. Programme-wise Student Teacher Ratio. **25: 1**

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled.

Administrative Staff

Assistant Registrar	1
Superintendent	1
Sr. Assistant	3
Care Taker	1
Typist	2
Jr. Assistant	3

Support Staff

Attendant	1
Book-keeper	2
Office Subordinate	2
Watchman	2
Kamatan(s)	5
Sanitation in charge	1

16. Research thrust areas recognized by funding agencies:
Human Rights, IPRs, Biotechnology and Law

17. Number of faculty with ongoing projects from a) National b) International funding agencies and c) Total grants received.
Give the names of the funding agencies and grants received project wise.
National

Principal Investigator	Title	Funding Agency	Grants
Dr.G.B.Reddy	The RTI Act-2005 – A Study of its implementation in select Public Authorities in the State of Andhra Pradesh	UGC,New Delhi	Rs.2,84,000
Dr. N. Venkateshwarlu	Online disputes resolution	UGC,New Delhi	Rs.2,00,000 Includind two years salary

18. Inter-institutional collaborative projects and grants received. -Nil-
a) All India collaborative b) International

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; Total grants received.
SAP

20. Research Facility/ Centre with State recognition, National Recognition International Recognition: Nil

21. Special research laboratories sponsored by/ created by industry or Corporate bodies.
Nil

22. Publications.

- Number of papers published in peer reviewed journals
  National 82
  International 5
- Monographs 8
- Chapters in Books 3
- Edited Books 11
- Book with ISBN with details of publishers

S.No.	Author	Title	ISBN Number
1	Dr. N. Maheshwara Samy	Criminology and Criminal Justice System	9789382740025
2	Dr. N. Maheshwara Samy	Condonation of Delay	9789381113028
3	Dr. N. Maheshwara Samy	Land Laws	9789381113219
4	Dr. N. Maheshwara Samy	Law Relating to Environmental Pollution & Protection (3 Vols)	9789380087078
5	Dr. N. Maheshwara Samy	Law Relating to Limitation	9789380087078

6	Dr. N. Maheshwara Samy	Law Relating to Payment of Gratuity	9789380559445
7	Dr. N. Maheshwara Samy	Law Relating to Possession and Adverse Possession	9789382705208
8	Dr. N. Maheshwara Samy	Law Relating to Transfer of Property	9789382705734
9	Dr. N. Maheshwara Samy	Lectures on Land laws	9789381849323
10	Dr. N. Maheshwara Samy	Text Book on Drafting Pleadings & Conveyancing	9789382705482
11	Dr. N. Maheshwara Samy	Text Book on Environmental Law	9789382705994
12	Dr.G.B.Reddy	Law of Consumer Protection	978-8189804183
13	Dr.G.B.Reddy	Judicial Activism in India	978-8189804466
14	Dr.G.B.Reddy	Prohibition of Ragging & Law	978-8189804220
15	Dr.G.B.Reddy	Practical Advocacy of Law	978-8189804197
16	Dr.G.B.Reddy	Women and the Law	978-8189804022
17	Dr.G.B.Reddy	Right to Information and Law	81-89804-103
18	Dr.G.B.Reddy	Intellectual Property Rights & the Law	978-8189804-030
19	Dr.G.B.Reddy	Prevention of Immoral Traffic & Law	
20	Dr.G.B.Reddy	Land laws in A.P.	978-81-89804-35-7
21	Dr.G.B.Reddy	Commentaries on the Prevention of Corruption Act 1988	978-81-89804357
22	Dr.G.B.Reddy	Copyright Law in India	
23	Dr.G.B.Reddy	University Laws in AP	
24	Dr.G.B.Reddy	The Code of Civil Procedure,1908	9788189804367
25	Dr.G.B.Reddy	Prohibition of Ragging and Law	9788189804220
26	Dr.G.B.Reddy	The Lokpal and Lokayukthas Act	9788180388286
27.	Dr. N. Venkateshwarlu	Compendium of abstracts on “legal regime of corporate social responsibilityi india,	978-93-84410-32-2.
28.	Dr. N. Venkateshwarlu	Human rights education –new challenges	978-93-84410-05-6.
29	Dr. N. Venkateshwarlu	Book of Abstracts on” Law Relating to Tribes in India – An Audit of Legal, Constitutional and Policy perspectives”	978-93-85556-96-8
30.	Dr. N. Venkateshwarlu	Edited Book on “Corporate Social Responsibility – National and International	978-93-85989-23-0

		Perspectives "	
31.	Dr. N. Venkateshwarlu	Edited Book on "Information Technology Law in India – Issues and Challenges"	978-93-86416-02-5

23. Details of patents and income generated - Not Applicable -

24. Areas of consultancy and income generated - Not Applicable -

25. Faculty selected nationally/internationally to visit other laboratories in India and abroad. -None-

26. Faculty serving in

a) National Committees :

Prof. G.B.Reddy , Member, General Council, NALSAR Law University
Prof. Y.F.Jayakumar, Member, Board of Governors, ILI, New Delhi.

b) International committees : Nil

c) Editorial Boards :

Prof. G.B.Reddy , Chief Editor, Justitia,OU Law Journal
Prof. G.B.Reddy , Member, Editorial Board, IJLS
Prof. Y.F.Jayakumar, Member,Editorial Board, Justitia
Prof. Y. Vishnupriya, Member ,Editorial Board,Justitia
Prof. Y. Vishnupriya Member , Editorial Board, Indian Socio-Legal Journal, Jaipur
Prof. Y. Pratap Reddy, Member ,Editorial Board, Justitia
Prof.K. Panth Naik, Member, Editorial Board,Justitia
Prof. S.B.Dwarakanath, Member, Editorial Board,Justitia

d)any other (Please specify) ---

27. Faculty recharging strategies:

Attending conferences, conducting seminars, invited lectures, visiting courts, collaborating with other institutions such as judicial Academy, National Police Academy, MCHRHRD, ICADR, APTRANSCO, ISIL and NGOs working for Women's Rights, Children's Rights and Consumer Protection Rights.

28. Student projects

> Percentage of students who have done in-house projects including inter departmental projects.

100% LL.M. Students , 5% UG Students

> Percentage of students doing projects in collaboration with other Universities/Industry/Institute

10% LL.M. Students

29. Awards/recognitions received at the national and internationallevel by

. Faculty
. Doctoral / post doctoral fellows.
. Students

30. Seminars/Conference/Workshops organized and the source of funding (national/ International) with details of outstanding participants, if any. **Annexure II**

		Papers Presented	O.U.	Other Institutions	Funding
Training Programme on Human Rights	March 27-28 2011	50	200	100	NHRC
Training Programme for Teachers in International Humanitarian Law	August 19-21, 2011	50	250	150	ICRC
Workshop on Project Reports	Oct, 19-20 2011	--	30	5	MoEF, Gol
National Seminar on 62 years of Indian Constitution : Directive Principles of State Policy – Practices and Precepts	February 9-10, 2013	115	300	190	UGC ICSSR
National Seminar on Whither Equality before Law cases	April 4, 2013	20	100	100	
National Seminar on Need of Smaller States in India-Constitutional and Social Justice Perspectives	April 13-14, 2013	102	250	100	
National Seminar on Human Rights Education : New Challenges	March 8-9,2014	125	320	180	A.P.State Aids Control Society
National Seminar on Need of	May 10-11, 2014	112	300	150	UGC

Reservations in Higher Judiciary of India					

31. Code of ethics for research followed by the departments

As per the norms of the University, the original research work shall be carried out at the Department. Further, the University has signed MoU with INFLIBNET for rationalization of research work and for prevention of plagiarism.

32. Students profile course-wise:

Name of the Course (Refer to question No. 4)	Application Received	Selected		Pass Percentage	
	PGLCET & LAWCET	Male	Female	Male	Female
LL.M. (Regular)		35	16	85	95
LL.M. (Self –Finance)		26	42	85	90
LL.B. (3 YDC)		44	18	85	90
B.A. LL.B. (5 YDC)		46	19	85	90
P.G.Diploma in Cyber Laws (PGDCL)	90	34	20	90	90
P.G.Diploma in Taxation & Insurance Law	90	35	25	90	90
P.G. Diploma in Intellectual Property Rights	90	38	22	90	90

E) Seminars/Conferences/Workshops etc. organized

Name of the Seminar	Date	No. of papers presented	No. of Participants		Source of funding
			OU	Other Institutions	
Workshop on Project Reports	19th &20th Oct,2011	One	O.U.		Ministry of Environment and Forests, GIO,New Delhi

33. Diversity of students.

Name of the Course (refer to question No.4.	% of students from the same University	% of students From other Universities within the State	% of Students From Universities outside the State	% of students From other countries
B.A.LL.B.	85	15	5 (Extra)	10 (extra)
Ph.D	90	10	---	10 (extra)

34. How many students have cleared Civil Service and Defense Services Examination NET, SET, GATE and other competitive examinations? Give details category wise. 25

35. Student progression:

UG to PG	60%
PG to Ph.D.	15%
Ph.D. to Post-Doctoral	2%

PLACEMENT :

Student Progression :	No. of Students Selected
RVR Associates	03
H & B Associates 2008-09	03
Uttara Fields International Limited	04
Junior Civil Judges	15
UGC Major Research, Project Fellow	01
Asst. Public Prosecutors	10
Post Doctoral Fellows	02

1) Nearly 85 students graduated from the college recently, were attached to senior Advocates Offices
2) Above 20 students got placements in the L.P.O campanies including M/s Quislex , M/s Tipton IPR (International Pvt. Ltd).,
3) 10 students got placement in ICFAI in various capacities.
4) More than 12 students got selected as APPS
5) About 15 students got selected as Junior Civil Judges.
6) About 35 students got selected as Group-II officers in State Government service.

36. Diversity of Staff

Percentage of Faculty who are graduates	
Of the same University	70%
From University from with in the States	30%
From Universities from other States	Nil
From Universities outside the Country	Nil

37. Number of faculty who were awarded Ph.D. D.Sc. and D.Litt. during the assessment period: **02**

38. Present details of infrastructural facilities with regard to

a) Library : Yes
b) Internet facilities for staff and students : Yes
c) Total number of class rooms : 12
d) Class rooms with ICT facility : Two
e) Students' laboratories : One
f) Research laboratories : One

39. List of Doctoral, Post-doctoral students and Research Associates
    a) from the host University --
    b) from other Universities --

40. Number of post graduate students getting financial Assistance from the University :: **75%**

41. Was any need assessment exercise undertaken before the development of new programme(s)?if so, highlight the methodology: **Not Applicable**

42. Does the department obtain feedback from Yes

a) Faculty on curriculum as well as teaching-learning-evaluation ? If yes, how does the department utilize the feedback?

Yes taken acted upon regularly

b) Students on staff, curriculum and teaching –learning-evaluation and how does the department utilize the feedback?
Yes- acted upon regularly

c) Alumni and employers on the programmes offered and how does the department utilize the feedback? –
Suggestions of the Alumni and employers always considered seriously and followed scrupulously regarding academic standards and infrastructure

43. List the distinguished alumni of the departmental (maximum 10)

1) Justice P. Jagan Mohan Reddy
2) Justice B.P. Jeevan Reddy
3) Sri.Shivaraj Patel
4) Sri. S.B.Chavan
5) Sri.Dharam Singh
6) Smt.V.S.Rama Devi
7) Justice B. Sudershan Reddy
8) Sri. N. Kiran Kumar Reddy
9) Justice G.Chandraiah
10) Mr. Vasudeva Pillai
11) N. Ramchander Rao

44. Give details of student enrichment programmes (Special lectures/Workshops/Seminars) involving external experts:

The Department organizes regular guest lectures by eminent persons from the Bench and the Bar apart from the academia and corporate heads.

- Mr. Gyanendra Signh from Uttakhand delivered a lecture on Goal setting motivation, will power and dedication on 4.03.2014.
- Prof. Charles P Cantu, Dean & Distinguished South Texas Professor of Law, St. Mary Unmiversity, St. Antenio Terxas) (03.02.2012)

- Prof. Wiston Erevelles, Dean Faculty of Engineering & Science St Mary Universities Texas (03.02.2012)
- Ms. Preyal Shah, Associate Director Students Affairs ,St. Mary University Texas, USA visited the college at 10.00 a.m. and interacted with the faculty & students about higher education in St. Mary University; St Antonio Texas USA (03.02.2012)
- On 25th March 2012 first moot court was conducted for the 5th year X semester students. Mr. M.Surender Rao, Senior Advocate, practicing in A.P. High court acted as a judge for the moot court.
- In the month of March,2012 guest lectures were conducted on bailment and pledge in corporate law for the LL.M. students by Dr. Baskara Mohan, Senior Advocate, High Court , having 30 years standing and also standing counsel for number of companies
- A talk on Human Rights was organized by University College of Law, Osmania University on 12th March, 2011.
- International committee of Red cross (ICRC) New Delhi organized a three day teacher training programme on " International Humanitarian Law". The programme is scheduled to be organized at Osmania University, Hyderabad from 19th to 21st August 2011.
- Legal literacy camp was conducted by the university college for the X semester students at Pinjerla village, Mahabbobnagar, District, August 2011.
- Inauguration of legal aid clinic in University College of Law, under the auspicious of the Metropolitan Legal Services Authority, , Nampally, Hyderabad Ch. Raja Gopala Rao, 1st Addl C.M.M. Criminal court, Namapally ,and Smt. S.N. Sridevi, IV Addl CMM Court, Nampally Hyderabad, Inaugurated the clinic on 15.09.2012 at 10.30 a.m. and Sri. Mohd. Faseehuddin, Advocate and Smt. K. Sampoornadevi, Advocate are appointed for the said purpose.
- Dr. Y.F. Jayakumar, Dr.G.B. Reddy and Dr. Swarakanath acted as Judges for the Philip Jessup International Moot Court Competition (South Rounds) Chennai, District, December 2011.
- N.S.V. Ravi Teja and G. Uday Kiran students of LL.B. 5 YDC II year attended a camp in Maharashtra from 7th December 2011-2018.12.2011.
- B.Anusha LL.b. 5 YDC III year students is selected for National Integration Camp conducted at Udaipur from in camp No. APSW/11/1018516.
- D.Shashikiran Farheen Begum and M. Shambavi of LL.b. 3 YDC – I year Students attended VIII K.K. Luthra Memorial Moot Court 2012 held at Campus Law Centre University of Delhi which was held from 20th to 22nd January, 2012.
- D.Shashikiran Farheen Begum and M. Shambavi of LL.b. 3 YDC – I year Students
  Participated in the advocacy workshop organized by George Washington University Law School and Campus Law Centre Faculty of Law, Delhi University on 20th of Jan,2012 New Delhi, India
- D.Shashikiran & Farheen Begum , Ist year students attended Moot Court at Dharwad.
- K. Yetheendra Student of LL.B. 5 YDC V Sem. participated in the Inter College Tournament (O.U. Inter College Athletics Championship 2010-2011) and has been awarded merit certificate in 110 meters hurdles and stood third.

45. List the teaching methods adopted by the faculty for different programmes:

1) Class room Teaching.
2) Use of Audio Visuals.
3) Clinical Courses.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

By conducting regular staff meetings and review apart from frequent interaction with the feedback .from the stakeholders. Further, the performance of the students through continuous evaluation ensures the monitoring of the learning outcomes.

47. Highlight the participation of students and faculty in extension activities.

1) Moot Courts,
2) Legal aid Programmes.
3) Visits to Supreme Court , New Delhi as Educational Tour.
4) Educational Tour (Industry/Field/Institutions.)
5) Visit to Jails

Name of the Teacher	Subject/Theme	Name of the Exhibition/Programme
Dr. R. Ratnakar Rao	Spreading of legal Awareness to Rural People	Legal Literacy Camp at Thatti Annaram of Ranga Reddy District.
Dr. N.Venkateshwarlu	Spreading of legal Awareness to Rural People	Legal Literacy Camp at Thatti Annaram of Ranga Reddy District.
Dr. R. Ratnakar Rao	Cherlapally Village of Ranga Reddy District	Central Prison Cherlapally, Ranga Reddy District.

Participation by faculty in TV/AIR programmes on topic of public interest

Name of the Teacher	Subject/Theme	TV/AIR any other
Dr.G.B.Reddy	Interview on Legal Education in A.P.	HM T.V (Telugu) TV- 5 (Telugu)
Prof. S.B.Dwarakanath	Interview	E-TV, HM – TV
Dr. N.Venkateshwarlu	Speedy disposal of the cases	ETV-2

Popular lectures by Faculty

a) Prof. G.B.Reddy

S.No.	Subject/Theme	Institutions where the lecture is delivered
1	March of Law and Empowerment of Women in the all India Women Lawyers Conference	In the All India Women Lawyers Conference Hyderabad (09.01.2011)
2.	Source system and Standard of Human	State Institute Correctional,

	Rights in Prison Management	Administration, Hyderabad 21st , 25th and 28th Marhc 2011
3	Human Rights and IPRs and Human Rights of Prisoners	UGC Refresher course on Human Rights UGC Academic College Andhra University.
4	Dr. N.Venkateshwarlu	Law relating to powers and functions of the cyber appellate tribunal cyber Crime against women and safety measures, on 10-03-2014
5.	Dr. N.Venkateshwarlu	Woman and law at RCUES,OU

Presentation at Conferences :

Prof. Y.F. Jayakumar Acted as Chairperson and Resource person in one of the technical session 27-28 March 2011, Criminal Justice System

Prof. Y.F.Jayakumar, All India Women Lowers Association, Indian Institute of Legal Studies, Darjeeling.

Prof. Y. Vishnupriya, Right of Prisoners and Judicial contribution, 27 & 28 March, Nagarjuna University, Guntur.

Prof. Y. Vishnupriya Administration of Criminal Justice, Syustem operational problems Practice, UCL, OU

Prof. Y. Vishnupriya, Human Rights and Child Labour in India, One day Training Programme, 11th April, 2011.

Dr.S.B. Dwarakanath, Judge for two International Moot Court competitions state on and Jessup, conducted Three Day Training Programme, IHL

Prof. G.B.Reddy, More Meaningful Legal Education in 21st Century- Stepping out of the lvory Tower, International Conference, Jan 29-30, 2011, Commonwealth Legal Education Association (CLEA), National Law School of India University, Bangalore.

Prof. G.B.Reddy,Child Rights - A Human Rights Perspective, National Seminar, 30th Jan, 2011 Organized by Dr. Ambedkar College of Law, Andhra University Visakhapatnam

Prof. G.B.Reddy, Intellectual Property Rights and Biodiversity in sustainable Asia, ASLI Conference at Fukoka, Japan, May 2011

Dr.N. Venkateshwarlu

1	Two Day National seminar on 62 years of Indian Constitution :Directive Principles of State Policy –Precepts and Practices Organised by University College of Law, Osmania University, Hyderabad.on 9th&10th February,2013 at Kesava Memorial Degree and P.G College, Narayanaguda, Hyderabad.	Paper Presented on "DIRECTIVE PRINCIPLES OF STATE POLICY-A CRITICAL REVIEW IN THE CONTEXT OF COMPETITION LAWS IN INDIA".

2	Participated as a Delegate in the Regional Seminar on Investor Education .Technical Session "Primary Market – Basic Concepts ,Recent Regulatory Changes "on 26-02-2013Taj Krishna Hotel ,Banjara Hills ,Hyderabad.	Conducted by Securities Exchange Board of India(SEBI) and In association with Bombay Stock Exchange(BSE)
3	Participated as a Organizer in the Seminar on "Offences against Women & Children" and "Terrorism-Challenges Ahead" on 9th March,2013 at Hotel Katriya,Somajiguda,Hyderabad.	Conducted by the BAR COUNCIL OF INDIA (BCI) and THE COUNCIL OF ANDHRAPRADESH.
4	Two Day National seminar on Need of Smaller States in India Constitutional and Social Justice Perspectives Organised by P G College of Law, Osmania University,Hyderabad.on 13th&14thApril 2013 at Seminar Hall P.G College of Law Hyderabad.	Paper Presented on A Critical Study of Law Relating to Relevancy of Article 3 Under Constitution of India –A Study
5	Annual seminar on " VISIONARY LEADERSHIP" at COLLEGE OF DEFENCE MANAGEMENT (CDM), Sainikpuri,Secunderabad. On 22-23,Nov.2013	Participated as a guest
6	Two Day National Seminar on "HUMAN RIGHTS EDUCATION – NEW CHALLENGES" on 8-9 March,2014,at University College of Law ,Osmania University,Hyderabad	Presented a paper on "HUMAN RIGHTS EDUCATION AND PRISONERS"
7	UGC- Sponsored Two –Day National Seminar "Need of Reservation In Higher Judiciary of India" on 10th -11th march,2014.	Presented a Paper on "Law Relating to Reservations in the Higher Judiciary- A Study
8	One day Seminar on "COMBATING CORRUPTION – TECHNOLOGY AS AN ENABLER" on 29, October-2014 at University College of Engineering(Automomous)	Participated as Organiser
9	Two Day National Seminar on "LEGAL REGIME OF CORPORATE SOCIAL RESPONSIBILITYI INDIA" on 14-15March,2015,at University College of Law ,Osmania University,Hyderabad	Law Relating to Corporate Social Responsibility and ADR Methods in India with special reference to Insurance Sector

10	One Day Seminar on "PREVENTIVE VIGILANCE AS A TOOL FOR GOOD GOVERNANCE " on 28 October ,2015,at University College of Commerce and Business Management ,Osmania University, Hyderabad	LEGAL ISSUES RELATING TO PREVENTIVE VIGILANCE FOR GOOD GOVERNANCE
11	Two Day National Seminar on "CRIMINAL JUSTICE SYSTEM IN INDIA –RECENT TRENDS" on 08-09March,2016,at University College of Law ,Osmania University, Hyderabad	General Principles of Trial Procedure under the criminal justice system in India – A study
12	Two Day National Seminar on "INFORMATION TECHNOLOGY AND LAW- ISSUES, CONCERNS AND CHALLENGES " on 23-24April ,2016,at University College of Law ,Osmania University, Hyderabad	Paper Presented on " ONLINE DISPUTE RESOLUTION IN INDIA – ACCESS TO JUSTICE "
13	One Day Seminar on Public Participation in Promoting Integrity and Eradicating Corruption on 03rd ,November,2016. Organized by UCE,(A),Osmania University, Hyderabad.	Participated as a speaker on Legal Issues relating to Corruption in india

48. Give details of "beyond syllabus scholarly activities" of the department:

Legal awareness programmes, Guest Lectures and Family Counselling

49. State whether the programme/department is accredited/ graded by other agencies? If yes, give details.

Yes - The University is graded with the Highest rating by NAAC.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

1) Introduction of new courses.
2) Introduction of new subjects.
3) Consultancy in Law.
4) Family counseling.

52. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

1) Strengths

- Offering Quality Legal Education.
- Offering affordable Legal Education.
- Offering Education in Law to rural students.
- Excellent Infrastructure
- Excellent Faculty

2) Weakness

- Influence of Vernacular Medium.
- Rising demand for Hostel facility.
- Inadequate Number of Class rooms.
- Lack of Interaction with students.
- Inadequacy of Fee structure.

3) Opportunities

- Opportunity to teach/ train potential Judges.
- Opportunity to teach/ train potential in service – Government Servants
- Opportunity to teach/ train potential prosecutors.
- Opportunity to promote proficiency in English.
- Opportunity to become the premium legal teaching and
- Research institute in India.

4) <u>Challenges</u>

- Language Barrier
- Attendance
- Frequent disturbances to academic schedule.
- Meeting the requirements of foreign students.
- To compete with national and corporate law schools.

52. Future plans of the department.

1) Introduction of 1 year LL.M.
2) Introduction of new branches of LL.M.
3) Construction of P.G. and Library block.

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Department of Business Management

1. Name of the Department : Business Management
2. Year of Establishment : 1962
3. Is the Department part of a school/ Faculty of the University?

   Yes, Faculty of Management
4. Names of programmes/courses offered:

Name of the Programme	Duration	Regular
MBA (Regular) Day	2years	Regular
MBA (Technology Management) Day	2years	Regular
MBA (Foreign Students) Day	2years	Regular
MBA (Evening)	3years	Regular
MBA Technology Management (Evening)	2years	Regular

M. Phil &Ph.D. Programmes:

S.No.	Name of the Programme	Duration
1.	M.Phil. (in Centre for Defence Mgmt.)	2 Years
2.	Ph.D. (Full Time)	4 Years
3.	Ph.D. (Part Time)	5 Years

5. Interdisciplinary courses and departments involved:
6. Courses in collaboration with other universities, industries, foreign institutions etc.

   a) Collaboration with –Sardar Vallabhai police Academy for-Masters in Police Management

   b) Collaboration with-Centre for Defense Management – of M.Phil and Ph. D prpgrams

   c) Collaboration with-Apollo and Owaisi Hospital for – Hospital Management program

   d) MoU with DSIR for-MBA Technology Management (Self Financing Program)
7. Details programmes /courses discontinued, if any, with reasons: Nil
8. Annual/ semester / choice based credit system:

   Semester with CBCS
9. Participation of the department in the courses offered by other departments:Nil

10. No. of teaching posts sanctioned and filled

Designation	Sanctioned	Existing
Professor	10	10
Associate professor	8	01
Assistant Professor	12	6

11. Faculty profile with name, qualification, designation and specialization

Sl No	Name of the Faculty	Qualifi-cation	Desig-nation	Areas of Specialization	No. of years of experience	No. PhD students guided for the last 5 years
1	Prof.V.Sekhar	M.Com, MBA., Ph.D	Professor	Marketing	32	10
2	Prof.A.Vidyadhar Reddy	MBA. Ph.D. FDP,(IIMA)	Professor	Strategic Mgmt &Mkg	32	10
3	Prof.A. Suryanarayana	M.Com M.A., M.Phil, Ph.D., FDP, (IIMA)	Professor	HRM	36	--
4	Prof.B.Krishna Reddy	M.Sc., M.Phil, Ph.D	Professor	OR, Statistics &SCM	33	10
5	Prof.Selvarani Shanker	MBA, M.Phil,Ph.D	Professor	HRM and Marketing	33	8
6	Prof.R.Nageswar Rao	MBA., Ph.D., DCO.	Professor	Finance and IT	26	5
7	Prof. K.Kalidas	M.A., MBA., M.Phil, Ph.D	Professor	Marketing	31	8
8	Prof.K. Malikarjun Reddy	MBA., Ph.D	Professor	Marketing	25	5
9	Prof. S. Pardhasaradhi	MBA,Ph.D	Professor	Finance &General Mgmt.	25	8
10	Prof.K.G. Chandrika	M.Sc., M.Tech., MBA., Ph.D	Professor	IT Applications	27	8
11	Prof.G.Shailaja	M.Com., MBA, Ph.D	Professor	Finance	28	10
12	Prof. P.Venkataiah	M.Sc, MBA, Ph.D	Professor	HIRM	25	8

13	Sri.R. Hanumanth Rao	M.Com, MBA	Associate Professor	Finance	34	—
14	Prof. R. Venkateshwar Rao	MBA,Ph.D	Professor	Finance	29	—
15	Prof. B.Murlidhar	MBA,Ph.D	Professor	Statistics &QT	20	3
16	Prof.D. Sreeramulu	MBA, LLB, M.Phil	Professor	Marketing	22	8
17	Dr.V. Sudha	MBA,Ph.D	Assistant Professor	Finance	19	4
18	Dr. Smitha Sambrani	MBA Ph.D,	Assistant Professor	Marketing	20	3
19	Dr. R. Sampath Kumar	MBA, PGDCA., Ph.D	Assistant Professor	Marketing	22	2
20	Dr. Y. Jahangir	MBA, Ph.D	Assistant Professor	Marketing	20	2
21	Dr. G. Vidyasagar Rao	MBA, PhD	Assistant Professor	HRM	22	—
22	Dr. V. Samunnatha	MBA, LLB, PhD	Assistant Professor	HRM and Business Laws	9	—

12. List of senior visiting fellows, faculty, adjunct faculty, emeritus professors: Nil

13. Percentage of classes taken by temporary faculty-programme-wise information.

    10%

14. Programme-wise student teacher ratio:

MBA (Regular)	20:3
MBA TM (Day)	20:3
MBA (Foreign Students)	20:3
MBA (Evening)	8:3
MBA TM (Evening)	8:3

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

Asst. Registrar	-	1
Superintendent	-	1
Senior Assistants	-	2
Office Assistants	-	4

16. Research thrust areas recognized by funding agencies: Nil

17. Number of faculty with ongoing projects from : Nil

18. Inter-institutional collaborative projects and grants received.

    a) All India collaboration -Nil

    b) International -Nil

19. Departmental projects funded by DST-FIST, UGC-SAP/CAS, DPE, DBT, ICSSR etc. total grants received. Nil

20. Research facility/Centre with

- State recognition -Nil
- National recognition -Nil
- International recognition -Nil

21. Special research laboratories sponsored by/ created by industry or corporate bodies

    Nil

22. Publications:

Number of papers published in peer reviewed journals(national/international)	National:**98** International:**24**
Monographs	Nil
Chapters in books	34
Edited books	15
Books with ISBN with details of publishers	04
Number listed in international data base (For e.g. web of science, scopus, Humanities International Complete, Dare Database-International Social Science Directory, EBSCO host, etc.)	
Citation index range/average	Nil
SNIP	Nil
SJR	Nil
Impact factor – range/ Average	1.175
H-index	Nil

23. Details of patents and income generated.Nil

24. Areas of consultancy and income generated: Nil

25. Faculty selected nationally/internationally to visit other laboratories in India and Abroad Nil

26. Faculty serving in

a) National committees : 5

b) International committees : 2

c) Editorial boards : 4

27. Faculty recharging strategies: Nil

28. Student Projects:

- Percentage of students who have done in-house projects including inter-departmental projects: Nil
- Percentage of students doing projects in collaboration with other universities/industry/institute:

  100% (Note: As per the syllabus, it is mandatory for a MBA Student to do a project work)

29. Awards/recognition received at the national and international level by

- Faculty:

  Prof.V.Shekhar, was given the best teacher award by Govt. of Andhra Pradesh in the year 2011

  Prof.B.Krishna Reddy, received Best paper presentation Award in the year 2007 and also in the year 2011 in USA

  Prof. Selvarani Shankar received Best Teacher Award 2012

- Doctoral: One

30. Seminars/Conferences/workshops organized and the source of funding (national/international) with details of outstanding participation if any

National:4 four-from ICSSR,UGC,POWERGRID NSIC etc.,

International; Nil

31. Code of Ethics for research followed by the Departments:

Present in lieu of University norms.

32. Student profile course-wise.

Name of the course	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MBA(Regular)Day	Through ICET State Level Test	42	38	99	100
MBA (Technology Management) Day	Through ICET State Level Test	24	16	99	99
MBA (Foreign Students) Day	From: Director, Foreign Affairs	45	35	98	97
MBA (Evening)	Through ICET State Level Test	36	4	96	100
MBA Technology Management (Evening)	University Entrance Test	38	2	96	100

33. Diversity of students:

Name of the course	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
MBA (Regular) Day	65	30	5	--
MBA (Technology Management) Day	65	30	5	--
MBA (Foreign Students) Day	--	--	--	100
MBA (Evening)	70	25	5	--
MBA Technology Management (Evening0	7	25	5	--

34. How many students have cleared Civil services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Student progression	Percentage against enrolled
Civil Services / Defence Services	Nil
NET	10
SET	15
GATE	02

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil	NA
PG to Ph.D	NA
Ph.D to Post-Doctoral	NA
Employed • Campus selection • Other than campus recruitment	 40 20
Entrepreneurs	02

36. Diversity of Staff

Percentage of faculty who are graduates	
of the same university	90
from other universities within the state	10
from universities of other states	-
from universities outside the country	-

37. Number of faculty who were awarded Ph.D during the assessment period:Nil

38. Present details of infrastructural facilities with regard to

a) Department Library:

We subscribe to the Latest National and International Journals and

We have sufficient amount of book for our MBA students of various streams, which are upgraded time to time based on the revision of the syllabus

b) Internet facility for staff and students:

We have state-of-Art Internet facility sufficient for Teachers and students

c) Total number of class rooms : 12 (Twelve)

d) Class room with ICT facility : All class rooms have ICT Facility

e) Student laboratories: Not Applicable

f) Research laboratories: Not Applicable

39. List of doctoral students and research associates

a) From host university : 70 Percent

b) From other universities : 30Percent

40. No. of post graduate students getting financial assistance from the university: Nil

41. Was any need assessment exercise undertaken before the development of new programmes?

New courses / programmes are designed by taking opinions from industry experts.

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, Through a Questionnaire

b) Evaluation of Students? How does the department evaluate: Through Internal Assessment Examination

c) Staff, curriculum and teaching-learning –evaluation and how does the department utilize the feedback?

Yes, staff are advised based on feedback.

d) Alumni and employers on the programmes offered and how does the department utilize the feedback.

43. List the distinguished alumni of the department: (maximum10)

--

44. Give details students enrichment programmes (special lectures/workshops/ seminars, involving external experts)

On Regular basis Guest Lectures are arranged for the students, on latest management related topics.

45. List the teaching methods adopted by the faculty for different programmes.

Case studies, Role Model, seminars, Quiz Group Discussion, Assignments etc.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

By Up gradation of syllabus every three years, taking into consideration the demand of the industry

47. Highlight the participation of students and faculty in extension activities.

(1) Quiz (2) Group Discussion on Latest Management Topics (3) Participation in the Guest lectures

48. Give details of "beyond syllabus scholarly activities" of the Department.

1. Group discussions on Latest Management Topics
2. Guest Lecture
3. Mock Interviews, Quiz etc.,

49. State whether the programme/ Department is accredited/ graded by other agencies.

YES – Outlook and Business India Magazines Rated Department on All India 7th Rank.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The Department is focusing on research, we have many JRF's and Executives with creativity that are keen on pursuing research.

51. Detail any five strengths weaknesses opportunities and challenges (SWOC) of the department:

Strengths:

1. Almost all the faculty have completed their Ph.D
2. All the faculty members have more than 10 year experience
3. Even our Assistant Professors have more than 10 yearsexperience in Teaching
4. We have Ph.D Programme
5. We have MoU's and Collaboration with various Organisations.
6. We have a State-of-Art Computer Lab with Internet Connection.

Weakness:

1. Being an university Department, we are bound by guidelines and norms of University and State Government.

Opportunities:

1. Starting Additional Programmes as per the Latest demand of the industry
2. Collaboration with Foreign Universities
3. Tie-up with Government and Industries for New programmes and projects.

Challenges:

1. Many autonomous Colleges
2. Colleges with AICTE approval having flexible regulations.

52. Future plans of the Department:

To be amongst the best 'B' schools in India and further the ongoing research (Ph D programme) in the terms of quality.

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Department of Applied Geochemistry

1. Name of the Department : Applied Geochemistry

2. Year of establishment : October 1991

3. Is the Department part of a School/Faculty of the University?

   Yes, Faculty of Science

4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Master; Integrated Ph.D., etc.):

   M.Sc. in Applied Geochemistry

   Ph.D. in Applied Geochemistry

5. Interdisciplinary courses and department involved :

   The Department itself is an interdisciplinary in nature with Geology, Geophysics and Geochemistry.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.:

   Nil

7. Details of programmes / courses discontinued, if any, with reasons:Nil

8. Annual / Semester / Choice Based Credit System (CBCS):

   Semester system with CBCS

9. Participation of the department in the courses offered by other departments:

Prof. V. Sudarshan	Geology
Prof. Praveen Raj Saxena	Environmental Science
Dr. B. Srinivas	Environmental Science

10. Number of teaching posts sanctioned and filled (Professors / Associate Professors/Asst. Professors)

Designation	Sanctioned	Filled
Professor	1	5
Associate Professor	--	--
Assistant Professor	6	1

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./Ph.D/M.Phil., etc.).

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for last 5 years
Prof. V. Sudarshan	M.Sc., M.Sc. (Tech), Ph.D.	Professor	Hydro-, Pedo-geochemistry & Hydrocarbon Expl.	34	Seven
Prof. B. Rajeswara Reddy	M.Sc., Ph.D.	Professor	Environmental Geochemistry	34	One
Prof. Praveen Raj Saxena	M.Sc., Ph.D.	Professor	Hydro-, Pedo-geochemistry and/ RS &GIS	30	Ten
Prof. U. VijayaBhaskara Reddy	M.Sc., Ph.D.	Professor	Igneous Geochem, Geochem. Explor, Geostatistics	31	Two
Prof. R.S.N. Sastry	M.Sc., Ph.D	Professor	Exploration Geochemistry	30	2
Dr. B. Srinivas	M.Sc., Ph.D.	Assistant Professor	Geochemical Exploration, Environmental Geochemistry	24	--

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

Dr. Harish Gupta, Assistant Professor, under Faculty Recharge Programme (FRP) of UGC joined Applied Geochemistry Department.

13. Percentage of classes taken by temporary faculty – programme – wise information:

M.Sc. - 50%

14. Programme –wise Students Teacher Ratio:

M.Sc. Applied Geochemistry : 4:1

Ph.D. : 5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled.

	Sanctioned	Filled
Academic Support Staff	5	4
Administrative	3	3

16. Research thrust areas recognized by funding agencies

a. Environmental and Hydrogeochemistry – UGC, DST- PURSE
b. Mineral Exploration – BRNS
c. Petrogeochemistry – DST-PURSE

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

a. UGC – Major Projects (2) Rs. 1857000 (Completed)
b. BRNS- Major Projects (3) Rs 7600000 (One Completed, 2 ongoing)
c. DMRTUF – Major projects (3) Rs 2299000 (3 completed)
d. DST-PURSE: Projects (4) Rs. 1810000 (4 completed)

Name of the Investigator	Title of the project and duration	Amount sanctioned	Funding Agency
Prof. V. Sudarshan	Hydrogeochemical studies in Kurnool – Narnuru area of Cuddapah Basin with special reference to Uranium and trace metal speciation modeling. Duration : 2011-2014	Rs.25.00 lakhs	DAE-BRNS
	Delineation of high Fluoride bearing groundwater zones by Hydro-geochemical investigations in Narsampet and Chennaraopet areas of Warangal district, A.P. Duration 2011-2015	Rs. 1.6 lakhs	DST-PURSE
	Delineation of high Fluoride bearing groundwater zones by Hydro-geochemical investigations in Gangadhara and adjoining areas of Karimnagar district, A.P Duration 2011 – 2014	Rs. 12.0 lakhs	UGC-MRP
Prof. B. Rajeswara Reddy	Groundwater quality appraisal in south Western part of Mahabubnagar district, A.P. – a Hydrogeochemical study with emphasis on Fluoride. Duration 2011 – 2014	Rs. 0.54 lakhs	DST-PURSE
Prof. Praveen Raj Saxena	Integrated Land and Water Development for Enhancing Livelihood & Agriculture Practices at Watershed/Village Level- A Remote Sensing-GIS, Geophysical and Geochemical Approach. Duration: 2011 – 2016	Rs.3,50,000	O.U.-DST-PURSE
Prof.R.S.N.Sastry	Integrated Geochemical Surveys in the Srisailam Formation in Chitrial and Akkavaram areas in Nalgonda and Mahaboobnagar Districts, A. P Completed in 2011	Rs. 20,06,57	DAE-(BRNS)
Dr.B.Srinivas	Geochemical and litho-structural characterization of basement and sediment rocks for delineating potential uranium mineralized zones in the Pakhal basin, A.P Duration: 2011-2014	Rs.31,00,000/-	DAE-BRNS

18. Inter-institutional collaborative projects and grants received

a) All India collaboration:

Completed one and two ongoing projects in collaboration with Atomic Minerals Directorate for Research and Exploration, the department had received Rs. 7600000 from BRNS.

Name of the Investigator	Title of the project and duration	Amount sanctioned	Funding Agency	Collabo-rator
Prof. V. Sudarshan	Hydrogeochemical studies in Kurnool – Narnuru area of Cuddapah Basin with special reference to Uranium and trace metal speciation modeling. Duration : 2011-2014	Rs.25.00 Lakhs	DAE-BRNS	AMD
Dr. B. Srinivas	Geochemical and litho-structural characterization of basement and sediment rocks for delineating potential uranium mineralized zones in the Pakhal basin, A.P Duration: 2011-2014	Rs.31.00 Lakhs	DAE-BRNS	AMD

b) International : Nil

19. Department projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, etc.; total grants received:

DST-FIST : Rs. 28.00 lakhs

UGC-BSR : Rs. 30.00 lakhs

20. Research facility / centre with State recognition, National recognition, International recognition : Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies:

Under the Indo-Dutch Collaboration programme in Applied Geochemistry, a modern Geochemical laboratory was established.

22. Publications: for the last five years

*	Number of papers published in peer reviewed journals (national / international)	:	National 37 International 28
*	Monographs	:	--
*	Chapters in Books	:	3
*	Edited Books	:	2
*	Books with ISBN with details of publishers		1
*	Number listed in International Database (For *e.g.* Web of Science, Scopus, etc.)	:	Nil
*	Citation Index – range / average	:	198

*	Impact Factor – range / average	:	0.1-3.66
*	h-index	:	9

23. Details of patents and income generated : --
Areas of consultancy and income generated: Hydro-andpedogeo chemical analysis

24. Faculty selected nationally / international to visit other laboratories in india and aboard

The Faculty regularly visits the laboratories of AMD and NGRI, NMDC and GSI.

25. Faculty serving in a) National committees b) International committees c) Editorial d) any other (please specify)

Prof. B. Rajeswara Reddy
National

- Associate Editor, Journal Environmental Geochemistry
- Treasurer, Association of Environmental Geochemists
- Member, Board of Examiner, JNTU, Hyderabad
- Life Member, Indian Association of Chemists
- Life Member, Indian Association of Geochemists
- Member Secretary, A.P. SET
- Member, Executive Council, A.P. Pollution control Board, Hyderabad
- Life Member, Indian Science Congress

Prof. Praveen Raj Saxena
National

- Associate Editor, Journal Environmental Geochemistry
- Vice-President, Association of Environmental Geochemists
- Secretary, CRUSADE, Hyderabad
- Life Member, Indian Science Congress
- Life Member, Wadia Institute of Himalayan Geology
- Founder Life Member, Association of Environmental Geochemists

International

- Solution Exchange-an initiative of UN Country team in India, UN Member

Prof. R. SuryanarayanaSastry
National

- Life Fellow, Indian Society of Applied Geochemists
- Board of Director,BabuRamdayal School, Hyderabad
- Chairman, Nov, 2009 one of the sessions in International symposium
- Member, BOE, Bangalore University, Karnataka
- Selection Committee member, JNV University, Jodhpur, Rajasthan

Prof. U. Vijaya Bhaskara Reddy
National

- Fellow, Geological Society of India

- Fellow, Indian Academy of Geoscience
- Life Member, The Gondwana Geological Society
- Life Member, Indian Geological Congress
- Life Member, Indian Science Congress
- Member, Mining Engineers Association of India, Hyderabad Chapter
- Founder Life Member, Association of Environmental Geochemists
- Associate Editor, Journal of Environmental Geochemistry
- Joint Secretary, Association of Environmental Geochemists

International

- Life Member, International Association of Geochemistry and Cosmo-chemistry
- Life Member, South Asian Association of Economic Geologists

Prof. V. Sudarshan

National

- Member, CFE Committee, A.P. Pollution Control Board
- Member, CFO Committee,A.P. Pollution Control Board
- Member, BOE, Bangalore University
- Member, Selection Committee, BARC, Mumbai
- Expert Member, Selection Committees, National Organizations and Universities
- Vice-President, CRUSADE, Hyderabad
- Chairman of the Sessions, Two National Seminars
- Secretary, Association of Environmental Geochemists
- Editor, Journal "Environmental Geochemistry"
- Editor, Journal of the Indian Academy of Geoscience
- Editorial Board Member, Journal of Chemical and Environmental Research
- Council Member, Indian Sedimentological Association

Dr. B. Srinivas

National

- Life Member, Indian Society of Applied Geochemists (Hyderabad)
- Treasurer, Indian Society of Applied Geochemists (Hyderabad)
- Member,Petrotech, ONGC
- Co-Convener,Petrotech, South India chapter, ONGC
- Life Member, Indian Geological Congress

26. Faculty serving as members of steering committees of international conferences recognized by reputed organizations / societies **NIL**

27. Faculty recharging strategies:

Extension lectures by Scientists of AMD, NGRI, GSI, APPCB etc.

28. Students projects

a. Percentage of students who have done in-house projects including inter-departmental projects : **65**

b. Percentage of students doing projects in collab. with other universities/industry/institute: **35**

29. Awards / recognitions received at the national and international level by:

- Faculty: --
- Doctoral / post doctoral fellows: --
- Students : One ONGC Scholarship

30. Seminar / Conferences / workshops organized and the sources of funding (national/ international) with details of outstanding participants, if any.

- National workshop on Recent Trends in Applied Geochemistry – 4 Keynotes, UGC, AMD, NMDC.
- Applied Geochemistry in Mineral Exploration, Nov.21st, 2012, 5- Keynotes, 100, 20, Osmania University, APCOST & NMDC
- Recent Trends in Pollution control Technologies, 20th, Nov, 2010, 5 Kynotes, 125, 25, APPollution Control Board, Hydrabad A.P.

31. Code of ethics for research followed by the departments:

The department is strictly following the rules and regulation framed by the University in awarding Ph.D. Degrees for the research scholars by presenting two Seminars in the presence of Research Scholars and faculty of the department.

32. Students profile course-wise:

Name of the course (refer to question no.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc. Applied Geochemistry	285	13	5	100	100
Ph.D. Applied Geochemistry	40	26	5	100	100

33. Diversity of students

Name of the Course (refer to question no.4)	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
M.Sc. Applied Geochemistry	25	70	5	Nil
Ph.D.	80	5	15	Nil

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Three students cleared in following examinations

APSET	3
UPSC (Geologist Exam)	1
CSIR	2

35. Students progression

Students progression	Percentage against enrolled
PG to Ph.D.	50
Ph.D. to Post-Doctoral	10
Employed	
i. Campus selection	20
ii. Other than campus recruitment	85

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	85
from other universities within the state	15
from universities from other States	Nil
from universities outside the country	Nil

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period: Nil

38. Present details of infrastructural facilities with regard to

a) Library	:	Yes
b) Internet facilities for staff and students	:	Yes
c) Total number of classrooms	:	Two
d) Class rooms with ICT facility	:	Yes
e) Student's laboratories	:	Six
f) Research laboratories	:	Three

39. List of doctoral, post-doctoral students and Research Associates

Research Scholars working for Ph.D. : 28

1.	K.Ashok	2.	Sagarla Shankar
3.	HimadriBasu	4.	K.Satheesh
5.	D. Prasad	6.	Ch. Raghupathi
7.	N.Madhusudhan	8.	VaddiNajaraju
9.	K. Rajesh	10.	Kancharakuntla Praveen
11.	A.Sudhakar	12.	Chanda Purushotham Rao
13.	Shankar	14.	SudhakarGosula
15.	Ch.Narshimha	16.	NaguNaikBanoth
17.	LaxmanDuvva	18.	Noor Asgar Hussain
19.	P.Satish	20.	BaluGuglothu
21.	Gadepalli Sanjay Kumar	22.	V. Lingamaiah
23.	NikhatAnjum	24.	K.Sridhar
25.	P.Shobha Rani	26.	S.Geeta
27.	CheedetiRoopa	28.	D.V.L.N.Sastry
29.	N. Aniths	30.	S. Ramesh
31.	G. Naga Raju		

40. Number of post graduates getting financial assistance from university.

Thirty one students out of 32 eligible students (EBC, BC, Sc& ST below the income limit prescribed by the State Govt.) are getting scholarships (for Tution Fee and Mess Charges) from the State Governement.

Top rank hoder in M.Sc. 1st Year is getting ONGC Fellowship. Tenmeritorious students are getting UGC Fellowship.

41. Was any need assessment exercise undertaken before the development of new programme (s)? if so, highlight the methodology.

No new programmes have been developed.

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes. how does the department utilize the feedback?

Yes

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes

c. alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes

All the suggestions obtained from the feedback analysis are discussed in various departmental bodies in order to improve the teaching-learning-evaluation processes.

43. List the distinguished alumni of the department (maximum 10)

a. Dr. S.Niranjan Kumar, Scientist, AMD, Hyderabad
b. Dr.D. SrinivasaSarma, Scientist, NGRI, Uppal Road, Hyderabad
c. Dr. M.Ram Mohan, Scientist, NGRI, Uppal Road, Hyderabad
d. Dr. P.V. Sundar Raj, Scientist, NGRI, Uppal Road, Hyderabad
e. Mr. Rajneesh Narayan, Geologist, GSI, Southern Region, Hyderabad
f. Mr. Sanjay Kumar, Mines and Geology, Hyderabad
g. Ms. Anita, Royalty Inspector, Mines and Geology, Hyderabad
h. Mr. Raghuram, Consultant in Photogrametry and Remote Sensing, London
I. Mr. Srinivas, Remote Sensing and Photogrametry, USA
j. Dr. Satheesh, Geologist, ONGC, Mumbai
k. Mr. Pavan, Remote Sensing Software, Roltas, Mumbai

Several Applied Geochemistry Alumni are well placed in different Scientific and Remote Sensing organisations.

44. Give details of students enrichment programmes (special lectures / workshops / seminar) involving external experts.

a. The Department has conducted two national workshops in collaboration with APPCB, NMDC, AMD, and GSI
b. The Scientists from NMDC, AMD, and GSI are invited for lectures to enrich students and Research scholars.

c. Every batch of students are subjected to intense field training which the best practice is exposing the students to observe field relationships of various lithologies.

45. List the teaching methods adopted by the faculty for different programmes.

ICT enabled practices
Laboratory and field oriented practicals

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Completion of syllabus as per almanac
- Revision of syllabus in tune with the developments taken place
- Project work
- Field exposure
- Visit to laboratories
- Seminars

The learning outcomes are monitored by evaluation of mid-term assessments, assignments, seminars and end-semester examinations followed by the performance of students achieving placements.

47. Highlight the participation of students and faculty in extension activities.

Both Students and faculty participates in the field training programme for 3 to 6 days every year besides one day field trips three-four times in a year.

48. Give details of "beyond syllabus scholarly activities" of the department.

a. Students give seminar talks on different topics to improve their knowledge and communication skills
b. One day geological Tours are organized
c. Students and Research Scholars are Preparing for Competitive Examinations in the library

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. --

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. The faculty is doing research on the following:

a. Generating new knowledge by geochemical investigations on Uranium in collaboration with BARC-AMD in the form of a Project.
b. Generation new knowledge by doing research on how to obtain wealth from the waste.

51. Details any five Strengths, Weaknesses Opportunities and Challenges (SWOC) of the department.

STRENGTHS

a. Well Experienced Faculty in Mineral Exploration, Hydrogeochemistry, Petrogeochemistry, and Remote Sensing and GIS, Exploration

Geochemistry, Environmental Geochemistry, Igneous Geochemistry, Geostatistics and Hydrocarbon Exploration.

b. All the faculty are engaged in Major Projects: UGC, BRNS, DMR-TUf, DST-PURSE, (Rs. 130 lakhs)
c. This is the only university offering M.Sc. Applied Geochemistry which is first of its kind in India
d. All the faculty visit other institutions for following: Selection of Professors, Asst. and Associate Professors, in different universities, Scientists of BARC, NGRI
e. BoS and BoE Members for restructuring and revising the PG Syllabus etc.
f. Adjudicators for several Ph.D. theses of different Universities

WEAKNESSES

a. Lack of Faculty due to superannuation
b. Conducting practical Classes for students is not effective due to lack of finances
c. Effective teaching could not reach the students as students are from rural background and communication skills are very poor
d. Lack of Finances and infrastructure for training the students for Earth Science oriented jobs such as Geologists in GSI, ONGC, AMD, NGRI,
e. There is no Modern Wet Geochemical Lab

52. Future plans of the department.

a. To develop the Academic and infrastructure and Research facilities in the department.
b. Continue to apply for the Major projects
c. Developing Ultra-Modern Geochemical Laboratory to train Students and Research Scholars
d. Improving the modern facilities for teaching in PG class rooms.
e. Training Students and Research Scholars for competitive examinations
f. Introducing Certificate Course for PG students to strengthen the academic background of students.

***

Department of Astronomy

1. Name of the Department : Astronomy
2. Year of establishment : 1959
3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of the Science
4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   M.Sc Astronomy & M.Sc Astrophysics

   Ph.D in Astronomy
5. Interdisciplinary courses and departments involved

   M.Sc Astronomy &M.Sc Astrophysics with the Department of Physics
6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   NIL
7. Details of programmes / courses discontinued, if any, with reasons NIL
8. Annual/ Semester/Choice Based Credit System

   Semester with Choice Based Credit System
9. Participation of the department in the courses offered by other departments

   Nil
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor	4	1
Associate Professors	5	--
Asst. Professors	5	4

11. Faculty profile with name, qualification, designation and specialisation (D.Sc. / D.Litt. / Ph.D./ M.Phil., etc.)

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Prof. S.N. Hasan	M.Sc, M.Phil&Ph.D	Professor	Celestial Mechanics & Galaxy Dynamics	16	2

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
D. Shanti Priya	M.Sc, Ph.D.	Assistant Professor	Observational Astronomy	09	--
Dr. K. Chenna Reddy	M.Sc., Ph.D.	Assistant Professor	Meteor Astronomy	03	--
Dr. J. Rukmini	M.Sc., Ph.D.	Assistant Professor	Observational Astronomy	03	--
Dr. K. Sriram	M.Sc., Ph.D.	Assistant Professor	X-ray study of black holes, Neutron stars, White dwarf binary systems,	03	--

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors :

NIL

13. Percentage of classes taken by temporary faculty – programme-wise information

35%

14. Programme-wise Student Teacher Ratio : M.Sc. 10:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled :

Permanent: 17 Time Scale
Contract Basis: 3 + 11 =14

16. Research thrust areas recognized by funding agencies :

1 Observational Astronomy (binary & variable stars, star clusters, radio observations of the Sun, Meteor studies)

2 Theoretical Astronomy (Celestial Mechanics, Stellar Galaxy Dynamics).

3 X-ray study of black holes, Neutron stars, White dwarf binary systems, AGNs, ULXs and Optical studies of eclipsing binary systems

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

S. No.	Name of PI	Title	Funding Agency	Amount (Rs. in Lakhs)
1	Dr. K. Chenna Reddy	Ionospheric Aspects of Meteors by using MST Radar	DST	13.51
2	Dr. K. Chenna Reddy	Meteor Observation with the Gadanki MST Radar and determination of	UGC	06.00

		important meteor and atmospheric parameters		
3.	Dr. K. Sriram	Understanding the physical and radiative structure of accretion disk in the black hole and neutron star sources	DST – SERB	17.64
4.	Dr. K. Sriram	Optical studies of contact binaries using Kepler Satellite data	UGC-BSR	06.00
5.	Dr.J.Rukmini	Ateroseismic studies of stars in binary systems from space and fround based observations	UGC-BSR	06.00

18. Inter-institutional collaborative projects and grants received :

c) All India collaboration b) International : All India collaboration

Collaborative programs with IUCAA, TIFR, ARIES, NCRA& IIA.

In the process of signing an MoU for collaborative program with National Research Institute of Astronomy & Geophysics (NRIAG), Cairo, Egypt.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

Year	Duration	Name of the funding agency	Scheme	Amount in lakhs
2009-11	2	UGC - BSR	Infrastructure	50.00
2013-16	3	DST	FIST	13.51

20. Research facility / centre with

- state recognition: -
- national recognition : Centre for Advanced Studies in Astronomy
- international recognition: -

21. Special research laboratories sponsored by / created by industry or corporate bodies:

NIL

22. Publications :

*	Number of papers published in peer reviewed journals (national / international)	:	National	11
			International	20
*	Monographs	:	Nil	
*	Chapters in Books	:	Nil	

*	Edited Books	:	Nil
*	Books with ISBN with details of publishers		Nil
*	Number listed in International Database (For *e.g*. Web of Science, Scopus, etc.)	:	Nil
*	Impact Factor – range / average	:	16.238
*	h-index	:	2 to 8

23. Details of patents and income generated : NIL

24. Areas of consultancy and income generated : NIL

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad:

National: IUCAA, TIFR, IIA, PRL, ARIES& BARC

International: Korea Astronomy and Space Science Institute (KASI), South Korea

National Research Institute of Astronomy & Geophysics (NRIAG), Cairo, Egypt

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

S.N.Hasan: Member, Astronomical Society of India (ASI)

Member Executive Council, Astronomical Society of India (2008-2011)

Member Scientific Organizing Committee, International Earth Science Olympiad (2013)

Editor, New Advance in Physics – serial publications

D. Shanti Priya: Member, Astronomical Society of India (ASI), Indian Science Congress.

J. Rukmini: Member, Astronomical Society of India (ASI), Indian Science Congress.

K. Chenna Reddy: Member, Astronomical Society of India (ASI)

27. Faculty recharging strategies :

The faculty regularly upgrades their knowledge by attending UGC sponsored Refresher Courses, Orientation Courses and by attending National & International seminars and workshops.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects : 95
- percentage of students doing projects in collaboration with other universities / industry / institute : 5

29. Awards / recognitions received at the national and international level by

- Faculty: NIL
- Doctoral / post-doctoral fellows: Dr. K. Sriram received the best Post - Doctoral award from Korea Astronomy and Space Science Institute, South Korea.
- Students: One student was awarded CSIR-JRF and one is awarded DST-INSPIRE fellowship.

30. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

1. National orientation workshop on Transit of Venus – 2012 during 7th -9th May, 2012 (VignanPrasar, Department of Science and Technology)
2. Seminar entitled: New Trends in Radio Astronomy, 12th November 2013.
3. Seminar entitled: Comet of the Century-ISON, 27th December 2013.
4. Workshop entitled: Living with the Moon, 9th October, 2015
5. Workshop entitled: Astronomy for Science Teachers, 19th August, 2016 -The Spectacular Conjuction of Jupiter and Venus

31. Code of ethics for research followed by the departments :

In all activities high standards of ethics are adopted. The students, research scholars and faculty are sensitized about the copyright rules. They are informed about the rules which need to be followed while giving reference to work of others while writing their thesis or a research article. They are sensitized towards gender problems and issues and monitored through student advisors and lady counsellors.

32. Student profile course-wise:

Name of the Course (refer to question no. 4)		Applica-tions received	Selected		Pass percentage	
			Male	Female	Male	Female
2010-11	M.Sc Astronomy & Astrophysics	42	31	11	97	100
2011-12	M.Sc Astronomy & Astrophysics	40	24	16	100	100
2012-13	M.Sc Astronomy & Astrophysics	30	21	09	100	100
2013-14	M.Sc Astronomy & Astrophysics	40	28	12	90	90

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc.	90	5	5	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. :

NET : Two GATE : Three

35. Student progression

Student progression	Percentage against enrolled
PG to Ph.D.	20
Ph.D. to Post-Doctoral	30
Employed • Campus selection • Other than campus recruitment	 10 79
Entrepreneurs	1

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	80
from other universities within the State	20
from universities from other States	NIL
from universities outside the country	NIL

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period : NIL

38. Present details of infrastructural facilities with regard to

a) Library : YES
b) Internet facilities for staff and students : YES
c) Total number of class rooms : 3
d) Class rooms with ICT facility : --
e) Students' laboratories : 3
f) Research laboratories : 1

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university : 8 (doctoral students)
b) from other universities : NIL

40. Number of post graduate students getting financial assistance from the university

90%

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

During various placement drives and competence mapping activity it was realized that a large number of students require help in English language and soft skills. Various workshops and classes have been organized with the help of Directorate of Placements, OU to help students overcome their weakness. Another area

which required attention was computer programming and computer skills. Special efforts are being made to train students to use the computer lab and the internet effectively. The lab is made available for the students beyond the class timings. The students are being trained and encouraged to make presentations at a regular basis using the multimedia facilities.

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

YES, regular faculty meetings are held and the prescribed syllabus is discussed in view of modern developments and efforts are being made to re-structure the courses, redesign the course content and update the library with new subject and reference books.

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

YES, every year students are made to respond to a questionnaire which addresses to teachers' performance, their knowledge and their teaching skills and on the relevance of the various courses and course content. This feedback is collected and carefully scrutinized and action taken on issues which need attention.

c. alumni and employers on the programmes offered and how does the department utilize the feedback?

YES, after various placement drives the feedback from the employees is taken and efforts are being taken to rectify the problems (see point 41 above). The alumni are encouraged to visit the department and suggest weaknesses and strengths of the department.

43. List the distinguished alumni of the department (maximum 10)

Prof K D Abhyankar – M.P. Birla Awardee

Prof S M Alladin - MeghnathSahaAwardee

Dr. Sangeeta M- ESO Scientist

Prof. M. Kameshwara Rao - Former Dean, IIA

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Various workshop and seminars are organized and experts from various research institutes such as TIFR, IUCAA, IIA, PRL and leading National & International Universities are invited to give talks and interact with studentsProf. Subotti, Iran and Prof. ValluriSitaram, University of Western Ontario, Canada. The students from our department are encouraged to visit research institute to attend Student Programs at centers like Inter University Center for Astronomy & Astrophysics (IUCAA), National Center for Radio Astronomy (NCRA), Pune, TIFR (Mumbai & Hyderabad Center), Indian Institute of Astrophysics (IIA), Bangalore and Aryabhatta Research Institute for Science (ARIES), Nainital.

Department of Astronomy has also hosted Linux Users Group (LUG) meeting where various experts had come and delivered talks on Open Source Software viz.

Open Moko, Ruby on Rails, Careers in Open Source etc.

45. List the teaching methods adopted by the faculty for different programmes.

The faculty uses the conventional methods of class-room teaching along with web based teaching to motivate students to upgrade their knowledge. The students are involved in hands on activities and practicals to learn concepts better. The students are encouraged to give regular seminars using multimedia facilities.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The students progress is monitored by student Mentors, Student Advisor & Lady Councilors. Issues and problems are regularly discussed in faculty meetings and remedial action taken.

47. Highlight the participation of students and faculty in extension activities.

Various outreach activities for Colleges & Schools are organized by the department in which students & faculty participate - which includes seminars, workshops on telescope making, making of Sun-dials, simple Spectroscopes etc. and visits to the Observatory for night sky observations.

The faculty gives regular talks on Astronomy which is broadcasted on Radio and TV.Programs on Astronomy for the UGC country wide class room have been recorded by the department faculty.

48. Give details of "beyond syllabus scholarly activities" of the department.

Outreach activity as specified in item 47 and participation in Open source movement (item 44).

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Thedepartment and the universityas a whole is accredited/graded by NAAC**.**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Department of Astronomy, Osmania University is the only department in India which offers Masters Program in Astronomy. It is the only university in India which has a major observatory (with a 1.2m telescope). Various scientists working in leading research institutes is India & abroad are products of this department. Department of Astronomy, Osmania University has played very crucial role in shaping the Astronomy education in India. The Astronomical Society of India (ASI) which is the prime body of professional astronomers in India has its origin in this department.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

(i) It is the only department in India which offers Masters program in Astronomy.

(ii) It has a major observatory with a 1.2 m telescope attached to it. This can be

used a training place for observational astronomers at National level.

(iii) It has a long legacy of teaching Astronomy and research in Astronomy.

(iv) It has an excellent library and very good computer lab with web access.

(v) It is located centrally making it ideal for people from all parts of India to visit conveniently.

It has all the potential to make it a national center for Astronomy & Astrophysics.

Weaknesses

(i) Over the years many people from both scientific staff and technical staff has retired but recruitment of new staff has not been comparable.

(ii) It is essential to recruit good faculty, scientists and technical staff periodically.

(iii) The scientists/faculty needs to be selected from diverse areas of astronomy.

(iv) The present funding for the Observatory is insufficient.

(v) There have been various attempts in the past to make Japal-Rangapur Observatory (JRO) a National facility which has not been done.

Challenges

(i) To attract interested and motivated students to Astronomy.

(ii) Find sources and funds to upgrade the facilities at the JRO.

(iii) Increase the scientific staff so that the research output could increase.

52. Future plans of the department.

The department has played a crucial role in the past in shaping the progress in Astronomy. It has contributed majorly in the studies of binary stars, variable stars and galaxy dynamics.The future plans of the department are to carry on its legacy and propagate the knowledge of Astronomy from school level to higher research level. It is desired to widen the thrust areas to X-ray Astronomy, Black hole physics and Celestial Mechanics & its applications to space research.

The department is in the process of signing exchange and collaborative programs with leading institutes at national and inter-national level.

***

Department of Biochemistry

1. Name of the Department : Biochemistry
2. Year of establishment : 1963
3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Science
4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

   M.Sc in Biochemistry

   Ph.D in Biochemistry&Food & Nutrition
5. Interdisciplinary courses and departments involved

   Forensic Science, Environmental Science, Mathematics & Genetics Departments
6. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil
7. Details of programmes / courses discontinued, if any, with reasons : Nil
8. Annual/ Semester/Choice Based Credit System : Semester & Choice Based Credit System
9. Participation of the department in the courses offered by other departments:

   Forensic Science and Environmental Science
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors) :

	Sanctioned	Filled
Professor	4	3
Associate Professor	5	--
Assistant Professor	2	3

11. Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Dr. Ch. VenkataRamana Devi	M.Sc, Ph.D	Professor	Biochemistry	28	6
Dr. S. Satyanarayana	M.Sc,	Professor	Biochemistry	28	6

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Singh	Ph.D				
Dr. B. Sashidhar Rao	M.Sc, Ph.D	Professor	Biochemistry	28	6
Dr. B. Manjula	M.Sc, Ph.D	Assistant Professor	Biochemistry	09	5
Dr. R. Karuna	M.Sc, Ph.D	Assistant Professor	Biochemistry	09 (at OU) +5 years prior to OU	1
Dr. Raju Padiya	M.Sc, Ph.D	Assistant Professor	Biochemistry	04	--

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors Nil

13. Percentage of classes taken by temporary faculty – programme-wise information

Nil

14. Programme-wise Student Teacher Ration :

M.Sc - 4 : 1

Ph.D - 8 : 1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled :

Post	Sanctioned	Filled
Senior Technical Assistant	1	1
Lab-Assistants	2	1+1 (1 Contract)
Senior Assistant	1	1
Lab-Attendants	3	3
Store Keeper	1	1 Contract
Watchman	2	2 (1 Time Scale + 1 contract)
Kamatan	1	1

16. Research thrust areas recognized by funding agencies:

UGC-SAP-DRS- I - Peptides and Proteins

UGC-SAP-DRS- II - Molecular Biology of Stress Response

17. Number of faculty with ongoing projects from a) national b) international funding

and agencies c) Total grants received. Give the names of the funding agencies and grants received project-wise.

UGC- CPEPA - Rs. 20.00 Lakhs

18. Inter-institutional collaborative projects and grants received

a) All India collaboration

- Department collaborated with Indian Institute of Millet Research (IIMR), Rajender Nagar in a DBT Funded Research Project
- DAE – BARC, Hyderabad.

b) International - Nil.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

UGC-SAP-DRS- III Rs. 1.5 Cr.

20. Research facility / center with

- state recognition : -Nil-
- national recognition : -Nil-
- international recognition : -Nil-

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

*	Number of papers published in peer reviewed journals (national / international)	:	National 15 International 25
*	Monographs	:	1
*	Chapters in Books	:	9
*	Edited Books	:	2
*	Books with ISBN with details of publishers		ISBN: 978-3-659-86396-7
*	Number listed in International Database (For *e.g*. Web of Science, Scopus, etc.)	:	Nil
*	Citation Index – range / average	:	Over 1200 Citations
*	Impact Factor – range / average	:	3.0
*	h-index	:	22

23. Details of patents and income generated -Nil-

24. Areas of consultancy and income generatedIndustry & Training -Rs. 1.2 Lakhs

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad Nil

26. Faculty serving in :

a) National committees

Prof. B. Sashidhar Rao, Member, FSSAI, Govt. of India.

Prof. Ch. VenkataRamana Devi, Member , SAC – ICMR

27. Faculty recharging strategies

Participation in conferences, etc.

Department Faculty participated in the "27th Appreciation Course in Parliamentary Processes and Procedures" organized by the BPST, at New Delhi from 2nd to 6th May, 2016.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects 70%
- percentage of students doing projects in collaboration with other universities / industry / institute 30%

29. Awards / recognitions received at the national and international level by

- Faculty: Prof. B. Sashidhar Rao awarded Fellow of Telangana Academy of Sciences – 2015.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

International Conference (1)	"Biochemistry Nutrition & pharmacy in human welfare: Recent trends & future challenges" held on 03-05, September 2015
National Conferences (2)	First Annual Congress on "Reproductive Molecular Biology & Assisted Reproductive Technology: ethics, regulations & pioneering technology" held on 05 November, 2016. "New Trends in Reproductive Health and Biochemistry" in association with Maternal Health and Research Trust (MHRT), Hyderabad & Indian Women Scientist's Association (IWSA), Hyderabad Chapter held on 08, November, 2016.

31. Code of ethics for research followed by the departments:

As per UGC and University guidelines

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc	--	14	12	80	85
Ph.D	--	16	14	70	75

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc	70	15	10	5
Ph.D	60	20	15	5

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. --

35. Student progression

Student progression	Percentage against enrolled
PG to Ph.D.	5
Ph.D. to Post-Doctoral	50
Employed • Campus selection • Other than campus recruitment	-- -- --
Entrepreneurs	--

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	85
from other universities within the State	--
from universities from other States	15
from universities outside the country	--

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period One (Dr. Raju Padiya)

38. Present details of infrastructural facilities with regard to

a) Library : Yes
b) Internet facilities for staff and students : Yes
c) Total number of class rooms : (2)
d) Class rooms with ICT facility : (2)
e) Students' laboratories : M.Sc. (2 Labs)
f) Research laboratories : (6 Nos)

39. List of doctoral, post-doctoral students and Research Associates

    a) from the host university - 30
    b) from other universities - Nil

40. Number of post graduate students getting financial assistance from the university.

    25

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

    Yes, Ph.D in Food and Nutrition

42. Does the department obtain feedback from

    a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? -Yes
    b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? -Yes
    c. alumni and employers on the programmes offered and how does the department utilize the feedback? -Yes

43. List the distinguished alumni of the department (maximum 10)

    Dr. Jagath Reddy

    Dr. Shashivardhan

    Dr. S. Padma

    Dr. Rajendra, Associate Professor, Central University of Kerala

    Dr. M. Mohan Krishna Reddy, Principal Scientist, IICT, Hyderabad

    Dr. C.V. Ratnavathi, IIMR, Hyderabad.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

    Guest Lectures / Workshops

45. List the teaching methods adopted by the faculty for different programmes.

    IT enabled methods, e-class room; 24 x 7 Wi-Fi facility

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

    Internal assessments and feedback

47. Highlight the participation of students and faculty in extension activities.

    Visit to CCMB, NIN, IICT

48. Give details of "beyond syllabus scholarly activities" of the department.

    Students tour to places like Warangal, Nagarjuna Sagar

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. --

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Workshop conducted for teachers of affiliated colleges as Teacher Training Programme and equipment workshop.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

a. ***Strength:*** Getting Projects from various funding agencies.
Conducting Conferences, Workshops, Outreach programmes,
SwacchBharath, Make in India Programme,
Class quizzes

b. ***Weakness:*** Need of teaching & non-teaching Staff
power supply, water facility, class rooms facility
Exclusive instrumentation facility for M.Sc. Labs I & II
Lack of some important infrastructure.
Dire need for a washroom for female staff members

c. ***Opportunities:*** Introduction of new courses
New electronic class rooms facility with dish antenna to accesslive programmes fromNational and International forums

d. ***Challenges:*** Out sourcing, consultation for research projects,
Clinical& Molecular diagnosis
Use of sophisticated Instrumentation
To procure e-Books with Computer facilities
Reprographic facility

52. Future plans of the department.

Involved to obtain similar programmes like ISLARE, UPE and DST-PURSE

***

Department of Botany

1. Name of the Department : Botany
2. Year of establishment : 1924
3. Is the Department part of a School/Faculty of the university:

   Yes, Faculty of Science
4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

   M.Sc. Botany

   Ph.D. Botany
5. Interdisciplinary courses and departments involved:

   M.Sc. Environmental Science (as Nodal Department): Departments of Botany, Zoology, Appl. Geochemistry, Physics etc. are involved
6. Courses in collaboration with other universities, industries, foreign institutions, etc. NIL
7. Details of programmes / courses discontinued, if any, with reasons:

   NIL
8. Annual/ Semester/Choice Based Credit System:

   Semester System with Choice Based Credit System
9. Participation of the department in the courses offered by other departments:

   Yes
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Designation	Sanctioned	Filled
Professor	--	6
Associate Professor	--	1
Assistant Professor	--	3

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D. /M.Phil. etc.)

Name	Qualification	Designation	Speciali-zation	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Dr. (Mrs.) B. Prathibha Devi	Ph.D.	Professor	Biotechnology & Genetics	31	07

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Dr. Rana Kausar	Ph.D.	Professor	Mycology and Plant Pathology	32	--
Dr. P. Ramachandra Reddy	Ph.D.	Professor	Paleobotany & Med plants	32	4
Dr. H. Ramakrishna	Ph.D.	Professor	Paleobotany-Palynology	27	4
Dr. Nirmala Babu Rao	Ph.D.	Professor	Terrestrial ecology & Pollution	27	2
Dr. C. Venkateshwar	Ph.D.	Professor	Taxonomy & Med plants	25	3
Dr. P. Manikya Reddy	Ph.D.	Professor	Hydro-biology	27	5
Dr. P. Kamalakar	Ph.D.	Associate Professor	Physiology	18	--
Dr. S. Karnakar Reddy	Ph.D.	Assistant Professor	Cytogenetics	9	1
Dr. E. Sujatha	Ph.D.	Assistant Professor	Plant Physiology	3	--
Dr. B. Kiran Kumar	Ph.D.	Assistant Professor	Molecular Genetics & Biotechnology	3	--
Dr. S. Azeem Unnisa	Ph.D.	Assistant Professor	Water and Waste Water Treatment	3	--
Dr. D. Sesikala	Ph.D.	Assistant Professor	Environmental Mocrobiology	3	--

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors

Emeritus Professors:

1. Prof. C. Manoharachari
2. Prof. S. Seetaram Rao
3. Prof. B. Bhadraih
4. Prof. B. Pratibha Devi

13. Percentage of classes taken by temporary faculty – programme-wise information:

NIL

14. Programme-wise Student Teacher Ratio:

20: 1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled: 30

S.No.	Designation	Sanctioned	Filled
1	Lab-Assistants	4	2
2	Typist	2	1
3	Junior Assistant	2	1
4	Record Keeper	2	1
5	Lab-Attendants	8	6
6	Lab-attendants (Contract)	-	1
7	Office Sub-ordinate	2	1
8	Ayah	2	1
9	Dafedar -	1	(1 on contract)
10	Plant Collector (Contract)	2	(1 on contract)
11	Store Keeper (Contract)	2	(1 on contract)
12	Kamati	6	1
13	Kamati (Time-scale & contract)	-	2 (timescale & contract)
14	Watchman	2	(1 on time scale)
15	Mali / Malan	10	6
16	Mali/Malan Time Scale	-	2
17	Mali / Malans (Contract)	-	2
18	Computer Operator (Contract)	-	1 on contract
19	Scavenger (Contract)	1	1 on contract

16. Research thrust areas recognized by funding agencies:

Systems Biology and Mycology and Plant Pathology

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

Sl No	Name of the Teacher	Funding Agency	Title of the Project	Dura -tion	Grant received (Rs.)
1	Prof. G. Bagyanarayana	DST-PURSE	Aspects of some economically important fungi	2011-14	495000
2	Prof. S. Seeta Ram Rao	UGC	Effect of brassinosteroids on growth and metabolism of *Cajanus cajan* (L.) Millsp under aluminium toxicity"	2011-14	1000000
3	Prof. S. Seeta Ram Rao	DST PURSE	Effect of brassinosteroids on growth and Production of Pharmaceutically active substances in *Withania sominifera* Dunal under drought Stress	2011-14	495000
4	Prof. B. Bhadraiah	UGC	Interaction of *Trichoderma* sp. In habituating the rhizosphere of green gram with VAM and PGPR	2011-13	765000

Sl No	Name of the Teacher	Funding Agency	Title of the Project	Dura -tion	Grant received (Rs.)
			on green gram (*Vigna radiata*)		
5	Prof. B. Bhadraiah	DST-PURSE	Role of biocontrol agents in eradicating wilt & root rot diseases of Brinjal (*Solanium melongeana L)*	2011-14	122500
6	Prof. (Mrs) B. Prathibha Devi	DST-PURSE	Biochemical and tissue culture studies in *S. asoca* and *C. wighti*	2011-14	502500
7	Prof. S. Gangadhar Rao	DST-PURSE	Geographical distribution ….*Hemidesmus indica*	2011-14	480000
8	Prof. P. Rama chandra Reddy	UGC	Evaluation of ethnomedicinal …AP	2011-14	904300
9	Prof. P. Rama chandra Reddy	UGC	Geographical distribution, hot spots, germplasm collection, selection and cultivation of Coleus forskohlii, Andrographis paniculata and. Hemidesmus *indicus*	2012-15	900000
10	Prof. K. Satya Prasad	UGC	Endophytic Fungi of Medicinal Plants	2010-13	750000
11	Prof. C. Venkateshwar	DST-PURSE	Standardization of Ayurvedic drugs "Ashwagandha	2011-14	367500
12	Prof. P. Manikya Reddy	UGC	Studies on the changing water spread area of surface water bodies and its environmental impact assessment in Greater Hyderabad Municipal Corporation Area	2010-13	749800
13	Dr. S. Karnakar Reddy	UGC	Soma Clonal Variation Studies in *Gloriosa superba*	2011-13	750000
14	Prof. C. Manoharachari	MoEF	AICOPTAX project	2009-12	2000000
15	Prof. KVBR Tilak	National Academy of Sciences	Interaction of rhizosphere micro-organisms with rhizobia on legumes under semi-arid soils.	2009-13	1810000
16	Dr. Sitamahalaxmi	DST Women Scientist -B	'Biochemical characterization of stem and leaf extracts of medicinal herb *Aerva lanata'*	2011-13	600000
17	Dr. A. Hindumathi	DST Women Scientist 'A'	Exploitation of Arbuscular Mycorrhizal Fungi and Plant Growth Promoting Rhizobacteria for Plant Growth promotion and biological control in safflower and molecular characterization for field application	2012-15	2000000
18	Dr. D. Malleswari	UGC Women PDF	Isolation and characterization of Actinomycetes from different medicinal plants and their influence for plant growth promotion, Biomass and alkaloid	2012-15	1930000

Sl No	Name of the Teacher	Funding Agency	Title of the Project	Dura -tion	Grant received (Rs.)
			content of *Costus igenus*		
19	Dr. D. Srikanth	UGC-PDF (Kothari)	Biological Waste Water Treatment	2012-15	1700000
Total					**18321600**

Projects sanctioned from 2014 onwards

S. No.	Name of PI	Title of the Project	Year / Duration	Funding Agency	Amount (Rs. In Lakhs
1	Prof. H. Ramakrishna	Melissopalynological investigation of Agricultural tracts of Adilabad District - A.P.	2011-2014	UGC-MRP	12.00
2	Prof. C. Venkateswar Co-ordinator	Deflourination of drinking water Modernization of slaughter houses	2015 onwards	DST-SERB UGC-MRP	17.00
3	Dr. P. Kamalakar Co-Investigator	Studies on Biodiversity of Algae Conservation and impact of Physiological factors of Two Fresh Water and Polluted water bodes of Hyderabad	2013-2016	UGC	14.00
4	Dr. B. Kiran Kumar	"In vitro regeneration studies in Indian flax cultivars (Linum usitatissimum L.) and their molecular characterization using molecular markers	2014-2016	UGC-BSR	6.00
5	Prof. S. Seeta Ram Rao	"Materials for Health care Applications"	2013 onwards	UGC-UPE	3.68 @ PA
6	Prof. (Mrs.) B. Prathibha Devi	Study of antidiabetic potential of some alkaloids of T: *Cordifolia*	2013-2016	UGC-UPE	15.00
Total					**80.00**

18. Inter-institutional collaborative projects and grants received

d) All India collaboration, b) International - One

- AP-Netherlands Biotechnology Programme which was carried out in collaboration with ICRISAT (a CGIAR international institution)

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

DST-FIST (2012-13) = Rs. 80.00 Lakhs

UGC – SAP (2007-2012) = Rs. 60. 00 Lakhs

DST-FIST (2014-18) = Rs. 85.00 Lakhs

UGC – CAS (2015-2020) = Rs. 2. 00 Crores

20. Research facility / centre with

- state recognition - YES
- national recognition - YES

- international recognition - YES

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

*	Number of papers published in peer reviewed journals (national/international)	210/07
*	Monographs	8
*	Chapters in Books	8
*	Edited Books	16
*	Books with ISBN with details of publishers	12
*	Number listed in International Database	12
*	Citation Index – range/average	148
*	SNIP	--
*	SJR	--
*	Impact Factor – range/average	2.5 – 5.0
*	h-index	Up to 10

23. Details of patents and income generated

List of Patents obtained or applied for during last five years.

1. Patent obtained: by Prof. C. Venkateswarlu for "A process of effluent treatment of any galvanizing industries" Patent No: 242483. Dt. 30.08.2010.
2. Patent applied by Prof. C. Venkateswarlu on "Conversion of polluted lake water into potable water". Application number: 8290/RQ/CHE/2011. Dt. 19/10/2011.

24. Areas of consultancy and income generated:

Taxonomical identification and authentication of plants

Plant tissue culture technology

Microbial and fungal identification

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad:

Prof. C. Manoharachary : Visited USA and Srilanka as Invited Speaker

Prof. G. Bagyanarayana : Visited Canada as Invited Speaker

Prof. B. Prathibha Devi : Visited China as Key Note Speaker at International Conference in Nanjing, China in 2010

26. Faculty serving in

a) National committees:

Prof. G. Bagyanarayana : UGC, DST
Prof. S. Seeta Ram Rao : UGC, DST, APSCHE
Prof. (Mrs.) B. Prathibha Devi : UGC

b) International committees:

Prof. G. Bagyanarayana	:	Canada Conference
Prof. (Mrs.) B. Prathiobha Devi	:	China (Research Committee in Nanjiing Agricultureal Committee)

c) Editorial Boards

Prof. G. Bagyanarayana
Prof. (Mrs.) B. Prathibha Devi
Prof. S. Seeta Ram Rao
Prof. C. Manoharachary
Prof. H. Ramakrishna

d) Any other (please specify) : Nil

27. Faculty recharging strategies:

Conduct of Departmental Conferences, workshops, seminars, symposia

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects:M.Sc. Botany - 100%
- percentage of students doing projects in collaboration with other universities / industry/ institute: M.Sc. Environmental Science - 100%

  M.Sc. Environmental Science students have done their projects in various National and International Institutes.

29. Awards / recognitions received at the national and international level by

- Faculty:

  PROF. C. MANOHARACHARY (EMERITUS SCIENTIST)

  1. UGC award of Prof. Emeritus fellowship – 2010 – continuing
  2. YL Nene Outstanding Plant Pathologist Award – 2011
  3. Life Time Achievement Award – 2012, Mycological Society of India
  4. Life Time Achievement Award – 2012, Internat. Conf. Mycol. Pl. Pathol., BHU, Varanasi
  5. Prof. K. Natarajan Endowment Lecture, University of Madras – 2011
  6. Expert member UGC, CSIR, DBT, DST, MoEF, ICAR, TERI, ICRISAT, UPSC, NAAC and others.
  7. Member, Scientific Advisory Com, National Centre for Cell Science (DBT), Pune, 2009-12.
  8. Member, Research Advisory Committee, Agharkar Research Institute (DST), 2009 – 2012.
  9. Member, Advisory Com National Facility for Fungal Culture Collection, ARI, Pune, 2009-12.
  10. Fellow of the National Academy of Sciences, India.
  11. Fellow of the Indian Phytopathological Society.
  12. Fellow of the Indian Botanical Society.

13. Fellow of the A.P Akademy of Sciences.
14. Fellow of The Indian Mycological Society, Kolkata.

PROF. K.V.B.R. TILAK (EMERITUS SCIENTIST)

1. Senior scientist, Platinum Jubilee Fellowship National Academy of sciences, India (NASI).
2. A species of genus *Phaeospirillum* was named as *Phaeosprillum tilakii* published in International Journal of Systematic Bacteriology (2011) by Shalemraj P, Chakravarthy SK, Ramaprasad EVV, Sasikala Ch and Ramana Ch V) in honour of the Emeritus Scientist Prof. K.V.B.R. Tilak.

PROF. G. BAGYANARAYANA

1. Appointed as Vice-Chancellor, Palamuru University, AP on 26th April 2012.
2. Elected as President, Indian Mycological Society, 2012-2013.
3. Awarded Meritorious Scientist award at the 3rd International Conference on Medicinal Plants and Herbal Products held at Srilanks Dec. 2011.
4. Elected as member, International Commission on taxonomy of Fungi, Hq, Canada, 2007-11 and 2011-14.
5. Appointed as Hon. Vice-Chairman, Sri Bhramaramba Mallikarjunaswamy College of Education, Kalwakurthy, Mahaboobnagar 2009-12.
6. Appointed by UGC as External Member, UGC-SAP, Department of Botany, University of Goa 2010-14.

PROF. S. SEETA RAM RAO

1. Member, Editorial Support Group, National Translational Mission, Ministry of Human Resource Development (Govt. of India, Indian Institute of Translation, Mysore.
2. External Member, BOS Department of Botany, Telangana University, Nizamabad.
3. External Member, BOS in Department of Botany, Ramakrishna PG (Autonomous) College, Nandyala.

PROF. PRATHIBHA DEVI

1. UGC-BSR one time grant award, 2011.
2. Andhra Pradesh State Award for Best Teacher 2012.
3. UGC-BSR faculty fellow, 2015.

- Students
  - Doctoral / post doctoral fellows:

    DST Women Scientist

    Four students have won Best Poster and Best paper awards during

Conferences.

- Students:

  Attended workshops sponsored by DBT-ISLARE.

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any:

The Department gas organized several seminars and the Faculty has attended several conferences in India and abroad.

- National and International seminars organized:

  National -20; International - 2.

- National seminars attended and chaired sessions, delivered invited lecturers:

  150

- International seminars/conferences attended

  15

They were sponsored by the UGC-SAP, Indian Botanical Society and other agencies.

31. Code of ethics for research followed by the departments:

Ethics followed for publication and prrsentation of research data.

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Selected		Pass percentage	
	Male	Female	Male	Female
M.Sc. Botany	48	52	92	90
M.Sc. Envi. Science	40	60	94	92

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc. Botany	50	48	1	1
M.Sc. Envi. Science	50	46	2	2

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- Two Students have cleared Group-II Services
- Six students have cleared NET
- Two students have cleared GATE

35. Student progression

Student progression	Percentage against enrolled
PG to Ph.D.	20
Ph.D. to Post-Doctoral	10
Employed • Campus selection • Other than campus recruitment	About 40
Entrepreneurs	About 2

Each year, the students have found placement in Government Degree and Junior Colleges as Lecturers and those with additional qualifications of B.Ed. have found placement as Teachers in government schools.

A good percentage have enrolled in Ph.D. programmes and have secured good jobs in Biotech or Pharma companies besides finding placement in private Colleges as Lecturers. A few students have gone abroad for further studies.

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	90
from other universities within the State	10
from universities from other States	--
from universities outside the country	--

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period

Nil

38. Present details of infrastructural facilities with regard to

a) Library :Very good library facilities are available with 8540 titles.

Journals: Review of Plant Pathology, Mycologia, Physiologia Plantarum and Five Indian Journals.

b) Internet facilities for staff and students : Yes

c) Total number of class rooms : 5

d) Class rooms with ICT facility :

e) Students' laboratories : 5

f) Research laboratories : 8

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university :

Post-Doctoral Students: Dr. A. Himabindu

Doctoral Students

a) from same university

1	T. Sreelakshmi	42.	M. Sujatha
2	L. Sreenivas	43.	Shaik Hafeez
3	Padmasri	44.	V. Archana
4	K. Chandra Mohan	45.	P. Saritha
5	G. Rajendar	46.	D. Raj Kumar
6	B. Keerthi	47.	B. Saidulu
7	E. Mohan	48.	P. Prathyusha
8.	M. Ragini	49.	J. Swamy
9.	G. Mallesh	50.	R. Prabhakar
10.	E. Venkatesham	51.	K. Padmapriya
11.	P. Rupa	52.	Md. Khaja Moinuddin
12.	Ch. Srinivas	53.	K. Geetha
13	P. Sudhakar	54.	G. Memalatha
14.	C. Satyavathi	55.	J.S. Seema
15.	A. Naresh	56.	G. Madhavi
16.	S. Karunakar	57.	E. Ramesh Kumar
17.	M. Ranemma	58.	Ch. Raj Kumar
18.	K. Maesh	59.	A. Ramadevi
19.	G. Jhansi Rani	60.	S. Mallesh
20.	B. Kalpana	61.	B. Aruna
21.	P. Ravi Raj	62.	B. Vanitha
22.	J.K. Pushpalatha	63.	V. Srinivas
23.	M. Anjamma	64.	D. Kavitha
24.	K. Nagesh	65.	P. Sandhya
25.	D. Sai Kumari	66.	V. Renuka
26.	G. Prabhakar	67.	S. Niranjan
27.	B. Shyam Sunder	68.	K. Srinivas Reddy
28.	A. Pradeep Kumar	69.	R. Madhavi
29.	B. Sravanthi	70.	Ch. Saidulu
30.	J. Ganga Kailas	71.	Ch. Mohan
31.	Yuvi Singh	72.	S. Saidaiah
32.	D. Seetharam	73.	K. Balaswamy
33.	Jyoshna Mesram	74.	G. Odelu
34.	Hajera Sana	75.	N. Upender
35.	R. Sangameshwar	76.	R. Chandrasagar
36.	Asma Jabeen	77.	P. Manjula
37.	A. Veerendra Babu	78.	S. Kistamma
38.	R. Devender	79.	C. Pakkeraiah
39.	A.B. Rajitha Sri	80.	T. Rajyalaxmi
40.	J. Nagalaxmi	81.	R. Anne Manjulatha
41.	E. Rajaiah	82.	Kavitha

b) from other universities :

1	M. Lavanya	23	B. Saidulu
2	K. Baleshwar Reddy	24	V. Sriman
3	A. Srujana	25	T. Ashok Vardhan
4	K. Jagpal	26	B. Thirupathi
5	T. Harini	27	A. Rajini
6	N. Prasanth	28	J.L. Swaroopa Rani
7	A.Ramaswamy	29	K. Kishore Naik
8.	R.Chandra Sekhar	30	B. Malleswari
9.	P. Jyothi Chaitanya	31	Ch. Rama Raju
10.	D. Vineetah	32	K. Sagar
11.	A. Durga	33	Ch.L.P. Siva Kumari
12.	M. Kavitha Kiran	34	K. Usha Rani
13	B. Mohan	35	D. Narmada
14.	E. Kashamma	36	D. Srihari Reddy
15.	G. Naveen	37	N. Divya Sri
16.	K. Sampath	38	V. Sunitha
17.	K. Hemavathi	39	Samala Sridhar
18.	T. Vasantha Laxmi	40	P. Sathi Reddy
19.	G. Srinivasulu	41	P. Sharath Kumar
20.	J. Srilatha	42	Ira Khan
21.	K. Ramesh	43	Sunitha Vaidya
22.	T. Chandra Sekhar	44	R. Surender

40. Number of PG students getting financial assistance from the university:

60%

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:

No new programmes have been introduced in recent times.

42. Does the department obtain feedback from

a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes – By incorporating the suggestions

b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes – By incorporating the suggestions

c) alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes – By incorporating the suggestions

43. List the distinguished alumni of the department (maximum 10)

a. Prof. Syeeduddin
b. Prof. M.A. Salam

c. Prof. M.R. Suxena
d. Prof. Jafar Nizam
e. Prof. M. Hashim
f. Prof. K.V.N. Rao
g. Prof. N. Ramayya
h. Prof. C.G.K. Ramanujam
i. Prof. P. Rama Rao
j. Prof. C. Manoharachary

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Special Lectures, Workshops and Extension Lectures

45. List the teaching methods adopted by the faculty for different programmes.

Use of Audio Visual aids with PowerPoint presentations.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

By interaction with students and implementing the feed back suggestions. Attendance of Students is strictly enforced

47. Highlight the participation of students and faculty in extension activities.

Students and Faculty have undertaken education tours for study of rare medicinal Plants.

48. Give details of "beyond syllabus scholarly activities" of the department:

Orientation in our Research Labs.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details:

No.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Teaching:

The Postgraduate program of M.Sc. Botany is offered by the Department of Botany in the Semester system. Three specializations viz. Applied Physiology and Plant Molecular Biology; Applied Mycology and Plant Pathology; Biodiversity of Medicinal Plants are offered in the third and fourth semesters.

The students submit assignments and present seminars on selected topics apart from their regular classes with theory and practical examinations. The students also have project work assigned to them which they complete in the fourth semester. The students also have to attend the classes and write the examination for a choice-based paper that is offered by the Department. The Department of Botany offers the Choice-based paper on Biofertilizers. We plan to offer new

courses like Plant Biotechnology, Genetic engineering, Microbiology, Bioinformatics, Environmental Biotechnology etc.

All the above are new innovations, such as Assignments, seminars, projects and Choice-based papers were introduced in the last three years and have become successful. We plan to offer new courses like Plant Biotechnology, Genetic engineering, Microbiology, Bioinformatics, Environmental Biotechnology etc.

By assessing the demands of the Biotech industry, the Department has plans to start another specialization "Molecular Biology and Plant Biotechnology" at the M.Sc. core level in order to prepare the students in tune to the industry demand.

Further, the Department has plans to start short certificate courses for the PG students in the practical areas of Plant Biotechnology, Genetic engineering, Microbiology, Bioinformatics, Environmental Biotechnology, Medicinal Botany etc. to help them develop specialized skills to find employment in Biotech industries.

Research:

The Department has been carrying out research in almost all frontier areas of Biotechnology, Molecular biology, Plant Physiology, Environmental biology and Mycology as evidenced by the numerous research projects that are ongoing and those that have been completed and the publications in prestigious High impact Factor Journals. All the above achievements have been possible due to the funding received from DST (FIST) and UGC in the past decade.

The funding from various agencies will strengthen the Department in terms of equipment and resources to continue our research. Since the Department has good expertise latest biological and instrumentation techniques, the funding would help in dissemination of knowledge.

RESEARCH ACTIVITIES OF DIFFERENT SPECIALIZATIONS:

MOLECULAR GENETICS &BIOTECHNOLOGY:

1. During the period 2011-2012, the research team in the lab have completed several research projects funded by UGC and DST and on *Jatropha, Jojoba, Salacia reticulata,* and several other economically important plants including medicinal plants and have completed the work on *in vitro* culture, physico-chemical characterization using HPLC, GC etc, molecular characterization based on RAPD and AFLP, Bioinformatics based problems besides aspects of Bioremediation of PAHs from industrial sites using bacteria.
2. Several prestigious papers in recombinant DNA technology and Genetic Engineering have been published in Top-Notch International Journals like Bioresource Technology, Applied Energy, Biomass and Bioenergy, Plant Cell Reports, In Vitro Cellular & Devp. Biol., Euphytica, Plant Breeding (Germany-Blackwell publ.), Scientia Horticulturae, Journal of Plant Biotechnology etc besides the CSIR publication of Ind. J. Exp. Biol.
3. The ongoing and future research research comprises different aspects of molecular and physico-chemical analysis of medicinal plants, production of valuable products through biotechnological methods, and bioinformatics – related *in-silico* analysis. Several research papers have been published in top-notch international Journals.

4. Research in this laboratory in the past decade has been mainly concentrated on the use of transgenic technology using molecular methods and tissue culture to obtain disease resistance in crop plants. Apart from the major work on an AP – Netherlands funded Biotechnology research project on pigeonpea, considerable transgenic research has been carried out in sorghum, green gram and chickpea. The production of fungal disease resistant transgenic pigeonpea by incorporation of the rice chitinase gene is the first and only achievement in the world so far. The other ongoing major research work in this laboratory has been devoted to standardization of tissue culture and micropropagation of economically important plants, especially the Biodiesel plant *Jatropha* sps and Jojoba.
5. The laboratory has been equipped with the most modern equipment, which is aiding Molecular research work comprising the Polymerase Chain Reaction, Southern blotting, western blotting etc..

APPLIED MYCOLOGY & MOLECULAR PLANT PATHOLOGY:

1. The faculty has been carrying out research both in basic and applied aspects in this specialization. Several research projects have been funded by various funding agencies viz., UGC, CSIR, DBT, MoEn & F, DST etc.
2. Members of this section got their Post-Doctoral research training in reputed labs of UK, USA, Germany, Canada, Japan, Czechoslovakia etc. Several workshops and Symposia at National level and one International Conference were conducted.
3. The teaching faculty of this division is involved in writing monographs in Soil Fungi, Rust Fungi and Powdery Mildews of Andhra Pradesh. Extensive studies are being carried out in the control of foliar pathogens and root borne pathogens using native antagonistic micro-organisms and plant extracts.
4. The work on Biodiversity of Leguminaceous Rust Fungi of India is in progress. Mycofloristic studies on Rust Fungi, Powdery Mildews, Cercosporeae and Hyphomycetes is well in progress. These studies have resulted in the erection of *Manoharachariella* as the new genus and more than 10 new species.
5. In addition molecular characterization of local isolates of *Trichoderma viride* is in progress. Studies on Biodiversity and taxonomy of fungi revealed 18 new genera and 60 new species and 300 additions to the fungi of India. It is interesting to report that one new genus and two new taxa have been identified. UGC has sanctioned a major research project on “Biodiversity and Systematic of Leguminaceous Rust Fungi of India. UGC has sanctioned SAP – III with Mycology and Plant Pathology and Biodiversity of higher plants and microbes as major thrust area and Systems Biology as the other thrust area.
6. During this period several research papers were published in National & International journals.
7. Prof. C. Manoharachari (Emeritus Professor): Outstanding and excellent record, Guided 46 students for PhD. Research Publications (over 400).

Conducted outstanding research in the field of Biodiversity, Taxonomy, Conservation and Biotechnology of Fungi, Medicinal Plants, Molecular Biology, Plant protection - utilized for the rural development.

PLANT PHYSIOLOGY

The Plant Physiology Division is carrying out research in frontier areas of Physiology and Biochemistry. During this period several research papers were published in reputed National and International journals.

1. The main focus of the work is on brassinosteroids, stress physiology and studies involving impart medicinal and aromatic plants.
2. The application of brassinosteroids improved the performance of rose scented geranium. Brassinosteroids enhanced the herbage yield as well as geraniol content in rose scented geranium. The growth enhancement was associated with elevated roots of photosynthesis and other metabolic process which have significant bearing on growth.
3. Foliar treatment of brassinosteroids to coleus plants caused substantial growth promotion. The enhanced growth was further translated into higher economic yield as reflected in increase in the yield of tuberous roots. It was also found that brassinosteroid application, showed positive impact on forskolin content of the roots.
4. Brassinosteroids were found to alleviate the stress caused by lead, cadmium and zinc in radish, the model plant for heavy metal stress studies. The amelioration of metal toxicity as conferred by brassinosteroids was found associated with increased activity of free oxy radical scavenging enzymes, reduced membrane peroxidation and accumulation of free proline and other osmoprotectants. A deep probe into heavy metal stress alleviation revealed that brassinosteroids influence the glutathione-ascorbate cycle there by combating the damaging impact of stress. Further, brassinosteroids reduced the protein oxidation and helped in sustained growth in heavy metal challenged habitats.
5. The work on impact of brassinosteroids on the growth of *Cajanus* plants under toxic levels of aluminium is giving promising results. Brassinosteroids reduced the inhibitory effect of aluminium on root growth there by improved the overall growth of the plants under toxic concentrations of aluminium. Studies concerning the physiological basis of aluminium tolerance as impacted by brassinosteroids are underway.
6. The studies on the influence of brassinosteroids on the performance of aswagandha, an important medicinal plant are just initiated and progressing well. The main emphasis of these studies is to improve the performance of aswagandha under dry land cultivation by exogenously applying brassinosteroids.
7. As part of the AP-Netherlands funded project on medicinal plants research, *In Vitro* production of secondary metabolites of medicinal value is being carried out. Vasicine, an important alkaloid has been isolated from the callus of *Adhatoda zeylanica*. Vasicine content has been increased by changing the concentration of micronutrients and elicitors. Aloin and Barbaloin, important

Anthrone glycosides have been isolated from certain ecotypes of *Aloe barbadenis*.

8. In collaboration with NGO's, attempts are made to popularize commercial cultivation of medicinal plants in villages of Nalgonda & Mahaboobnagar Districts of A.P.
9. Studies on alleviation of fluoride toxicity on plant growth by nutrient amendments were studied. Influence of fluoride toxicity on growth of medicinal plants with particular references to the production of phytochemicals with medicinal properties were undertaken.

TAXONOMY, ANATOMY, EMBRYOLOGY & MEDICINAL PLANTS:

During this period several research papers were published in reputed Scientific Journals.

1. Floristics, chemotaxonomy and pharmacognistic studies of Apocyanaceae, Asclepidaceae and Moraceae.
2. Floristic studies of East Godavari Dist. are made with the help of remote sensing.
3. Studies on epidermology of Asteraceae, Malvaceae and Portulacaceae.
4. Allelopathic studies employing certain weeds.
5. Study of secondary metabolites with medicinal properties.
6. The renovation of the Herbarium room has improved the herbarium in several aspects. It is now a repository of good collection and will prove to be of great help to the students and the Faculty.

ALGOLOGY, HYDROBIOLOGY & ECOLOGY

Biomonitoring of the twin cities lakes i.e., Himayathsagar and Mir-alam Tank.

1. Assisted in the identification of algal flora to NGO's on the Cyberabad lakes.
2. Eutrophication studies on some lakes of R.R. District.
3. Enumeration of the algal flora of different environs and their systematic positions.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- Highly qualified and experienced Faculty. Faculty are nationally and internationally recognized as indicated by their publications, citation indices and H-indices.
- Highly sophisticated scientific equipment.
- Good audio visually equipped classrooms and labs.
- Good library facility.
- Motivated students and research scholars.

Weaknesses

- The Department needs more funds to carry out research in highly specialized areas like molecular biology.
- The Department needs more facilities like uninterrupted power supply and good Conference venue-facility and Committee room for discussions etc.
- The staff recruitment is not taking place and several

facilities of the Department like the Herbarium, Glasshouses and Library are not staffed with candidates trained for the jobs which has led to a neglect of these facilities which were once highly acclaimed and recognized the world over. Therefore, to meet the challenges of the future research, technical staff recruitment is a very urgent necessity.

- There are very sophisticated research equipment in the Department but there is no provision for maintenance in any of the grants received. This has led to accumulation of Non-working equipment in the Department which are of no use and which also occupy precious space. Hence good equipment maintenance grants are needed urgently.

If the above weaknesses are overcome, the Department will meet the future challenges and take up new opportunities.

Opportunity

- More funding is needed. Maintenance of Equipment is needed to carryout intensive research. Therefore, we need a maintenance grant.

Challenges

- To carry out world class research for the benefit of mankind, publish in peer reviewed, high impact factor journals and to apply for patents.

52. Future plans of the department:

The Faculty with diverse specializations plan and hope to take up the following research with the equipment and other facilities provided by the DST-FIST Level-II funds:

1. **Plant Biotechnology research**: Plant tissue culture of endangered and valuable medicinal plants for their conservation and propagation and biochemical analysis of the active principle compounds to identify important drug molecules.
2. **Molecular analysis** to study Genetic diversity of different ecotypes of medicinal plants by subjecting them to RAPD/AFLP analysis to fingerprint them.
3. **Biodiversity, Taxonomy**& Molecular Characterization of Fungi. Identification of microorganisms for Bioremediation. Endophytic Fungi, Biological control and Molecular plant-microbe interaction.
4. **Stress Physiology**, Heavy metal stress, effective use of Brassinosteroids and physiological aspects of Medicinal Botany.
5. **Biodiversity & monographic** works of medicinal taxa. Plant-drugs & consultancy.
6. **Utilization of algae** in human welfare. Algal Biotechnology for identification of useful algae for commercial exploitation. Study of Lakes and water bodies of A.P. for prevention of pollution and their conservation.

***

Department of Chemistry

1. Name of the Department : Chemistry
2. Year of establishment : 1919
3. Is the Department part of a School/Faculty of the University

   Yes, Faculty of Science
4. Names of Programmes/Courses offered (UG, PG, Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   M.Scin Chemistry(Organic, Inorganic, Physical)

   M.Scin Forensic Sciences (as Nodal Department)

   Ph.D in Chemistry
5. Interdisciplinary courses and departments involved

   M.Sc Forensic Sciences(Bio-Chemistry and other Life Sciences Departments)
6. Courses in collaboration with other universities, industries, foreign institutions etc.

   New courses proposed to start in the near future.
7. Details of programmes/courses discontinued, if any, with reasons. Nil
8. Annual/Semester/Choice Based credit System.

   Semester – Choice Based Credit system
9. Participation of the department in the courses offered by other departments.

   In courses offered by

   - Department of Bio Chemistry
   - College of Technology (M. Pharmacy)
   - M.Sc Forensic Sciences

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors).

Designation	Sanctioned	Filled
Professor	14	19
Associate Professor	15	3
Assistant Professor	3	1+3[#]

[#]*These Assistant Professors are recruited under UGC-Faculty Recharge Programme*

11. Faculty profile with name, qualification, designation and specialization (D.Sc./ D.Lit./Ph.D./M.Phil., etc.).

Name	Desig-nation	Qualifi-cation	Specialization	No. of Years of Experience	No. of Ph.D. students guided in the last 5 years
Dr. V. Uma	Professor	M.Sc. Ph.D.	Physical Chemistry	33	4
Dr. G. Veerabhadram	Professor	M.Sc. Ph.D.	Physical Chemistry	33	4
Dr. M. Devadas	Professor	M.Sc. Ph.D.	Inorganic Chemistry	32	2
Dr. Ch. Sarala Devi	Professor	M.Sc. Ph.D.	Inorganic Chemistry	27	7
Dr. M. Vithal	Professor	M.Sc. Ph.D.	Physical Chemistry	30	9
Dr. Shivaraj	Professor	M.Sc. Ph.D.	Inorganic Chemistry	30	7
Dr. Ch. Abrahim Lincoln	Professor	M.Sc. Ph.D.	Inorganic Chemistry	33	0
Dr. D. Ashok	Professor	M.Sc. Ph.D.	Organic Chemistry	30	13
Dr. P. YadigiriSwamy	Professor	M.Sc. Ph.D.	Physical Chemistry	30	3
Dr. T. Parthasarathy	Professor	M.Sc. Ph.D.	Physical Chemistry	27	11
Dr. B. Satyanarayana	Professor	M.Sc. Ph.D.	Inorganic Chemistry	28	4
Dr. P. Venkateswar Rao	Professor	M.Sc. Ph.D.	Inorganic Chemistry	28	6
Dr. P. Veerasomaiah	Professor	M.Sc. Ph.D.	Physical Chemistry	28	3
Dr. Ch. Prasad Rao	Professor	M.Sc. Ph.D.	Organic Chemistry	28	2
Dr. K. Bhasker	Professor	M.Sc. Ph.D.	Inorganic Chemistry	22	2
Dr. P. Leelavathi	Professor	M.Sc. Ph.D.	Organic Chemistry	22.5	2
Dr. Sayaji Rao	Professor	M.Sc. Ph.D.	Inorganic Chemistry	19	0

Dr. B. Manohar	Professor	M.Sc. Ph.D.	Physical Chemistry	19	0
Dr. P. Vijay Kumar	Associate Professor	M.Sc. Ph.D.	Organic Chemistry	16	0
Dr. M. Vijjulatha	Associate Professor	M.Sc. Ph.D.	Organic Chemistry	16	5
Dr. A.K.D. Bhavani	Associate Professor	M.Sc. Ph.D.	Organic Chemistry	24	1
Dr. D. A. Padmavathi	Assistant Professor	M.Sc. Ph.D.	Physical Chemistry	20	0
Dr. K. Siva Kumar	Assistant Professor (UGC)	M.Sc. Ph.D.	Organic Chemistry	3	0
Dr. Raju Jannapureddy	Assistant Professor (UGC)	M.Sc. Ph.D.	Organic Chemistry	2	0
Dr. Abdul Rehaman, M. S.	Assistant Professor (UGC)	M.Sc. Ph.D.	Physical Chemistry	2	0

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors.

Nil

13. Percentage of classes taken by temporary faculty – programme-wise information.

Nil

14. Programme-wise Student Teacher Ratio.

10:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled.

Sanctioned - 39; Filled –39

16. Research thrust areas recognized by funding agencies. SAP, DST-FIST, DST-PURSE, CSIR, DBT, UGC-MRP, UGC-CPEPA

Spectro Analytical Techniques, Synthetic Inorganic Chemistry, Natural Products, Synthetic Organic Chemistryu, Bio Inorganic Chemistry, Computational Chemistry and Molecular Modeling, Medicinal Chemistry, Material Science and Nano materials, Kinetica and Catalysis, Conducting Polymers and Drug Designing

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project wise.

4.

Details of the project/scheme completed or ongoing with the PI.

Name of the PI	Project title	Sponsoring Agency	Amount in Rs.	Duration
Prof. M. Vithal	Layered Perovskites And Hollandites as visible light driven photocatalysts for de Gradation of organic Pollutants and water splitting	CSIR	21.35 lakhs	2016-2019 3 years
Prof. M. Vithal	Preparation, characterization, Photocatalytic and biological studies of metal complexes, Pyrochlores and fast ionic conductors	UGC UPE	4.00 lakhs/ annum	2013-17 3 years
Prof. D. Ashok	Synthesis of a new class of bis-heterocyclic compounds using evaluation of their anti-cancer activity	UGC Major Research Project	10.43 lakhs	2015-2018 3 years
Prof. Shivaraj	Synthetic, structural, antimicrobial, cytotoxic and DNA-interaction studies of bivalent transition metal mixed ligand complexes with bioactive benzothiazole Schiff bases and other ligands	DST-SERB	33.69 lakhs	2014-2017 3 years
Prof. Shivaraj	Synthesis, Charaterization, Antimicrobial activity, DNA cleavage and Crystal studies of mixed ligand Copper (II) Complexes of Isoxazole Schiff Base and heterocyclic compounds	UGC-UPE_FAR	15.0 lakhs	2013-17 4 years
Dr. M. Vijjulatha	Computational design and synthesis of small molecule inhibitors targeting non-travial proteins of HIV-1	DST-SERB	46.0 lakhs	2013-2016 3 years

	Combining Multiple receptor conformation docking and 3D QSAR protocols for identification and design of Novel *Cycloguanil*derivatives as *Plasmodium falciparum* DHFR inhibitors.	UGC-MRP	9.188 lakhs	2013-2016 3 years
	Computational Design and Synthesis of PARP – 1 inhibitors	DST WOSA	15.48 lakhs	2013-2016 3 years
Dr. K. Shiva Kumar	Design and Synthesis of Heteropine derivatives and their pharmacological evolution	DST-SERB	14.33 Lakhs	2014-17 3 years
	Green synthesis of N and O containing heterocycles using novel methodologies and their evaluation against pharmacological targets.	CSIR	21.96 Lakhs	2015-2018 3 years
	Palladium mediated reactions: Synthesis of novel heterocyclic compounds of potential pharmacological interest.	UGC-BSR Startup Grant	6.0 lakhs	2015-2017 2 years
Dr. Raju Jannapureddy	Thiolation of heteroaromatics via C-H activation	UGC-BSR Startup Grant	6.0 lakhs	2015-2017 2 years
	Cascade C-H Functionalization for Synthesis of *N,S*-Heterocycles	DST-SERB/ECR	33.1 lakhs	2016-2019 3 years
Dr. Abdul Rehaman	Computational studies on plavoproteins	DST-Inspire	35.0 lakhs	2014 5 years

18. Inter-institutional collaborative projects and grants received.

Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT; ICSSR, etc.; total grants received.

Name of the Funding Agency	Period	Grant received
DST FIST	2010-2014	Rs. 182 Lakhs (Amount released Rs. 122.00 Lakhs)
UGC-SAP	2011-2015	Rs. 40.00 Lakhs(Amount released Rs. 36.5 Lakhs)
UGC-CPEPA	2012-2015	Rs. 12.75 Lakhs
UGC-DRS		Rs. 25.4 Lakhs

20. Research faculty/centre with

- State recognition
- National recognition.
- International recognition.

Yes. Faculties are actively involved in research in the areas mentioned in item 16. They are resource persons in the said fields, deliver invited lectures in conferences (national and international) at all levels. Train human resources in these fields by conducting workshops in Academic staff colleges and are reviewers on the panels of subject experts for various National and International Journals.

21. Special research laboratories sponsored by/created by industry or corporate bodies.

Sevearal research laboratiories and few other proposed model Lab in pipeline with Industrial Support.

22. Publications :

*	Number of papers published in peer reviewed journals (national / international)	:	National 90 International 130
*	Monographs	:	--
*	Chapters in Books	:	--
*	Edited Books	:	--
*	Books with ISBN with details of publishers		--
*	Number listed in International Database (For *e.g*. Web of Science, Scopus)	:	541
*	Citation Index – range / average	:	--
*	SNIP	:	--
*	SJR	:	--
*	Impact Factor – range / average	:	--
*	h-index	:	--

23. Details of patents and income generated:

1. Improved Synthesis and Cytotoxic Studies of Imine Compounds, Uma Vuruputuri, Bhargavi Kondagari, Sarita Rajender Potlapally and Ramasree Dulapalli, Filed Provisional Patent application number 202/CHE/ 2013 in India.
2. Synthesis and Cytotoxic Studies of Barbituric Acid Derivatives, Uma Vuruputuri, Sarita Rajender Potlapally, Bhargavi Kondagari and Vasavi Malkhed, Patent application number 3345/CHE/2012 in India.
3. Improved Process for the Preparation of Dihydro Indolone Compounds and their Cytotoxicity, Uma Vuruputuri, Bhargavi Kondagari, Sarita Rajender Potlapally and Ramasree Dulapalli, Patent application number 3344/CHE/2012 in India.
4. Novel Entities for Mycobacterium tuberculosis- Synthesis and activity Uma Vuruputuri, Vasavi Malkhed, Sarita Rajender Potlapally and Kiran Kumar Mustyala. {In collaboration with University of Minnesota (shortly to be filed)}

24. Areas of consultancy and income generated: --

25. Faculty selected nationally/internally to visit other laboratories in India and abroad. --

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other(please specify)

Name of the Faculty	Served as
Prof. S. Satyanarayana	National: • Indian Journal of Chemistry • Chemical Science • Journal of Indian Chemical Society International • Journal of Photochemistry and Photobiology B: Biology • Sensors & Actuators: B. Chemical • SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy • Journal of coordination Chemistry • Journal of Fluorescence • Applied Organometallic Chemistry • Australian Journal of Chemistry • Pakistan Journal of Scientific and Industrial Research
Prof. V. Uma	Reviewer on International Journals • Journal of Molecular modeling(Springer) • Journal of Drug Targeting(Informa Healthcare) • Journal of Bio-Organic Medicinal

	Chemistry(Elsevier) • Journal of Bio systems(Elsevier) • Journal of Medicinal Chemistry Research (Springer) • Journal of Bio molecular Structureand Dynamics • Current trends in Computational Methods and Drug discovery. • Journal of Applied Biochemistry and Biotechnology
Prof. Ch. Sarala Devi	InternationalBulletin of Chem. Soc. Ethiopia - Reviewer
Prof. M. Vithal	National/InternationalReviewer
Prof. T. Parthasarathy	National/International Reviewer on Indian J. of Chemistry

27. Faculty recharging strategies.

National Conferences& Seminars attended:

Dr. M. Vijjulatha

1. Invited lecture on **Computer Aided Drug Design and Microwave assisted Synthesis of Novel HIV-1 Inhibitors** at International Conference on Nano-Bio and Materials Sciences during January, 08-10, 2014
2. Invited lecture on **Computer Aided Drug Design** at Refresher course in JNTU-Hyderabad on 31st July 2014.
3. Invited lecture on **Docking based design of HIV-1 Entry Inhibitors targeting gp41 Pocket** at National Seminar on Computer simulations: Chemistry of Bioactive Molecules at Sri Venkateswara College (U.G & P.G) Amaravadi Nagar Suryapet during August 06-07, 2014.
4. Invited lecture on Combating antimalarial drug resistance by developing novel molecules throughtInsilico studies at National conference on bioinformatics drug discovery and microbial technology in PGRRCDE Osmania University, Hyderabad during December 22-31, 2014.
5. Invited lecture on **Design of Heterocyclic compounds based on Computer Aided Drug Design methods** at National Seminar on New aspects of Heterocyclic Chemistry in Medchem and Chemical Biology at R.B.V.R.R. Women's College, Hyderabad February 19thand 20th , 2015.
6. Invited lecture on **Design of Lead molecules based on Computer Aided Drug Design methods**at Refresher course in JNTU-Hyderabad on 3rd September 2015.
7. Invited lecture on **Design of Various Lead Molecules based on computer aided drug design methods** at Refresher course on "**Recent innovations in NDDS through nanotechnology for various diseases**" in JNTU - Hyderabad on 6th March, 2015.
8. Invited lecture on **Medicinal Chemistry and Molecular Modelling, a synergistic approach for Drug Design** at National seminar on Frontiers in Chemical Research and Analysis, ***St. Francis College for Women,*** Hyderabad, 24th – 25th July 2015.

Papers presented in Symposium

9. Evaluation of Protein Ligand Affinities of HIV – 1 Protease Inhibitors based on Monte Carlo Simulations" S. SreeKanth and **M. Vijjulatha**International symposium on Chemistry with Computers –. Indian Institute of Chemical Technology (IICT) and Institute of Information Technology (IIIT), Hyderabad18th and 19th January 2014. **(Best poster award)**
10. Receptor based 3D QSAR studies on p38 MAP Kinase inhibitors using Multiple Receptor Conformation Docking and Dock Pose Clustering as tool**.** Mohan BabuJatavath, BalabadraSaiKrishna, Sabiha Fatima and Vijjulatha Manga. International Conference in Chemical Biology - Indian Institute of Chemical Technology (IICT), Hyderabad 6th and 8th February 2014.
11. Improving the odds of success on HIV-1 gp120 inhibitors: A computational study using Molecular docking and MM-GBSARadhika Vangala, Ramesh Itteboina, SreeKanth Sivan, Vijjulatha Manga. International Conference in Chemical Biology - Indian Institute of Chemical Technology (IICT), Hyderabad 6th and 8th February 2014.
12. Molecular Docking and MM-GBSA Integrated Protocol for Identifying Novel HIV-1 gp41 InhibitorsRamakrishna Munnaluri,Mustafa KamelJoudah, Sree Kanth Sivan, Vijjulatha Manga International Conference in Chemical Biology - Indian Institute of Chemical Technology (IICT), Hyderabad 6th and 8th February 2014.
13. Insilico studies on HIV-1 TAR RNA inhibitors, Janaiah vcChevula, Vangala Radhika, SreeKanth Sivan, Manga Vijjulatha*, (Oral Presentation) National seminar on Computer Simulations: Chemistry of Bioactive Molecules, SV College, Suryapet, Nalgonda, 6th and 7th August, 2014
14. Docking based design of p38 alpha MAP Kinase inhibitors, N.V.S.S. Kanthi, Mohan BabuJatavath,SreeKanth Sivan, Manga Vijjulatha*, (Oral Presentation) National seminar on Computer Simulations: Chemistry of Bioactive Molecules, SV College, Suryapet, Nalgonda, 6th and 7th August, 2014
15. Pharmacophore modeling and 3D-QSAR studies on new 2-Methyl-6-Ureido-4-Quinolinamides as DHFR inhibitors in *Plasmodium falciparum*, NandiniGundaram, SaiKrishnaBalabadra, SreeKanth Sivan, Manga Vijjulatha*, (Oral Presentation) National seminar on Computer Simulations: Chemistry of Bioactive Molecules, SV College, Suryapet, Nalgonda, 6th and 7th August, 2014.
16. Molecular Docking guided 3D QSAR Studies on p38α Map kinase Inhibitors, N.V.S.S. Kanthi, Mohan BabuJatavath, SreeKanth Sivan, Vijjulatha Manga*, National conference on bioinformatics drug discovery and microbial technology in PGRRCDE Osmania University, Hyderabad, December 22-31, 2014
17. Homology Modelling of *Pf* N-Myristoyl Transferase and comparative 3D-QSAR studies on NMT inhibitors of *Plasmodium falciparum(Pf) and Plasmodium vivax(Pv),* NandiniGundaram, B. SaiKrishna, S. SreeKanth, Vijjulatha Manga*, National conference on bioinformatics drug discovery and microbial technology in PGRRCDE Osmania University, Hyderabad, December 22-31, 2014
18. Insilco design of novel antimalarial agents applying receptor based QSAR technique, G. Nandini, S. SreeKanth and M. Vijjulatha*,Recent Trends in SBCADD-2015", AlagappaUniveristy, Karakudi, 24th – 27nd February, 2015

19. Developing novel inhibitors of HIV-1 entry using Insilico studies, V.Radhika,N.V.S.S. Kanthi and M. Vijjulatha*, Recent Trends in SBCADD-2015", AlagappaUniveristy, Karakudi, 24th – 27nd February, 2015
20. Pharmacophore based virtual screening and molecular docking of PARP-1 inhibitors, Vangala Radhika, Sabiha Fatima, Manga Vijjulatha *,(Oral Presentation) National seminar on Frontiers in Chemical Research and Analysis, ***St. Francis College for Women,*** Hyderabad, 24th – 25th July 2015.
21. Rational design of HIV-1Capsid inhibitors based on 3D-QSAR studies, Tamalapakula Vani, SreeKanth Sivan, Manga Vijjulatha *, National seminar on Frontiers in Chemical Research and Analysis, ***St. Francis College for Women,*** Hyderabad, 24th – 25th July 2015.
22. Extrapolating pharmacophore requirements for *Pf* HGXPRT using PHASE and Molecular docking studies, NandiniGundaram, Vangala Radhika, Manga Vijjulatha*, National seminar on Frontiers in Chemical Research and Analysis, ***St. Francis College for Women,*** Hyderabad, 24th – 25th July 2015.

Prof. T. Parthasarathy

23. International Conference on"Nano, Bio & Material Sciences (ICONBMS)", 8-10th January -2014.Dept of Physics, Nizam College, Osmania University-Hyderabad.
24. "Design of β-Aminoketone Analogues as Antioxidants: A Combined Experimental and Computational study"
25. International Symposium on "Chemistry with Computers (CWC)" January 18-19, 2014, CSIR-IICT & IIIT-Hyderabad, A.P, INDIA.
26. "Novel in vitro Antioxidant Bioassay, QSAR and Docking Studies of Thienopyridine Derivatives"
27. 247th ACS National Meeting &Exposition,"Chemistry and Materials for Energy" March 16-20, 2014. Dallas, Texas, USA.
28. "Novel antioxidant bioassay, qsar and docking studies of 1-phenyl, 3-(nitro furan) prop-2-ene-1-one derivatives"
29. National Seminar on "Computer Simulations: Chemistry of Bioactive Molecules" (Sponsored by UGC) on August 6-7, 2014. Sri Venkateswara College, Suryapet, Nalgonda Dist, Telangana.
30. "Design of Chromone Analogues as Antioxidant Agents: A Combined Experimental and Computational study"
31. 2nd International Conference on Emerging Trends in Chemical and Pharmaceutical Sciences 15th – 17th,October 2014, IICT Hyderabad, INDIA.
32. "Design of TriazoleAnalougesasAnti Oxidants; A Combined Spectrophotometric and Computational Study".
33. 2nd International Symposium on Fluorine Chemistry 3rd – 7th,November 2014. IICT Hyderabad, INDIA.
34. National Conference on "Innovative Processes for Bulk Drugs Enabling the Processes of Tomorrow"26th – 27th March 2015, NIPER Hyderabad.
35. International Conference on "Nascent Developments in Chemical Sciences: Opportunities for Academia-Industry Collaboration (NDCS-2015)" 16th – 18th Oct 2015, BITS Pilani, Pilani, Rajasthan.
36. 252nd American Chemical Society National Meeting & Exposition, August 21-25, 2016, Philadelphia, PA, USA. "Design, synthesis, antimicrobial evaluation

and molecular modeling studies of 4-(5-(2-aminothiazol-4-yl)-1,4-dihydro-2,6-dimethyl-4-aromatic substituted pyridin-3-yl)thiazol-2-amine derivatives"

Prof. Ch. Sarala Devi

37. Synthesis, Characterization, biological activity and DNA. Binding and cleavage studies on tetrazole imine bases and their Cu (II), Co (II) and Ni (II) complex: An experimental and theoretical approach. Ranjith Reddy Palreddy, Jaheer.Mohmed, Ravi Mudavath, SujithaPallimoni, Sarala Devi.Ch.247th American Chemical Society National Meeting and Exposition Chemistry and Material ForEnergy,Dallas, TX-March 16th-20th, 2014
38. Docking, CoMFA and CoMSIA studies of 5-amino-1-aryl-1H-tetrazole derivatives on cholera vulgaris, RanjithReddyPalreddy, JaheerMohmed and Ch. Sarala DeviBiochemistry nutrition and pharmacy in human welfare: recent trends and future challenge, September 3rd, 2015, Department of Bio Chemistry, University College of Science, Osmania University, Hyderabad-500007

Prof. Shivaraj

39. 34th Annual Conference of Indian Council of Chemists. Ukatarsadia University, Bardoli, Surat. Department of Chemistry, UkaTarsadia University, Bardoli, Surat from Dec 26th to 28th, 2015.
40. Emerging Trends and Challenges in Chemical research UGC sponsored seminar Department of Chemistry, Govt Degree College, Bhadrachalam, Khammam, and Telangana from 18th to 19th Dec, 2015.
41. New Vistas of Chemistry: An Interdisciplinary Approach Palamuru University, Mahabubnagar Department of Chemistry, PalamuruUniversity, Mahabubnagar from 12th to 13th Mar, 2015.
42. 33rd Annual Conference of Indian Council of Chemists. Indian School of Mines, Dhanbad. Department of Applied Chemistry, Indian School of Mines, Dhanbad, Jharkhand from Dec 15th to 17th, 2014.
43. 2nd International conference on "Emerging Trends in Chemical and Pharmaceutical Sciences- ICETCPS-2014 Indian Institute of Chemical Technology CSIR-IICT, Hyderabad held from 15th to 17th October, 2014.
44. A One –day Seminar on "X-ray Diffraction: Key to Crystallographic Studies" Osmania University. University College for Women, Koti, Hyderabad held on 15th Mar, 2014.
45. National conference on Role of Chemistry in Energy development and Environmental protection (RCEE-2014) Sri Venkateswara University Department of Chemistry, Sri Venkateswara University, Tirupati held from 3rd Mar to 4th Mar 2014.
46. National conference on Advanced Materials for Energy Applications-NCAMEA-2014 Department of physics, UCS, Osmania University, Hyderabad held from 31st Jan to 1st Feb 2014.
47. National conference on ICONBMS Department of physics, Nizam College, Hyderabad held from 8th Jan to 10th Jan 2014.

Prof. D. Ashok

48. Gordon Research Conference on Heterocyclic Chemistry 21st to 26th June,2015 New Port, RI USA

28. Student projects

- Percentage of students who have done in-house projects including inter-departmental Projects. 65
- Percentage of students doing projects in collaboration with other universities/industry/institute 35

29. Awards/recognitions received at the national and international level by

- Faculty

Name of the Body/Academy	Position, if any
National level	**Prof. Ch. Sarala Devi** (1) Life Member of Indian Chemical Society (2) Life Member of Indian Council of Chemists (3) Life Member of Indian Association of Chemistry Teachers
	Prof. M. Vithal (1) Fellow of Telangana Academy of Sciences (FTAS) (2) Fellow of Andhra Pradesh Academy of Sciences (FAPAS)
	Prof. D. Ashok (1) Life Member of Indian Science Congress (2) Life Member of Chemical Research Society of India (3) Life Member of Indian Chemical Society (4) Life Member of Indian Council of Chemists
International level	**Prof. Manwal Deva Das** (1) Fellow of Royal Society of Chemistry (FRSC, UK) (2) Charted Chemist (CChem, RSC) (3) European Chemist (Eur. Chem.) (4) Charted Scientist (UK)
	Prof. Ch. Sarala Devi (1) Member of American Chemical Society
	Prof. Shivraj (1) Member (No. 30171210), American Chemical Society (ACS) 2010-2012 (2) Fellow member, International Congress of Chemistry and Environment (ICCE)
	Prof. D. Ashok (1) Member of American Chemical Society
	Dr. M. Vijjulatha (1) Member of American Chemic al Society
	Dr. Raju Jannapureddy (1) Member of Royal Society of Chemistry

- Doctoral/post doctoral fellows.---

30. Seminars/Conferences/Workshops organized and the source of funding (national/ International) with details of outstanding participants, if any.

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31. Code of ethics for research followed by the departments.

All the norms related to ethics committees are followed as per University norms.

32. Student profile course-wise:

Name of the Course	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc Chemistry	6000	55	45	85	90

33. Diversity of students

Name of the Course (refer to Question no.4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc. Chemistry	55	20	5	20
M. Sc Forensic Sciences	60	30	10	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? 10Give details category-wise.

NET	40
GATE	10
SET	35
Other Competitive Examinations	20
Civil Services and Defence Services	10

35. Student progression

Student progression	Percentage against enrolled
Ph.D. to Post-Doctoral	20
Employment: • Campus selection	10
• Other than campus recruitment	30
Entrepreneurs	5

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	65
from other universities within the State	30
from universities from other States	--
from universities outside the country	5

37. Number of faculty who were awarded Ph.D.., D.Sc. and D.Litt. during the assessment period

Nil

38. Present details of infrastructural facilities with regard to

a)	Library	:	Yes (Approx. 11,000 books available)
b)	Internet facilities for staff and students	:	Yes (Broad band high speed Internet Available with Wi-Fi Facility)
c)	Total number of class rooms	:	5 Nos.
d)	Class rooms with ICT facility	:	5 Nos.
e)	Student's laboratories	:	8 Nos.
f)	Research laboratories	:	25 Nos. + 3 Instrumentation Labs + 2 computer labs

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university

b) from other universities.

40. Number of post graduate students getting financial assistance from the university.

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41. Was any need assessment exercise undertaken before the development of new Programme(s)? if so, highlight the methodology.

Yes. Departmental Conferences organized with the UG and PG Teachers to assess the need and challenges faced in implementation of the curriculum. The same is discussed in the Board of Studies. Revision of syllabii, starting of new courses is taken up after due deliberations conducted at various levels.

42. Does the department obtain feedback from Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, the Suggestions from the feedback are utilized to improve any possible academic, administrative management changes if needed.

43. List the distinguished alumni of the department (maximum 10)

Name of the Alumini	Specialization
Prof. K. Nageswar Rao	Physical Chemistry
Prof. P. Sreenivas	Physical Chemistry
Prof. D. Ashok	Inorganic Chemistry , Ex - Registrar, (Telangana University)
Prof. P. Rabindra Reddy	Inorganic Chemistry
Prof. K. Veera Reddy	Inorganic Chemistry ; Vice Chancellor

	(Telangana University)
Prof. C.P. Murthy	Physical Chemistry
Dr. UGK Raju	Physical Chemistry USA
Dr. GVM Sharma	Organic Chemistry, IICT
Dr. G.N. Sastry	Physical Chemistry IICT
Dr. P. Rajender	Organic Chemistry, Astra Zeneca

44. Give details of student enrichment programme (special lectures/workshops/ seminar) involving external experts.

Seminars and workshops are organized. Guest lectures by experts in advances research fields from neighbouring R&D organizations and industry arranged to benefit the students.

45. List the teaching methods adopted by the faculty for different programmes.

(a) Audio Visual

(b) Power point presentation.

(c) Transparencies

(d) Chalk and Boards, charts and models.

(e) Molecular Models

(f) Microsoft Office Excel for programming and for plotting graphs

(All the modes mentioned above are adopted for teaching)

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Specific mentors are assigned based on student needs from among faculty to ensure that the objectives are met. In particular with reference to international students the challenges faced are addressed through mentorship.

47. Highlight the participation of students and faculty in extension activities

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48. Give details of "beyond syllabus scholarly activities" of the department.

The Faculty participate in extension activities at various levels.

- Faculty act as resource persons. Deliver invited talks in teacher training programs and workshops.
- Organize conferences and seminars.
- Publish research articles in National and International journals.
- Train and mentor Ph.D. Students in specific areas, help them to participate and present research papers in National and International Conferences.
- Write, edit and publish chapters of books and Books.

Apart from teaching and research the faculty members have the responsibility of various activities in the functioning of University as Vice-Chancellor, Registrar, directors-controller and additional controller of examinations, academic audit cell, research development and consultancy cell, placement coordinator etc.

- Assignments are given to students in novel method to instill the reference work in the seminar library.
- Training the students in delivering the seminar talks in subject.
- Training in instrumental methods for their application in various fields such as chemical industry, pharmaceutical labs, food, agricultural and clinical analyses.
- Students visit Industry and Research organization to understand the applications of theoretical knowledge and experimental knowledge through training in practical classes.

49. State whether the programme/department is accredited/graded by other agencies? if yes, give details

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50. Briefly highlight the contributions of the department in generating new knowledge, Basic or applied.

Patents filed. Innovative interdisciplinary research carried out by faculty in collaboration with other organizations and Departments. Consultancy programme on Medicinal plants in collaboration with Hetero Drugs.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the dept

Strengths:

Academic curricular Strength:

- Faculty with rich experience and exposure to International Science. Several of the Faculty are Post Doctoral experience in Countries like Germany, USA, UK, Thaiwan, Japan etc.Their experience has contributed to updating the syllabii in content and quality as well as research publications in International Journals, to design new laboratory experiments and include in the curriculum, conduct workshops, seminars and thereby generate human resources in teaching and research(Annexures I and II; List of Publications and conference presentations)
- Proximity to national R&D Organizations that helped in collaborations and dissemination of Information.
- Demand for international students rises every year which helps the exchange programs with foreign academic Institutions from Iraq, Egypt and other Asian and African countries.

Opportunities:

- Osmania University has the presence of huge international student community in which Chemistry Department takes a huge share both at PG

and Ph.D. Program levels. This gives awareness to the students and faculty alike, about the science at International Level.

- Proximity of Osmania University to various pharma and chemical industries by virtue of its geographical location, gives a mutual advantage to the Industry and the outgoing graduates alike. On Campus interviews conducted through the placement cell and Industry directly helped many an alumnus of the Department being induced into the Industry and Academic Institutions.

Challenges:

- Most of the students are from rural, vernacular language background, who need additional training in English Language, Communication skills to enable them to compete in the current, Industrial global job market scenario.
- Lack of Faculty appointments on the superannuation with sufficient number of new recruits which results in a gap between the experienced and inexperienced new recruits.

Weakness:

- Uncertain number of Bandhs, which sometimes affects implementation of academic schedules.
- Absenteeism by steadily increasing number of Students who join the courses with other interests than pursue the academics.

52. Future plans of the department. Finishing schools, certificate program increased levels of collaboration with R& D Labs etc. Memorandum of Understanding with foreign universities with interdisciplinary curricular innovative curricula.

The future plans of the Department are on two fronts.

1. It is proposed to Improve Infra structure of Teaching labs and Research labs by seeking funds from national funding bodies like UGC, DST and others

   By renovating existing facilities and b) by expanding and adding new built up area to enhance academic and research activities.

2. It is proposed to develop new curricula at various levels to suit the needs of the stake holders, the future student community.

   a) Start certificate courses in areas where specialized skills are expected in the Chemical and Pharma Industry

   b) In view of the reported peaking of the Indian youth entering the job market in the age group of 18 – 25 years, in the years 2018-20, it is proposed to design new syllabii, start new Masters programs with MOUs and collaborations with overseas educational institutions, having expertise in any state of the art techniques that may be of future use to develop human resources in the said areas.

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Department of Genetics

1. Name of the Department : Genetics
2. Year of establishment : 1966
3. Is the Department part of a School/Faculty of the university?

   Faculty of Science
4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

   - M.Sc in Genetics
   - M.Sc in Biotechnology (Nodal Department)
   - Ph.D. in Genetics
   - Ph.D. in Biotechnology
5. Interdisciplinary courses and departments involved:

   - Department of Biochemistry involved in teaching Biochemistry paper — Biotechnology
   - Department Statistics Biostatistics paper — Biotechnology
   - Department of English involved in teaching Communication skills
   - Department of Law involved in teaching Entrepreneurship
   - Department of Forensic Science involved in teaching laboratory Practice — Biotechnology
   - CPMB involved in teaching Bioinformatics paper — Biotechnology and Genetics
   - Bioprocess engineering paper — Biotechnology
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:

   Institute of Genetics/ NTR University – Ph.D Course – Medical Genetics
7. Details of programmes / courses discontinued, if any, with reasons:

   Nil
8. Annual/ Semester/Choice Based Credit System:

   Semester/Choice Based Credit System
9. Participation of the department in the courses offered by other departments:

   - Genetics and Population Genetics for M.Sc Forensic Science
   - Biostatistics for M.Sc Biochemistry
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Designation	Sanctioned	Filled
Professor	2	2

Designation	Sanctioned	Filled
Professor	2	2
Associate Professor	5	-
Assistant Professor	3	8

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Designa-tion	Specialization	No. of Years of Experi-ence	No. of Ph.D. students guided for the last 5 years
Prof. PratibhaNallari	M.Sc., Ph.D.	Professor	Human Genetics	30	8
Dr. A. Roja Rani	M.Sc., Ph.D.	Professor	Mamm. Cell Cult. & Anal., Plant Genetics, Plant Tissue Culture &Plant Mol. Biol.	20	6
Dr. SmitaPawar	M.Sc. Ph.D.	Assistant Professor	Human Genetics	14	4
Dr. H. Surekha Rani	M.Sc. Ph.D	Assistant Professor	Human Cytogenetics, Human Molecular Genetics and Immuno-Genetics	9	6
Dr. G. Suman Latha	M.Sc. Ph.D	Assistant Professor	Immunogenetics	3	6
Dr. A. Sandhya	M.Sc. Ph.D	Assistant Professor	Human Genetics	3	--
Dr. S. Prashath	M.Sc. Ph.D	Assistant Professor	Plant Genetics	3	--
Dr. A. Srinivas	M.Sc. Ph.D	Assistant Professor	Plant Genetics	3	--
Dr. S. Someswar Rao	M.Sc. Ph.D	Assistant Professor	Bioinformatics	3	2
Dr. Parveen Jahan	M.Sc. Ph.D	Assistant Professor	Human Genetics	8	--

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

Prof. S. Vishnupriya (Emeritus Fellow) – 2013-15

Prof. P.B. KaviKishor (Basic Science Research Fellow) – 2011-2014

Prof. P.B. KaviKishor, CSIR-Emeritus Professor

Prof. Rambov (Visiting Faculty)

Prof. Dastagiri (Visiting Faculty)
Prof. Ulaganathan (Visiting Faculty)
Prof. V.V. Giri (Visiting Faculty)
Prof. K.V. Rao (Visiting Faculty)
Prof. V.R. Rao (Visiting Faculty) 2016

13. Percentage of classes taken by temporary faculty – programme-wise information:

M.Sc. Biotechnology: 60%
M.Sc. Genetics : 40%

14. Programme-wise Student Teacher Ratio:

8:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

Sanctioned : 39

Filled : 23

16. Research thrust areas recognized by funding agencies:

UGC - CAS-I : Plant Molecular Genetics & Biotechnology

DST – FIST : Diabetes Mellitus

UGC – CAS-II : Epigenomics

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

National:

Sl No	Name of the Teacher	Funding Agency	Title of the Project	Dura-tion	Grant received (Rs.)
1	Prof. T. Padma	DST WOS-A	Risk conferred by tagged SNPs of *AGT* gene in causing susceptibility to Essential hypertension	3 yrs	2321000
2	Prof. KaviKishor	DST	Cloning and characterization of bacterial RNA chaperone genes and their heterologous expression in rice for traits to be impacted by climate change	2014-17	3500000
3	Prof. KaviKishor	CSIR	Evaluation of transgenic rice plants for salt and drought stress tolerance using VVPase and APETALA27 genes	2014-17	1821000
4	Prof. KaviKishor	CSIR	Enhanced production of secondary metabolites in callus, suspension and hairy cultures of *Gloriosasuperba*by elicitation, immobilization and permeabilization	2012-15	1700000
5	Prof. KaviKishor	UGC	Basic Scientific Research Faculty Fellowship	2011-15	1980000
6	Prof. S. Vishnupriya	UGC	Single nucleotide polymorphisms of genes involved in DNA repair, xenobiotic metabolism, multiple drug resistance in	2010-12	1192000

			Acute Myeloid Leukemia-Impact on disease		
7	Prof. S. Vishnupriya	DST – PURSE	A study on the role of JAK2 gene in the development and progression of chronic myeloid leukemia	2012-15	503000
8	Prof. PratibhaNallari	DST – PURSE	Molecular Analysis of Dilated Cardiomyopathy	2012-14	560000
9	Prof. PratibhaNallari	DBT	An insight of sudden cardiac deaths due to Long QT syndrome	2010-13	2562000
10	Prof. PratibhaNallari	UGC	Genetic and Molecular Studies in Uterine Fibroids	2010-13	1095000
11	Prof. PratibhaNallari	ICMR	Epidemiological, Immunological and Genetic studies in Lymphatic Filariasis	2010-12	3012000
12	Prof. PratibhaNallari	DST	Structural and Functional studies of TNNI3 gene variations in HCM	2012-15	4632000
13	Dr. A. Roja Rani	UGC	Genetic transformation and evaluation of peanut (*Arachishypogoea* L.) for drought and salt tolerance using NHX1 gene	2009-11	859000
14	Dr. A. Roja Rani	DST-SERB	Evaluation of anti-proliferative, cytotoxic, and receptor expression analysis by *Acalyphaindica*L. plant extract on breast cancer cell lines MCF-7 for effective drug designing	2013-15	4574000
15	Dr. A. Roja Rani	DST-PURSE	Over expression of Sorghum vacuolar H^+pyrophosphatase (SVP1) to improve salt and drought stress tolerance in Peanut (*Arachishypogaea*L.)	2011-14	600000
16	Dr. A. Roja Rani	UGC-UPE-FAR	Study of Scorpio Venom on diabetes cell lines for specific genes	2014-17	60000
17	Dr. A. Roja Rani	UGC-CPEPA	Enhancement of Biactive Compounds in Hairy Root Cultures of *Andrographispaniculata, Coleus forskohlii and Hemidesmusindicus*	2012-17	800000
18	Dr. Smita C. Pawar	SERB	Elicitation of the Molecular Mechanism Involved in the Down Regulation of Calcineurin and its Role in Cervical Cancer Progression,	2014-2018	54,79,200
19	Dr. Smita C. Pawar	ICMR-DHR	Molecular mechanisms underlying ANGPTL2 dysregulation in the pathogenesis of cervical cancer metastasis	2015-2018	47,84,000
20	Dr. Smita C. Pawar	DBT	Gene therapy for tumor angiogenesis: Elucidation of the molecular mechanisms involved in α6 (IV) NCI mediated angioinhibitory signal transduction	2012-14	3198000
21	Dr. Smita C. Pawar	UGC	Epigenetic profiling and in vitro knock down studies of Transcription factor-TFCP2 with siRNA/ShRNA in hepato-cellular carcinoma in human cell lines	2012-14	1065000
22	Dr. Parveen Jahan	UGC	Analysis of Genetic Variants Related to Immune Regulation and Cytokines in Pre Eclampsia Patients	2010-12	1065000
23	Dr. Parveen Jahan	UGC	Genetic Evaluation and clinical significance of NPHS2 mutations in Indians with Nephrotic Syndrome	2011-13	2341000
24	Dr. H. Surekha Rani	UGC	Pharmacogeneticreponse to strains in Atherosclerosis	2013-16	1384300

25	Dr. G. Sumanlatha	ICMR-DHR	Application of GIS-for mapping TB transmission with molecular characterization of *M. tuberculosis* strains in 5 lakhs population covered by Mahavir TB clinic (PI)	2014-17	3268680
26	Dr. G. Sumanlatha	DBT-CRDF	Identify immunologic markers of persons at highest risk of progression of latent tuberculosis infection to tuberculosis (Co-PI)	2013-16	4684480
27	Dr. G. Sumanlatha	DBT	The importance of innate receptors in susceptibility to tuberculosis infection	2012-15	3093570
Total					**62134230**

Departmental/Interdisciplinary

Sl No	Projects	Duration	Funding Agency	Grant received
1	OU-UPE-FAR Interdisciplinary projects (5 nos)	2012-2017	UGC , New Delhi	Rs.30,00,000/-
2	Epigenomics	2012-2017	UGC-CAS-II	Rs.25,00,000/-

International

Sl No	Name of the Teacher	Funding Agency	Title of the Project	Dura-tion	Grant received (USD)
1	Prof. PratibhaNallari	PVRI – GSK, UK	Genetic Insights of Idiopathic Pulmonary Arterial Hypertension	2012-14	17,628
Total					17,628

18. Inter-institutional collaborative projects and grants received

a) All India collaboration b) International

Sl No	Name of the Teacher	Funding Agency	Title of the Project	Dura-tion	Grant received (USD)
1	Prof. PratibhaNallari	PVRI – GSK, UK	Genetic Insights of Idiopathic Pulmonary Arterial Hypertension	2012-14	17,628
Total					**17,628**

19. Departmental projects funded by:

DST-FIST	Rs.	131.5 lakhs
UGC-SAP/CAS-I	Rs.	100.00 lakhs
UGC-SAP-CAS-II	Rs.	122.00 lakhs
UGC-BSR	Rs.	60.00 lakhs

20. Research facility / centre with

- state recognition : Government Hospitals, NIMS
- national recognition : HCU, ICAR Centers
- international recognition : PVRI UK, Nebraska, USA, Lincoln University, U.K.

21. Special research laboratories sponsored by / created by industry or corporate bodies :NIL

22. Publications:

*	Number of papers published in peer reviewed journals (national / international)	:	National 141 International 86
*	Monographs	:	--
*	Chapters in Books	:	2
*	Edited Books	:	--
*	Books with ISBN with details of publishers		6
*	Number listed in International Database (For *e.g*. Web of Science, Scopus, etc.)	:	Nil
*	SNIP	:	0.849
*	SJR	:	874.25
*	Citation Index – range / average	:	4 to 163 / 42
*	Impact Factor – range / average	:	0 to 35.53 / 2.3
*	h-index	:	4.6

23. Details of patents and income generated : 3

24. Areas of consultancy and income generated : 2 (CPMB – 2, PBK – 1)

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad :

Dr. Smita C. Pawar - awarded BOYSCAST fellowship for training in advanced research in USA

Prof. A. Roja Rani - awarded Post Doctoral Raman Fellowship

26. Faculty serving in:

a) National committees	Prof. P.B. KaviKishor
b) International committees	Nil
c) Editorial Boards	Prof. PratibhaNallari – 6 (Open Journal of Genetics ; African Journal of Pharmacy and Pharmacological Research ; International Journal of Human Genetics-India ; ICFAI Journal of Genetics and Evolution ; Journal of clinical research ; Int J Mol Epi & Gen) Prof. S. Vishnupriya – 2 Prof. P.B.KaviKishor – 2 Dr. H. Surekha Rani – 2 (Journal of Bioscience and medicine ; Journal of Analytical Bioscience)
d) any other	Nil

27. Faculty recharging strategies : --

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects:

  50
- percentage of students doing projects in collaboration with other universities / industry / institute :

  50

29. Awards / recognitions received at the national and international level by

- **Faculty:**

  Best Teacher Award -Red Cross society,Telanagana- Prof. A. Roja Rani 2016

- "**Bharat Gaurav Award**" along with Certificate of Excellence by India International Friendship Society, New Delhi.-Prof. A. Roja Rani 2016
- State Best Young Teacher Award –Telangana. State Government - Dr. Smita C. Pawar– 2016
- Awards / distinctions received by the teacher

Name of the teacher	Name of the Award	International/ National / State level	Nature of award
Prof.A.Roja Rani	Best teacher award	State level	Red Cross Society
PratibhaNallari	BharathaMahila Shiromani Award'	National Level	
Dr. Smita C. Pawar	Best Teacher Award	State government of Telangana	Award in recognition of outstanding teachers in the state
Dr. Smita C. Pawar	EMBO Travel award	International	Travel award for presentation

- Life-time Achievement Gold Medal and a Citation, Association of Biotechnology and Pharmacy, 2014.
- Prof. P. Maheswari Gold Medal and a Citation, Indian Botanical Society, 2014.
- Best Teacher Award - A.P. State Government - Prof. PratibhaNallari – 2012
- 'SadhanaSpoorthy-Mother Teresa Award' - Sri Lalitha Cultural Association - Prof. PratibhaNallari - 2013
- 'SarvepallyPuraskar' - Awardee Teachers Association - Prof. PratibhaNallari – 2013

- 'National Integration Award' - Health Care International, India – Prof. PratibhaNallari - 2013
- Fellow of the National Academy of Science – Prof. P. B. KaviKishor - 2010
- Fellow of the National Academy of Agricultural Sciences – Prof. P. B. KaviKishor - 2010
- Fellow of the A.P. Akademi of Sciences – Prof. P. B. KaviKishor - 2008
- Best Teacher Award - A.P. State Government - Prof. P. B. KaviKishor - 2008

- **Doctoral/post-doctoral fellows:**
  - Dr. Roja Rani - Raman Fellowship for Post Doctoral Research 2013-2014 for Indian Scholars in US
  - Dr. Smita C. PawarAwarded BOYSCAST fellowship for training in advanced research in USA
  - Kiranmayee Rao, Kothari Fellowship, 2013
  - BhuvaneshwariCh, Kothari Fellowship, 2013
  - Dr. Roja Rani - Raman Fellowship for Post Doctoral Research 2013-2014 for Indian Scholars in US
  - Dr. G. Padma, Woman Scientist, 2013
  - Dr.PrasannaLatha, Women Scientist, 2013
- **Students**
  - Best Poster presentation In silico activity profiling of flavonoids and isoflavonoids in substratecompetitive inhibition of SULT1A1 in breast cancer – 2013- SugunakarVuree -First International and Third National Conference on Biotechnology, Bioinformatics and Bioengineering,Tirupati, A.P, India
  - Best Poster Presentation:Association of Sipa1 gene (+545 C>T) polymorphism in Breast cancer. Phanibhusan.M, GENOMICS- 2013. - Acharya Nagarjuna University (A.N.U.), Nagarjuna Nagar, Guntur (dist.), A.P, India.
  - Best Oral Presentation (2013) Mitochondrial mediated apoptotic pathway in the development of Acute myeloid leukemia. C.AnuradhaGENOMICS-2013-Acharya Nagarjuna University (A.N.U.), Nagarjuna Nagar, Guntur (dist.), A.P, India.
  - Best Oral Presentation : "Idiopathic Pulmonary Arterial Hypertension associated with heart failure", PGIMER, Chandigarh, 2013 – K.L.Chaitra
  - APBioNet-ORAP travel fellowship (Singapore-2012) – S. Anil Kumar
  - Bioclues Innovation Research Award-2012 (special mention award) – S. Anil Kumar
  - Gold medal for best poster presentation (Advances in Plant Sciences India-2012) – S. Anil Kumar
  - APBioNet-ORAP travel fellowship (Singapore-2012) – P. HimaKumari

- Gold medal for Young scientist for oral presentation (Advances in Plant Sciences India-2012) – P. HimaKumari
- Bioclues Innovation Research Award-2012 (special mention award) – P. HimaKumari
- Best Poster Award "Cardiovascular Research Convergence", All India Institute of Medical Sciences (AIIMS), New Delhi - Gayathri R - 2012.
- Best Poster: National Conference On Biomarkers For Diseases- Prospects and Challenges – Ms AsraTabassum 2012
- Best Poster: National Science Day Celebrations, Current Trends in Biology, Dept of Physics, OU – Ms AsraTabassum 2012
- Best poster award for a poster entitled "The role of gene polymorphism in PCOS and its impact onfertilityand long term complications" – Ms. MLN Deepaka - 2012
- Special prize for oral presentation on a talk entitled "Familial Background Of Complex Diseases In PcosProbands of South Indian Population" - Ms. MLN Deepaka - 2012
- Young Scientist Award for best oral presentation (Andhra Pradesh Akademi of Sciences-2011)
- Best Poster award for a poster entitled "Association of FOXP3 A>C Promoter polymorphism with Vitiligo Susceptibility- A study from India", ICMG-MsRajeshwari - 2011
- Best Poster Award by Second World Congress on Cancer, G. Manjula- 2010
- Best Poster Award by the Indian Society of Human Genetics (ISGH), Ms. Anuradha- 2009
- Best Research Paper Published in the Journal of Cell and Tissue Research – Dr. D. Surekha (2008), Dr. D. Nageswara Rao (2010)Young Scientist

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl No	Conference details	Source of funding	No. of papers presented	No. of participants
1.	National Symposium on Perspectives of Genomics and Epigenomics (31st August, 2012)	UGC CAS, DST PURSE, OU-DBT ISLARE, OU-UGC.	4	425
2.	National Symposium on Trends in Genetics (30 th March, 2010)	UGC	6	200
3.	National Symposium on Perspectives of Genomics and Proteomics (30-31st January, 2009)	UGC, APCOST	70	300
1	International Workshop on Functional Genomics: Hands on Training in RT PCR, Microarray, NGS and Data Analysis	DBT, SERB, ICMR, INSA,TSCHE, UGC, CAS, UPE,	20	25

31. Code of ethics for research followed by the departments :

- No manipulation of Data/Plagiarism, Quality Research and encouraging researchers to publish in peer reviewed journals with high impact factor.
- Ph.D Viva Voce is conducted
- Internal standards are maintained
- Principles of essentiality
- Principles of voluntariness, informed consent and community agreement
- Principles of non-exploitation
- Principles of privacy and confidentiality
- Principles of precaution and risk minimisation
- Principles of professional competence
- Principles of accountability and transparency
- Principles of the maximisation of the public interest and of distributive justice
- Principles of institutional arrangements
- Principles of public domain
- Principles of totality of responsibility
- Principles of compliance

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc. Genetics		14	15	100	100
M.Sc. Biotechnology		14	22	100	100

33. Student profile course-wise: 2014-16

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc. Genetics		9	8	100	100
M.Sc. Biotechnology		18	22	100	100

34. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc. Genetics	50	35	5	10
M.Sc.Biotechnology	40	33	5	22

35. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

ICMR SRF	11	CSIR SRF	3
UPSC	1	APPSC	5
AP-SET	8	NET	21
ICMR-SRF	11	GATE	4

36. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	40
Ph.D. to Post-Doctoral	10
Employed • Campus selection • Other than campus recruitment	 5 15
Entrepreneurs	10

37. Diversity of staff

Percentage of faculty who are graduates	
of the same university	80
from other universities within the State	10
from universities from other States	10
from universities outside the country	Nil

38. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period: Two

39. Present details of infrastructural facilities with regard to

a) Library : Catalogue – OPAC in progress, Internet Faculty & Photo copiers

b) Internet facilities for staff and students : Yes

c) Total number of class rooms : 4 Class Rooms

d) Class rooms with ICT facility : 4 Class Rooms

e) Students' laboratories : 7 Laboratories

f) Research laboratories : 10 Laboratories

40. List of doctoral, post-doctoral students and Research Associates

a) from the host university : Nos. of Ph.D's. 22 – Postdoctoral 2

b) from other universities : 5

41. Number of post graduate students getting financial assistance from the university :

80% - Scholarschips from Social Welfare Department, Govt. of A.P.

42. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :

As per the University policy, need based programmes – Modalities work up in the staff meeting followed by BoS, Dean, College of Science & Academic faculty approval, then finally Standing Committee approval.

43. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, feedback from faculty is given due weightage whenever revision of syllabi takes place.

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, feedback from students is considered proactively in improving the teaching-learning-evaluation processes.

c. alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes, utilizes in improving the infrastructure and course content.

44. List the distinguished alumni of the department

1.	Dr. Kommaraiah	South Alabama University, USA
2.	Dr. D.V. Maithali	Novartis – Denmark
3.	Dr. K. Shivani	Novartis – Denmark
4.	Dr. K. Surjana	Asst. Prof. Andhra University
5.	Dr. Nageshwara Rao	Asst. Prof. Sashtra University, Tanjevur
6.	Dr. B. Ushashree	PDF Chicago
7.	Dr. Deepa Selvi Rani	Technical Assistant, CCMB
8.	Dr. K. Lakshmi Rao	University of Florida, USA
9.	Dr. Iravathi Goud	Appollo Hospitals, Hyderabad
10.	Dr. Santosh Kumar Tiwari	Novartis, Hyderabad

45. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Specialized lectures, Updates of Knowledge Park, Participation in Seminar, Technology developed – interaction with technical tem of various firms.

46. List the teaching methods adopted by the faculty for different programmes.

LCD, OHP, additional information by latest articles & Black Board, updates of literature, latest articles on the subject will be given additionally, latest updates on the new equipment and its applications.

47. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Inter faculty discussions on the updates of subjects, practical improvement protocols with modification in view of the infrastructure development.

48. Highlight the participation of students and faculty in extension activities.

Participation in extracurricular activities like NCC, Sports, interactive sessions

49. Give details of "beyond syllabus scholarly activities" of the department.

Students participation and paper presentations in conferences, seminars and workshops on various National Scientific Programmes

50. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Graded for quality research, funding from various funding agencies UGC, CSIR, DST, DMT, ICMR, APCOST etc.

51. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Development of biomarkers for disease diagnosis, risk prediction, and therapeutic responses etc.

Stress biology

Evaluating oxidative stress and their modifier effect in etiopathogenesis of human diseases like hypertension, Cardiomyopathy, breast cancer, leukemia, idiopathic pulmonary arterial hypertension, cataract, myopia, diabetes, rheumatoid arthritis etc.

In addition, biochemical mechanism of salt, drought, metal and pathogen stress is also focused. Transgenics for abiotic stress and low lignin content in pulpwood species are being developed.

Genomics

- Screening for mutations in candidate genes responsible for disease pathogenesis in hypertension, Cardiomyopathy, breast cancer, leukemia, idiopathic pulmonary arterial hypertension, cataract, myopia, diabetes, rheumatoid arthritis.
- Genotype and phenotype correlation in evaluation of functional significance of chosen markers.
- Isolation of cDNA and genomic clones related to abiotic stress in plants and also characterization of their 3' and 5' UTRs and promoters.

Proteomics

- Isolation and identification of proteins related to stress biology using 2 dimensioanl gel electrophoresis.
- Immune responses in filariasis through proteomics.
- Clinical management of drug resistance in cancer therapy through RT PCR analysis of candidate genes and also characterization of proteins.

Plant Genetics:

- New Pathway for Proline Biosynthesis, Identification and Mapping of $Na^+$and K^+ Transporter Genes in Rice for Stress Tolerance.
- Development of Drought and Salt Tolerant; and Fungal Resistant Transgenic Chickpea, Tomato, Rice, Niger, Sorghum, Pearl Millet, Groundnut
- Secondary Plant Products like Plumbagin, Berberin, ForskolinDiadzein, Withaferin A, Withanolide A of Pharmaceutical Importance Enhanced Significantly Using *In Vitro* Techniques
- Down-regulation of Lignin in Biosynthetic Pathway Genes CAD, CCR, Cald-5H to Decrease Lignin and Increase in Cellulose

Offshoots: Microbiology, CPMB, Institute of Genetics, Bioinformatics Nodal, M.Sc Disability study – NIMHANS

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

Provided maximum number of Research Fellowships

Attracted huge funds from various funding agencies

Publications in peer reviewed journals

Governing council nominees for state higher education and APPSC

Placements – National and International

Editorial Board members – Various International and National Journals

Reviewers for National and International journals

Members for National and International Society

Associate editors for International journal

Reviewers for National funding agencies

International / National collaborations

Chairpersons for International conferences - Heart Research Society

Weaknesses:

Faculty inadequate

Annual maintenance of Equipment – No Funds

Inadequate Technical Staff – Instrumentation

Lack of communicative skill, training programme and subject recognition at State/National level – Job opportunities lacking.

Lack of Faculty improvement programmes and subject reorganization

Opportunities:

Placement National/International organization

International: USA, Germany, Spain, England, Sweden, Australia, Korea, Singapore, Taiwan, Malaysia and other countries

National : IISc, BARC, TIFR, NCBS, CCMB, CDFD, NIN, VIMTA Labs, Ranbaxy, Reddy Labs, GVK Bio, Shantha Biotech, Arabindo Pharmaceuticals, Novartis Pharmaceuticals, Hindustan Lever Ltd., Seed

Companies such as DuPont, MAHYCO, JK seeds, Vibha Seeds, Corporate Hospitals, Biotech Companies, Universities, Engineering Colleges, Degree Colleges, Banks, High Schools etc.

Challenges:

Meet the demands of Crop Improvement

Disease diagnosis and identification

Pharmaceutical intervention

Competing with National/International Organization

Bioactive compounds identification from drug designing

52. Future plans of the department. Infrastructure development

- Infrastructure development
  - Cell lines culture facility established under CAS II
  - Modular lab – DST FIST developed
  - TEM analysis, Electrophysiology studies- patch clamp proposed
- Develop and enhance human resources.
- Become an integral part of health care system through genetic research.
- Solve the problem of food and agriculture through plant biotechnology approaches.
- To help organizations/institutions by provided expert services at the National and International level.

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Department of Geography

1. Name of the Department : Geography
2. Year of establishment : 1942
3. Is the department part of a school/faculty of the university?

   Yes, part of Faculty of Science
4. Name of programmes/ courses offered (UG, PG, M.Phil, Ph.D, Integrated Masters, Integrated Ph.D, etc):

   M.Sc Geography

   M.ScGeoinformatics

   P.G Diploma in Geographical Cartography

   Ph.D in Geography
5. Interdisciplinary courses and departments involved:

   Department is part of UPE lab CART (ES) along with other Earth Science Departments
6. Courses in collaboration with other universities, industries, foreign institutions,etc

   Ph. D. Research guides from CESS(ICSSR)
7. Details of programmes/courses discontinued, if any, with reasons: --
8. Annual/Semester/Choice Based Credit System:

   Semester System with continuous evaluation under CBCS
9. Participation of the department in the courses offered by other departments

   Students take Interdisciplinary Courses offered by other Science Departments
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst.Professors)

Positions	Teaching Faculty			Non-Teaching	Technical
	Prof.	Assoc. Prof.	Assist. Prof.		
Sanctionedby the State Govt.	3	7	11	7	5
Recruited	3(CAS)	1(CAS)	3	4	--
Yet to recruit	3	7	4	3	5

11. Faculty profile with name, qualification, designation and specialisation (D.Sc. /D.Litt. / Ph.D. /M.Phil. etc.)

Name	Qualifi-cation	Desig-nation	Specialization	No. of years of Experience	No. of Ph.D. students guided for the last 5 years
Prof. KalpanaMarkandey	M.A., M.Phil, Ph.D	Professor	Urban Geography, GIS	34	1
Prof. S. Simhadri	M.A., M.Phil, Ph.D	Professor	Development Studies, Social Geography	29	3
Prof. A. Kamalakar Reddy	M.A., Ph.D	Professor	Agricultural Geography and Rural Studies	29	3
Prof. B. Laxmaiah	M.A., M.Phil, Ph.D	Professor	Urban and Social Geography	28	2
Prof. S. Ramakrishna	M.A., M.Phil, Ph.D	Professor	Economic Geography	24	1
Prof. A.V. Shashikala	M.A., M.Phil, Ph.D	Professor	Agricultural Geography, Environmental Geography	24	2
Prof. C. Venugopal Rao	M.Sc., Ph.D	Professor	Urban & Environmental Geography	24	1
Dr. B. Srinagesh	M.A., Ph.D	Associate Professor	Urban Geography	14	--
Dr.L. Ashok Kumar	M.A.	Assistant Professor	Urban Geography	09	--
Dr. K. Narayan Reddy	M.A., Ph.D	Assistant Professor	GIS and Urban Geography	06	1
Dr. A.C. Omkar	M.A., Ph.D	Assistant Professor	Agricultural Geography, Regional Studies	06	1
Dr. T. Anuradha	M.A., M.Phil, Ph.D	Assistant Professor	Agricultural Geography	06	--
Dr. Md. Akhter Ali	M.A., Ph.D., PGDip	Assistant Professor	Urban Geography	04	--

12. List of senior Visiting fellows, faculty, adjunct faculty, emeritus professors:

Emeritus Professors: Prof. S. Padmaja (2013-2015)

Emeritus Professor: Prof.VijayaBhole (2016-2018)

13. Percentage of classes taken by temporary faculty-programme-wise information:

M.Sc Geography	:	15
M.ScGeoinformatics	:	20
PG Diploma in Geographical Cartography	:	20

14. Programme- wise student teacher ratio:

M.Sc Geography	:	10:1
M.ScGeoinformatics	:	10:1
PG Diploma in Geographical Cartography	:	10:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Post	Budgeted	Filled
Technical	4	2
Administrative	1	--
Supportive	4	--
Contract	--	6

16. Research thrust areas recognized by funding agencies:

Urban Geography

Geoinformatics

Development Studies and Regional Planning

Environmental Studies

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) total grants received, give the names of the funding agencies and grants received project-wise.

Name of the Investigator	Title of the Project and Duration	Amount Sanctioned (in Rs.)	Funding Agency
Prof. S. Padmaja	Demographic Studies of Sherpalle area, the proposed site for uranium processing site in Nalgonda District (AP) 2009-2012	29,90,000	BRNS/ BARC
Prof. S. Padmaja	Demographic Survey of the area around Lambapur – Peddagattu uranium mining site in Nalgonda District (AP) 2009-2012	29,90,000	BRNS/ BARC
Prof. KalpanaMarkand	Inclusive Cities in an Era of Globalization (A Case for a	9,18,000	UGC

ey	Shelter Program for Hyderabad) 2006-2009		
Prof. KalpanaMarkandey	'Establishing a Geo- Spatial Science Research and Education Laboratory' 2011-2013	20,00,000	DST
Prof. A.V. Shashikala	Geographic Study of impact of climate change on Agricultural Productivity in Andhra Pradesh (2012-2014)	9,44,600	UGC
Dr. B. Srinagesh	Globalization, Climate Change and its impact on Health: Health Mapping of Andhra Pradesh2010-2013	10,00,000	UGC
Prof. S. Simhadri	The other Backward Classes: Exclusion, Empowerment and Modernization 2013-2015	50,00,000	ICSSR

18. Inter –institutional collaborative projects and grants received

a)All India collaboration: ICSSR Project Rs. 50 lakhs.

b)International: Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc; total grants received.

UGC CAS Phase I: Rs. 95, 00,000sanctioned (2013-2018)

DST-FIST: Rs. 46, 00,000 (2014-19)

20. Research facility/centre with

- State recognition - Nil
- National recognition - UGC Centre for Advanced Study-I
- International recognition - Nil

21. Special research laboratories sponsored by /created by industry or corporate bodies:

Nil

22. Publications:

*	Number of papers published in peer reviewed journals (national / international)	:	National 50 International 22
*	Monographs	:	20
*	Chapters in Books	:	64
*	Edited Books	:	25
*	Books with ISBN with details of publishers		9 - ISBN: 978-3-659-86396-7
*	Number listed in International Database	:	--

	(For *e.g.* Web of Science, Scopus, etc.)		
*	Citation Index – range / average	:	Over 1200 Citations
*	SNIP	:	--
*	SJR	:	--
*	Impact Factor – range / average	:	--
*	h-index	:	--

23. Details of patents and income generated - Nil

24. Areas of consultancy and income generated: Urban Flooding- Rs. 5,000

25. Faculty selected nationally /internationally to visit other laboratories in india and abroad: (2)

26. Faculty serving in

a) National committees – 2
b) International committees - 2
c) Editorial boards - 5
d) Any other(please specify) - --

27. Faculty recharging strategies: Orientation and Refresher courses, Workshops

Faculty members regularly attend Orientation and Refresher courses, Workshops to update pedagogical methods and recent trends in the subject.

28. Student projects

- Percentage of students who have done in –house projects including inter-departmental projects - 90
- Percentage of students doing projects in collaboration with other universities/industry/institute- 10

29. Awards /recognitions received at the national and international level by

6 National & International recognition/awards received by faculty in past 5 Years.

Prof. Kalpana Markandey

- Regional Development and Planning Specialty Group (RDPSG) Enrichment Award by American Association of Geographers, San Francisco, USA, March, 2016.
- Member, International Board of Directors, Asian Urban Research Association, 2013-2015.
- Geography Teacher Award by Deccan geographical Society of India at Udaipur in October 2015.

Prof. C. Venugopal Rao

- 'Edupreneurs Award 2013' for contribution in positioning India as an emerging destination for higher technical education by attracting Foreign Students to Osmania University, Edupreneurs' Conclave, organized by Engineering Watch, New Delhi. (As Director, UFRO, O.U)

- 'Vidya Shiromani Awardee' by Citizen's Council of Telangana (CCTG), a Social Service Organisation on the eve of 61st Teachers Day Celebrations, on 5th Sept, 2015, Hyderabad.

Dr.B.Srinagesh

- Associate Professor awarded UGC-Research Awardee (PDF) 2014-2016.

Dr.S.Padmaja:

- Professor of Geography awarded Emeritus Fellowship from UGC, 2013-2015.

Dr.VijayaBhole

- Professor of Geography awarded Emeritus Fellowship from UGC, 2015-2017.

National and International Recognition /Awards Received by the Department of Geography

1. President of India MedalFor the Department's Research Work on "*Planning Atlas of Andhra Pradesh",* which attracted the attention of planning authorities of other States and many of them attempted to emulate the model set by the A.P. Planning Atlas.
2. Centre for Advanced Study by UGC, New Delhi from 2013-2017
3. DST-FIST (2013-2017)

Student Fellowships:

2011-16 RGNF fellowship

S.No	Name of the Scholar	Fellowship
1.	D.SriPriya	RGNF (2011-12)
2.	B.RameshNaik	RGNF (2011-12)
3.	K.Jhansi	RGNF (2011-12)
4.	N.Prabhavathi	RGNF (2011-12)
5.	N.Sridhar	RGNF (2011-12)
6.	Kranthi Chandra	RGNF (2012-13)
7.	N.Venkateshwarlu	RGNF (2013-13)
8.	J.Madhavi	RGNF (2013-14)
9.	Edukondalu	RGNF (2013-14)
10.	Y.Saidulu	RGNF (2013-14)
11.	G.Narsimha Rao	RGNF (2013-14)
12.	G.Sadanandam	RGNF (2013-14)

2012-13 RFSMS fellowship

S.No	Name of the Scholar	Fellowship
1.	Ch.Bixapathi	RFSMS (2012-13)

2.	P.Nagesh	RFSMS (2012-13)
3.	Sanjay Naik	RFSMS (2012-13)
4.	I.V.Premlatha Wesley	RFSMS (2012-13)
5.	Sanjay Naik	RFSMS (2012-13)
6.	J.Lavanya	RFSMS (2013-14)
7.	Ch.LathaPrasoona	RFSMS (2013-14)
8.	G.Ambedkar	RFSMS (2013-14)
9.	K.Keerthana	RFSMS (2013-14)
10.	K.Sudarshan	RFSMS (2013-14)
11.	Ch.Uday Kumar	RFSMS (2014-15)
12.	L.RameshNaik	RFSMS (2014-15)
13.	B.Rama	RFSMS (2014-15)
14.	N.Murali	RFSMS (2014-15)
15.	Bhagyaiah	RFSMS (2014-15)
16.	B.Harish	RFSMS (2015-16)
17.	N.SaidaNaik	RFSMS (2015-16)
18.	N.Srinivasu	RFSMS (2015-16)
19.	K.Rajesh	RFSMS (2015-16)
20.	Ch.Murali	RFSMS (2015-16)

2014-15 (NON-NET fellowship)

S.No	Name of the Scholar	Fellowship
1.	K.Padmaiah	Non-NET (2014-15)
2.	K.Venkat Reddy	Non-NET (2014-15)
3.	A.Venu Kumar	Non-NET (2014-15)

2014-15 (DST-INSPIRE fellowship)

S.No	Name of the Scholar	Fellowship
1.	G.Rakesh	2014-15
2.	Md.Vasim Ansari	2015-16

a) Percentage of students who have done in-house projects including inter-departmental projects: 100%

Percentage of students doing projects in collaboration with other universities / industry/institute

M.Sc. Geoinformatics students have the support of various National Institutes like NRSC(ISRO), ICRISAT & Survey of India

b) National and international recognition received by the faculty from reputedprofessional bodies and agencies.

30. Seminars/conferences/workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

11th Asian Urbanization Conferenceorganized by the Dept of Geography(December 2011) was funded by Ministry of Earth Science, GOI; Ministry of Urban Development (Government of India), Indian Council of Medical Research, Department of Science and Technology (NRDMS & SERC), Council of Scientific and Industrial Research, National Geophysical Research Institute, Indian Space Research Organization, Indian Council of Social Science Research, Andhra Pradesh State Council of Higher Education, Andhra Pradesh State Council of Science and Technology (APCOST), State Bank of Hyderabad, Osmania University Branch. International scholars from USA, Iran, Bangla Desh, Indonesia, Hong Kong, and France participated in this conference. Scientists from Research Institutes both in India and abroad like IIT Delhi, IIT Roorkee, Indian Council of Historical Research, Bengaluru, Tata Institute of Fundamental Research, Mumbai, Indian Institute of Management, Bengaluru, National Defence Academy, Khadakavasala, Indian Institute of Remote Sensing, Dehra Dun, National Remote Sensing Centre, Hyderabad, Birla Institute of Technology, Ranchi, IIPS, Mumbai, United Nations Program, Bangkok, Illinois Institute of Technology, Chicago also contributed significantly to the conference. Government officials from the Central, State Government, like Ministry of Urban Development, Government of India, Ministry of Railways, Government of India, Greater Hyderabad Municipal Corporation also constituted a sizeable proportion of the attendees.

31. Code of ethics for research followed by the departments:

- Regular Research Seminars for studends
- Field based study and critical analysis
- Regulation for checking plagiarism

32. Student profile course-wise:

Name of the course (refer to question no .4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc Geography		20	12	87	90
M.ScGeoinformatics		17	13	80	85
PG Diploma in Geographical Cartography		7	4	88	90

33. Diversity of students

Name of the course (refer to question no .4)	% of students from the same university	% of students from other universities within the state	% of students from universities out side the state	% of students from other countries
M.Sc Geography	70	15	10	5
M.ScGeoinformatics	65	15	10	10
PG Diploma in Geographical Cartography	80	15	5	Nil
Ph.D in Geography	77	10	5	8

34. How many students have cleared civil services and defence services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

1. Mohan Babu - IRS
2. Hebshiba Rani- IAS
3. Rajashekar – Excise Department
4. Venudhar-IRS
5. Krishnaveni-RTA officer

JRF: 05

NET: 15

SET: 22

35. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	20
Employed • Campus selection • Other than campus recruitment	 -- 60
Entrepreneurs	9

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	80
from other universities within the State	10
from universities from other States	10
from universities outside the Country	-

37. Number of faculty who were awarded Ph.D., **Dr.L.Ashok Kumar (2014)**

38. Present details of infrastructural facilities with regard to

A) Library : Seminar Library with 6000 Books/worth Rs.12 lakhs

B) Internet facilities for staff and students : Yes with wifi facility

C) Total number of class rooms : Classrooms – cum- labs present (7)

D) Class rooms with ICT facility : 2 Classrooms – cum- labs have ICT

E) Students' laboratories : 7

F) Research laboratories : 1) Advanced Spatial Information Technology lab

2) Geomatics lab

39. List of doctoral, post-doctoral students and Research Associates:

A) From the host university: (List enclosed)

B) From other universities

L.RameshNaik, Ph.D Scholar
Murali Chinta, Ph.D Scholar
Saida Naik, Ph.D Scholar
MdVasim Ansari, Ph.D Scholar
Varsha Rani Singh, Ph.D Scholar

40. Number of post graduate students getting financial assistance from the university

95%

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. N/A

42. Does the department obtain feedback from

A) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? -Yes-

Board of Studies meetings is held regularly with external members to discuss, evaluate and decide on changes in curricular and teaching learning practices. Proper updating and/or modification in syllabus are made in accordance with the comments and suggestions. Two new courses have been introduced in 2016.

B) Students on staff, curriculum and teaching –learning –evaluation and how does the department utilize the feedback?-Yes-

The department has **Student-Faculty Academic Committee** constituted by HOD, the senior and junior most teachers and the class representatives. They meet occasionally and discuss matters pertaining to curriculum, teaching and other related practices.Curriculum as well as teaching methodology are updated and improved as per feedback from the students.

Two add-on courses have been introduced in the last 4 years.

C) Alumni and employers on the programmes offered and how does the department utilize the feedback?-Yes-

We receive feedback from employers and necessarychanges incurriculam are made.The Department has no formal mechanism to obtain feedback from alumni.

43. List the distinguished alumni of the department (maximum 10)

Prof. Shah ManzoorAlam (former Vice Chancellor, University of Jammu)

Prof.Afzal Mohammed (former Vice Chancellor,Ambedkar Open University, Hyderabad)

Prof. VLS Prakash Rao, Director, CESS

Prof. S.Padmaja, Professor Emiritus

Prof. VijayaBhole, Professor Emiritus

Dr.Ravi Shankar, SG-Divisional Head, NRSC-ISRO

Dr.Raza Moosvi, Registrar, EFLU Central University

Dr.Padmanabha Rao, Registrar, CESS

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts. (Expert lecturers under CAS-I)

1. Prof.Sivagnanam, Madras University, Chennai
2. Prof. Sheela Prasad, Hyderabad central University
3. Ravi Shankar,Head, Land Use Division, NRSC-ISRO
4. Prof.Savindra Singh, Allahabad University
5. Dr. Priya Narayanan, Karnataka Central University

45. List the teaching methods adopted by the faculty for different programmes.

Traditional, Audio Visual, ICT Based, Software based

46. How does the department ensure that programmes objectives are constantly met and learning outcomes are monitored?

Regular feed back and continuous monitoring and evaluation

47. Highlight the participation of students and faculty in extension activities.

Awareness programmes in Hyderabad slum areas on pollution&Swach Bharat

Geo-map quiz programme in schools of Hyderabad city

48. Give details of "beyond syllabus scholarly activities"of the department.

Conducted National Seminar in collaboration with CESS, 2015

Cultural & Sports Events like Annual Function

Annual Reunion where special talents of students are presented

49. State whether the programmes/department is accredited/graded by other agencies? If yes, give details.

UGC-CAS, DST FIST

50. Briefly highlight the contributions of the department in generating new Knowledge, basic or applied.

a. Faculty and Research Scholars by using the available GIS Techologyproduced several research papers &completed Research projects.

b. The Department publishes two Journals for students, research scholars & facultyi.e; **Journal of Spatial Science (ISSN 0794-7125)** and **Journal of Urban and Regional Studies(ISSN No.2350-1162)**.

c. Special Lectures are held in the Department. The Department endeavours to disseminate specialised knowledge presented by renowned academicians as speakers.

d. The Department has been striving to incorporate advanced techniques into the syllabus which strengthens dissemination of new knowledge – like Remote Sensing and GIS, use of Statistical Softwares and new qualitative research methods.

e. The Department updates its syllabus periodically and introduces new courses/prgramme which are need based like introduction of M.ScGeoinformatics in 2005.

51. Detail any five strengths, Weakness, Opportunities and Challenges (SWOC) of the department.

Strengths	Weaknesses	Opportunities	Challenges
Competent Senior Professors& other faculty	Less number of permanent faculty members	Jobs in Geoinformatics and Geomatics industry with enormous potential	To keep students focused on subject and utilization of GIS resources in the department
Abundance of GeoinformaticsInfrastructure (CAS-I & DST-FIST	Space constraint for Library, labs	Scope to attract more Foreign Students	To optimize teaching and research

funding)	& teaching work		resources available in the dept.
Centenary University and locational strength of Hyderabad as IT City	Attracting good students to pursue career in Geography.	Institution-industry collaboration for research and placements	To attract students from all over the India.

52. Future plans of the department.

To expand the infrastructure for students and scholars:

- Improve classroom facilities by creating more space
- Provide state-of-the-art teaching aids
- Provide terminals and space to individual full-time scholars for independent working
- Provide training facilities for relevant softwares and other state- of -art GIS technology to students of other disciplines and outside professionals

To organise more interactions among researchers and academicians through seminars and workshops.

To sign MOU withIndian and Foreign universities and to conduct collaborative Research.

Department has been sanctioned Centre for Advanced Study-I by UGC and DST-FIST Program Level I Phase II in 2013, it plans to carry these programs to their fruition and further advance into next level.

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Department of Geology

1. Name of the Department : Geology
2. Year of establishment : 1934
3. Is the Department part of a School/Faculty of the University?

   Yes, Faculty of Science
4. Name of Programmes/Courses offered:

   a) M. Sc in Geology
   b) Ph.D in Geology
   c) P.G Diploma in Groundwater Resource Evaluation-One year Programme
   d) Post P.G. Diploma in Geoinformaticsin Earth Science in collaboration with Geological Survey of India Training Institute (GSITI), Hyderabad -One year Programme
5. Interdisciplinary courses and departments involved: -- Nil–
6. Courses in collaboration with other universities, industries, foreign institutions, etc:

   Post P.G. Diploma in Geoinformaticsin Earth Science in collaboration with Geological Survey of India Training Institute (GSITI), Hyderabad -One year Programme
7. Details of Programmes/Courses discontinued, if any, with reasons:Nil
8. Annual/Semester/Choice Based Credit System:Semester System with CBCS.
9. Participation of the department in the courses offered by other department: Nil
10. Number of teaching posts sanctioned and filled:

Designation	Sanctioned	Filled
Professor	7	4
Associate Professor	10	1
Assistant Professor	11	1

11. Faculty Profile with Name, Qualifications:

S. No.	Name	Quali-fication	Designation	Specialization	No. of years of expe-rience	No. of Ph.D. students for the last 5 years
1.	Prof. J. Ratnakar	M.Sc., Ph.D.	Professor	Igneous Petrology and Geochemistry	30	02

S. No.	Name	Quali-fication	Designation	Specialization	No. of years of expe-rience	No. of Ph.D. students for the last 5 years
2.	Prof. M. Narsimha Reddy	M.Sc., Ph.D.	Professor	Petrology and Geochemistry	30	02
3.	Prof. M. Muralidhar	M.Sc., Ph.D.	Professor	Hydrogeology	29	04
4.	Prof. A. Narsing Rao	M.Sc., Ph.D.	Professor	Mineral Exploration, Environmental Geology and Remote Sensing & GIS	29	08
5.	Dr. J. Vijaya Kumar	M.Sc., Ph.D.	Associate Professor	Sedimentary Petrology and Hydrogeology	29	04
6.	Dr. Linda PrabhakarBabu	M.Sc., Ph.D.	Assistant Professor	Sedimentology	27	-Nil-

12. List of senior visiting fellows, faculty, adjunct faculty, emeritus professors:
    a) Prof. R. Pavanaguru (Emeritus Professor)
    b) Prof. G. Balakotaiah (Emeritus Professor)
    c) Dr. D. Gopal Rao (Visiting Professor)
13. Percentage of classes taken by temporary faculty-programme wise information:
    M. Sc Geology - 40
14. Programme-wise student-teacher ratio:
    M. Sc Geology - 6:1
    Ph. D Geology - 8:1
15. Number of academic support staff (technical) and administrative staff sanctioned and filled:

Designation	Sanctioned	Filled
Technical	5	1
Administrative	1	--
Supportive	10	13

16. Research thrust areas recognized by funding agencies:
    Igneous Petrology
    Sedimentology
    Metamorphic Petrology
    Hydrogeology
    Environmental Geology
    Economic Geology

17. Number of faculty with ongoing projects:

Sl No	Name of the PI	Funding Agency	Title of the Project	Year	Grant received (Rs.)
1	Prof. M. Narsimha Reddy	DST-PURSE	Petrogenesis and Geodynamic evolution of Anorthosites, Gabbros, Amphibolites and Gneisses from the Khammam Schist Belt in Andhra Pradesh.	2011-12	351000
2	Prof. A. Narsing Rao	DST-PURSE	Regional Environmental Assessment (REA) with Special Emphasis on Environmental Health Problems Due to Granite Mining in Warangal District, Andhra Pradesh".	2011-12	351000
3	Dr. J. Vijayakumar	DST-PURSE	Geological Studies of Evaluate Managse Ore deposits in late Proterozonic Penganga basin in Adilabad District, Andhra Pradesh".	2011-12	150000
4	Dr. B.Linda PrbhakarBabu	DST-PURSE	Comparative study of Heavy Minerals (HMs) from Five Major On shore Sedimentary Basins (SBs) along the East coast (EC) of India ".	2011-12	150000
5	Dr. D. Gopala Rao	DST	Geophysical study of the Ninety East ridge and adjoining ocean basins-Constrain on intraplate deformation and Keruguelem hotspot kinematics.	2012-13 (2 yrs)	596000
6	Prof. A. Narsing Rao	UGC	Regional Environmental Assessment (REA) of granite mining with epical emphasis on land degradation in Khammam & Karimnagar districts, A.P.	2013-16	1200000

Completed research projects:

S. No.	Name of the PI	Funding Agency	Title of the Project	Year	Grant received (Rs.)
1	Dr. R. Pavana Guru	DAE	Characterisation of granitic phases and associated igneous suites to assess their potentiality for uranium minieralisation in the northern parts of Cuddapah basin, A.P.	2010-11	1858900

2	Dr. K. Venugopal Reddy	DAE	Demographic survey of the area around Lambapur-Peddagattu Uraninum mining sites in Nalgonda district, A.P.	2011-12	2994950
3	Dr. D. Gopala Rao	DST	Geologic .Structure, Tectonics & Origin of the Gulf of Kachch, NW India.	2011-12	1500000
Total					**6353850**

18. Inter-institutional collaborative projects and grants received:

a) All India collaboration:

S. No.	Name of the PI	Funding Agency	Title of the Project	Year	Grant received (Rs.)
1	Dr. R. Pavana Guru	DAE (AMD)	Characterisation of granitic phases and associated igneous suites to assess their potentiality for uranium minieralisation in the northern parts of Cuddapah basin, A.P. (in collaboration with AMD)	2010-11	1858900
2	Dr. K. Venugopal Reddy	DAE (AMD)	Demographic survey of the area around Lambapur-PeddagattuUraninum mining sites in Nalgonda district, A.P. (in collaboration with AMD)	2011-12	2994950
Total					4853850

b) International:

Sl No	Name of the PI	Funding Agency	Title of the Project	Year	Grant received (Rs.)
1	Dr. D. Gopala Rao	DST	Geophysical study of the Ninety East ridge and adjoining ocean basins-Constrain on intraplate deformation and Keruguelem hotspot kinematics. (in collaboration with P.P. Shirshov, Institute of Oceanography, Russian Academy of Sciences, Moscow)	2012-13 (2 yrs)	596000

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc. total grants received.

a) UGC-SAP-DRS-I Rs.67 lakhs (2012-2017)

b) UGC – BSR grants Rs. 20 lakhs (2012-2013)

20. Research facility/centre with

1. State recognition: Nil
2. National recognition: Nil
3. International recognition. Nil

21. Special research laboratories sponsored by/ created by industry or corporate bodies:
Nil

22. Publications:

*	Number of papers published in peer reviewed journals (national / international)	:	National 24 International 3
*	Monographs	:	--
*	Chapters in Books	:	1
*	Edited Books	:	--
*	Books with ISBN with details of publishers		--
*	Number listed in International Database (For *e.g*. Web of Science, Scopus etc.)	:	3
*	Citation Index – range / average	:	--
*	SNIP	:	--
*	SJR	:	--
*	Impact Factor – range / average	:	0 – 6.716
*	h-index	:	--

23. Details of patents and income generated: -NIL-

24. Areas of consultancy and income generated:

- Ore microscopic studies of Ore mineral samples
- Irrigation project – Assessment of bedrock.

25. Faculty selected nationally/internationally to visit other laboratories in India and abroad:

Nil

26. Faculty serving in

a) National committees: Prof. J. Ratnakar, Member, Geoscience Advisory Council (GAC), Ministry of Mines, Government of India (2012-2016).

b) International: -NIL-

c) Editorial boards:

i) Prof. J. Ratnakar, Journal of the Indian Academy of Geoscience, Journal of the Applied Geochemistry.

ii) Prof. A. Narsing Rao, Journal of the Indian Academy of Geoscience and Springer Journal.

d) Any other: -NIL-

27. Faculty recharging strategies:

- Participation in National/International Seminars
- Participation in Workshops/Training Programmes
- Undergoing Orinetation and Refresher courses
- Participation in field-oriented programmes

- Active participation in the programmes conducted by professional organisations

28. Student projects:

a)	Percentage of students who have in house projects including inter-departmental projects:	85
b)	Percentage of students doing projects in collaboration with other universities/industry/institute:	15

29. Awards /recognitions received at the national and international level by faculty, doctoral/post-doctoral fellows and students:

S. No.	Name of the Faculty	Distinction/Award
1	Prof. C. Leelanandam	• 2009 *: JGSI*-Radhakrishna Prize (jointly with Dr. K. Vijaya Kumar) for the best paper published in the JGSI for the year 2008 (from the Geological Society of India, Bangalore). • 2010 :PramathaNath Bose Memorial Medal (for the year 2009) for significant contributions to the field of geology with special reference to Asia (from The Asiatic Society, Kolkata). • 2010 : National Geoscience Award for Excellence-2010 for life time contributions to the field of earth science in the country by Ministry of Mines.
2	Prof. J. Ratnakar	**a)** Member, Geoscience Advisory Council (GAC), Ministry of Mines, Government of India; **b)** Fellow, A.P. Akademy of Sciences
3	Prof. A. Narsing Rao	UGC Career Award (2006-2009)
6	Prof. R. Pavanagaru	Emeritus Professor, UGC
7	Prof. G. Balakotaiah	Emeritus Professor, UGC

30. Seminars/conferences/workshops organized and the source of funding (national and international) with details of outstanding participations, if any:

Sl No	Name of the Conference	Month/ Year	Funding Agency	Outstanding Participants
1	Geology Colloqium	15th -17th March, 2013	UGC	Dr. Y.J. Bhaskara Rao, NGRI, Hyd Dr. C.V.V. Bhadram, JNTU, Hyd Dr. Sidharth, Birla Planitorium Dr. P.S. Parihar, Director, AMD
2	Emerging Areas,	6th Sept.,	UGC-	Dr. Vinod Kumar, NRSA, Hyd

	Research Trends in Hydrogeology	2013	SAP	Dr. G. Sudarshan, CGWB, Hyd
3	Crustal Evolution, Metallogeny and Exploration (CRÈME-2013)	30th Sept., 2013	UGC, DMR-TUF	Dr. Vijay Kumar, SRTM, Nanded Dr. V.V. Sesha Sai, GSI, Hyd Dr. Ramesh Babu, AMD, Hyd Dr. Sushil Kumar, Dept. of Mines & Geology, Govt. of AP

31. Code of ethics for research followed by the departments:

- Publication of atleast one research paper in peer-reviewed journal before submission of Ph.D. Thesis.
- Passing the Ph.D course work.
- Geological field training in M.Sc. I year.
- Project work / Dissertation in M.Sc II year
- Half yearly progress report by Ph.D students
- Adjudication of thesis only from the subject field concerned

32. Student profile course wise:

Name of the course	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc. (Geology)	300	25	20	100	100
Ph.D. (Geology)	250	44	7	100	100

33. Diversity of students:

Name of the course	% of students from the same universities	% of students from other universities within the state	% of students from universities Outside the state	% of students from other countries
M.Sc.	96	2	1	1
Ph.D.	85	10	4	1

34. How many students have cleared Civil services and Defence services examinations, NET, SET, GATE and other competitive examinations? Give their details category-wise.

Mode of placement	2010-11	2011-12	2012-13	2013-14	2014-15
Proceeded for Higher Studies	33	50	33	50	50
Campus Interviews	-	-	-	-	-
Number of Companies	-	-	-	-	-
Number of Placements	-	-	-	-	-

Mode of placement	2010-11	2011-12	2012-13	2013-14	2014-15
Highest Salary Offered (per month)	Rs.45K	Rs.48K	Rs.45K	Rs.48K	Rs.48K
Off campus placements	20	129	20	129	129
UGC-CSIR Net Qualified	06	-	06	-	-
APSET Qualified	-	03	-	03	03
GATE qualified	01	01	01	01	01
Other	-	-	-	-	-

35. Student Progression:

Student progression	Percentage against enrolled
PG to PhD	20
Employed: Campus Selection Other than campus recruitment	 10 60

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	90
from the other universities within the state	--
from the universities from other states	10
from universities outside the country	--

37. Number of faculty who are awarded Ph.D., D.Sc. and D.Litt. during the assessment period:

Ph.D. – One

38. Present details of infrastructure facilities with regard to :

S. No.	Physical facility	No.	Area (In Sq. ft.)
1.	Class room	02	1024.80
2.	Teaching labs	05	4090.19
3.	Research labs	02	1339.20
4.	Seminar hall	01	1046.01
5.	Instrumentation	02	906.37
6.	Library	01	1073.04
7.	Computer lab	01	597.64
8.	Faculty	10	4127.65
9.	Amenities	01	200.00
Total		**25**	**14404.90**

Computers:

S. No.	Item	Number
1	Computers	16
2	Licensed software	ARC VIEW GIS 10.1 Version, ARC GIS & ILWIS 3.0 Academic (Gifted to the Faculty by ITC, The Netherlands
3	Application software	MAP –INFO
4	Learning resources	LISS III Satellite data of four districts. Multimedia Teaching aids procured from time -to- time
5	Internet facility and bandwidth	Live internet provided by the University and the speed is 256 kbps and more

Instrumental laboratories:

S. No.	Name of the Equipment	Cost	Date of Installation
1	Ion Analyser	Rs. 2.00 lakh	1989
2	Orion Spectrophotometer	Rs. 0.50 lakh	-
3	Orthoplan Microscope	Rs. 8.00 lakh	1988
4	Leitz microscopes etc	Rs. 1.00 lakh	2006
5	Advanced Commination equipment	Rs. 2.00 lakh	2009
6	Equipment for Generation of baseline data for EIA & EMP	Rs. 0.75 lakh	1998 & 2004
7	Automatic weather monitoring station (US Make)	Rs. 0.75 lakh	2013
8	Phase Contrast Microscope with Graticules	Rs. 3.00 lakh	2013
9	Petrological Microscopes	Rs. 3.00 lakh	2012, 2013

39. List of doctoral, post-doctoral students and research associates:

a) From the host university:

S.No	Name	S.No	Name
1.	A. Edukondal	37.	Adrijachatterjee
2.	Raju Doddi	38.	P. Yugendhar Reddy
3.	B.Thirupathi	39.	G. Kasinath
4.	Ravidranath	40.	K. Yadagiri
5.	G. Rajender Reddy	41.	Nazish Rana
6.	M. Raju Kumar	42.	R. Srinivasa Chary
7.	P. Ravindar	43.	M. Mariya Kumar
8.	C. Bhaskar	44.	HafsaSulthana
9.	PrasannaKaranam	45.	V. Ravi Kumar
10.	T. Madhav	46.	CH. Venkanna

S.No	Name	S.No	Name
11.	Reddipogu Eleanor	47.	B. Sammaiah
12.	T Nagaiah	48	V. Jawaharlal
13.	T. Narsimha Rao	49	B. Vasumathi
14.	D. Mahesh	50	BasantRath
15.	B. Jaya Raju	51	Tabish Raza
16.	N .Bharani	52	Mohammad Muslemeen
17.	T. Brahmaiah	53	N. Rajeshwar
18.	M. Praveena	54	V. Periasamy
19.	C. RamaKrishna	55	Khurshid Abdullah Rather
20.	P. Srinivas	56	R. Vishwanthan
21	B. Raghavendra Prasad	57	K. Anjaneyulu
22.	B. ingaiah	58	Y. Anitha
23.	A. Ravi	59	M. Anjaneyulu
24.	RanjanaNaorem	60	G. Vamshikrishna
25.	C. Upender	61	B. Venkanna
26.	V. NagaRaju	62	G. Ramesh
27.	P. Sandya Rani	63	T. Pullaiah
28.	Syed. Muzimuddin	64	D. Karunakar
29.	D. Narender	65	T. Devendhar
30.	R. LaluNaik	66	M. Satheash Yadav
31.	S. Srinivasulu	67	N. Kalpana
32	E. Satyanaryana	68.	N. Sridhar
33.	R. Jaya Sudha	69.	G. Hari Krishna
34.	G. Kumar	70.	Tahmeena Begum
35.	K. Sudhakar	71.	P. Laxmi
36.	G. Yesaiah		

b) From the other universities/Institutes: 11

40. Number of post graduate students getting financial assistance from the university:

Forty eight students belonging to SC, ST and BC categories are receiving scholarships from the Dept. of Social Welfare, Govt. of A.P.

41. Was any need assessment exercise undertaken before the development of new programmes? If so, highlight the methodology:

Yes, need assessment was undertaken before adopting the new programme of PG Diploma in Ground Water Resource Evaluation.

42. Does the department obtain feedback from

a) Faculty on Curriculum as well as teaching/ learning/ evolution? If yes, how does the department utilize the feedback?

Yes, the feedback is duly considered while updating the course content and scheme of evaluation.

b) Students on Staff, Curriculum and teaching /Learning/Evolution and how does the department utilize the feedback?

Yes, the suggestions are being taken in improving the teaching methodology, and also facilitates the identification of slow learners in order to take necessary measures.

c) Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes, it helps in updating the course content.

43. List the distinguished alumni of the department:

- The Osmania Geology Alumni Association (OGAA) Founded in 2002
- Meets on December 18th of every year to celebrate Foundation Day of theDepartment
- Significant Contributions have been made by the alumni to the Development of the Department.

Distinguished Alumni:

Prof. Y. J. Rao
Prof. C. Leelanandam
Prof. V. Madhavan
Dr. Y. J. Bhaskar Rao
Dr. Devendranath
Dr. Y. Madhukar
Dr. P. V. Ramesh Babu
Dr. R. K. Chadha
Mr. Raymond Peter, I.A.S.
Mr. G.V. Krishna Rao, I.A.S
Dr. Ausuf Sayeed, I.F.S.
Mr. B. A. Sharma, I.P.S.
Mr. Ravi Pendurthi
Dr. K. Vijaya Kumar
Dr. N.V. Chalapathi Rao
Dr. E.V.S.S.K. Babu

44. Give details of student enrichment Programmes (special seminars/lectures/ workshops):

M.Sc students and Ph.D scholars undergo training in Ground Water Resource Evaluation and various techniques. They also participated and presented research papers in seminars.

45. List the teaching methods adopted by the faculty for different Programmes:

a) Traditional method, b) OHP, c) PPT and d) Field visits etc.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are mentioned?

- Revision of syllabus
- Intensive field training
- Arranging extension lectures
- Adhearing to the almanac
- Visit to national laboratories
- Continuous evaluation
- Reviewing of final results
- Traking of student progression

47. Highlight the participation of students and faculty in extension activities:

- Students often participate in debates, cultural activities, curriculum activities and social works.

48. Give details of "beyond syllabus scholarly activities" of the department:

- The dept has a Member of Geoscience Advisory Council, Ministry of Mines, and Govt. of India in policy making of geological activities in the GSI and geological sectors under the Ministry.
- The faculty delivered extension lectures in other departments and they delivered Keynote addresses (SRTM University, Nanded) by in national and international seminars (University of Madras, Chennai).

49. State whether the Programme/department is accredited/graded by other agencies?

Yes, the department is an active participant in the ongoing UGC project under 'Potential for Excellence'. Further, the department has attained the UGC-SAP status.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

- Modeling the alkaline magmatism, anorthosite genesis, ophiolites, and Precambrian plate tectonics in relation to Eastern Ghats Mobile Belt.
- Remote Sensing & GIS applications to petrology, hydrogeology and environmental geology.

51. Detail any strengths, weaknesses, opportunities and challenges (SWOC) of the department:

Strengths: Internationally known faculty members, publication in national and international journals, reputed academic administrators, most enthusiastic young faculty, 5 BSR fellowships, around 80 research scholars and two emeritus professors.

Weaknesses: Lack of sophisticated geochemical lab, international collaboration and exposure of Faculty to international fora and labs.

Opportunities: Applications of geology to groundwater exploration, to improve geological literacy for the society development, and exploitation of natural resources.

Challenges: To strengthen field trainings, to keep up academic schedule, to train students for UPSC Exams for Geologists in Geological Survey of India and other geology related competitive exams.

52. Future plans of the department:

Establishment of modern laboratories, establishment of field camps, acquiring modern analytical techniques, strengthening of faculty by recruiting permanent faculty.

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Department of Geophysics

1. Name of the Department : Department of Geophysics

2. Year of Establishment : 1969

3 Is the Department part of a School/Faculty of the University?

Yes, Faculty of Science

4. Names of Programmes / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters; integrated PhD, etc).

M.Sc Geophysics- 2 years

Ph. D in Geophysics

5. Interdisciplinary Courses and departments involved

Yes, Maths, Physics and Geology

6. Courses in collaboration with other universities, industries, foreign institutions etc.

MOU with National Geophysical Research Institute, Uppal, Hyderabad

GSI, Hyderabad and AMD, Hyderabad

7. Details of Programmes /courses discontinued, if any, with reasons:

PG/ M.Sc Computational Geophysics 2 Years, Discontinued 2012 onwards

Due to UGC not recognized and no employments opportunities.

8. Annual/Semester./Choice Based Credit System:

M.Sc Semester/CBCS System (2010 Onwards)

9. Participation of the department in the courses offered by other departments:

Choice-based papers (GP404T CB) 1.Groundwater and Envioronmental Geophysics introduced in the III Semester, open to within the Faculty of Sciences (Applied Geochemistry, Maths, Physics and Geography Deparments). Introduction to Geophysics as ID paper.

10. Number of teaching posts sanctioned and filled (Professors / Associate Professors / Asst. Professors)

Designation	Sanctioned	Filled
Professor	6	1
Associate Professor	11	1
Assistant Professor	8	2

11. Faculty profile with name, qualification, designation and specialization (D.Sc / D.litt. /Ph.D. /M.phil.etc

Name	Qualifi-cation	Disig-nation	Specilization	No of years Experi-ence	No.of PhD Students guided for the last 5yrs
Prof. B. Madhusudhan Rao	M.Sc. Ph.D.	Professor	Electronics &Instrumentation, Acoustic Emission, Elastic Propertiesof Solids, Geo-Instrumentation	33	2
Dr. B. Veeraiah	M.Sc. Tech., PGDCA Ph.D.	Associate Professor	Deep resistivity Sounding (DRS) & Controlled Source Audio-frequency Magnetotelluric (CSAMT) studies, Gravity & Magnetic Remote Sensing and Well logging.	15	--
Dr. RamRajMathur	M.Sc. Tech., PGDCA Ph.D.	Assistant Professor	Mineral & Groundwater Exploration, Electromagnetic, Electrical, magnetic and seismic Prospecting, Geophysical Data-Processing, Geophysical Inversion and modeling, Geoinformatics. Computer Applications	7	--
Dr. G. UdayaLaxmi	M.Sc.Tech. Ph.D.	Assistant Professor	Field of specializationisIntegrated Mineral, Groundwater, and Exploration Geophysics.	1	--

12. List of senior visiting fellows, faculty, adjunct faculty, emeritus professors

1. Prof. V.L.S. Bhimashankaram, Formar Dean, Faculty of Science, OU
2. Prof. K.Mrinal Sen, Director, NGRI. Hyderabad
3. Prof. Collin Reevs, Professor of NetherlandsUniversity
4. Prof.K.K.Sharma, Head, University of Madras
5. Dr.K.Laxminarayana, OU Alumni Member
6. Prof. N.S.Rajan, Karim University, Muscat
7. Prof. V.P. Dimri, Distinguished Scientist, NGRI
8. Prof. N.L. Mohan, Former Emeritus Professor
9. Prof. G. Ramadass, Emeritus Professor

13. Percentage of Classes taken by temporary faculty – programme wise information:

50

14. Programme –Wise Student teacher ratio. 10 : 1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

	Sanctioned	Filled
Technical staff	15	8+7(C)
Administrative staff	10	4+6(C)

C - Contract

16. Research thrust areas recognized by funding agencies.

1) Crustal Evolution, Resource potentialand Management in parts of North-Eastern DharawarCraton: A Geoscientific Approach.
2) DSA - SAP –Exploration Geophysics, Computational Geophysics (2009-2014).
3) Seismological observatory at Biknoor –DST Sponsored.

17. Number of faculty with ongoing projects from a) National, international funding agencies b) total grants received. Give the names of the funding agencies and grants received project-wise.

Name of Investigator(s)	Title of the project and duration	Amount sanctioned	Funding Agency
Dr.RamRaj Mathur and Prof. B. MadhusudhanRao 2014	Gravity surveys for Diamond exploration programme of NMDC in Bhagain, Rampura and Pali areas of MP, India.	4.95 Lakhs	NMDC
Prof. Praveen Raj Saxena, Dr. Ram Raj Mathur, Dr. B. Srinivas and Prof RSN Sastry 2011-2014	Integrated Land & Water development for enhancing livelihood agricultural practices at water shed village level – a remote sensing- GIS- Geophysical , Geochemical approach DST, Purse	3.5 Lakhs	DST-PURSE
Prof.B.Madhusudhan Rao Dr.Ram Raj Mathur 2007-2009	Geophysical survey Magnetic Gravity & Resistivity in Joda Area,Orissa	10lakhs	IGPL Pvt, Joda, Orissa

18 Inter-institutional collaborative projects and grants received

a) All India collaboration, b) International : Nil

19. Departmental projects funded by DST-FIST; UGC –SAP/CAS, DPE, DBT, ICSSR etc; total grants received. .

1.	DSA (SAP) –II Programme	2009-2014	Rs. 75.00 Lakhs
2.	DSA -III (SAP-I) Programme	2014-2018	Rs. 149 Lakhs
	Total	Rs. 224 Lakhs	

20. Research Facility / centre with

* State recognition: Centre of exploration geophysics actively participates in industry field training, extension lecturers and sponsored programmes. Students of M.Sc. Geophysics are doing summer projects in various organizations. Department has been undertaking consultancy projects from government and private organizations.
* National recognition: Developed new methods such as piezoelectric, Seismo-Electric, VLF, Transient, XRF, Data Processing. Advisers in scientific bodies at National level DST, UGC, CSIR, UPSC, IIG, SEG,ITC, GSI, Ministry of Mines, MECL, UNICEF, WHO.
* Introduction of Environmental Geophysics in the curriculum and field investigations for Industries.
* Electromagnetic Laboratory.
* Resistivity Laboratory.
* Gravity and Magnetic Laboratory.
* International recognition: The Department has strong interaction with industry. Scientists of major Organization from India and abroad visit the Department frequently and interact with faculty members and Research scholars. Teaching and Professional assignments in Nigeria, Libya, Iraq, Thailand, Netherlands, U.K., U.S.A., Botswana, Mozambique, Thailand, Italy, Germany, Iceland et

21. Special Research Laboratories sponsored by / Created by Industry or Corporate Bodies

Research Laboratories	Funding agency
1.Computer laboratory -2	UGC Infrastructure funds
2. Physical properties lab	FIST
3.Electronics and Geo-instrumentation lab	DST

22. Publications

*	Number of papers published in peer reviewed journals (national / international)	:	National	20
			International	15
*	Monographs	:	--	
*	Chapters in Books	:	2	
*	Edited Books	:	--	
*	Books with ISBN with details of publishers		03	

*	Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	:	Nil
*	Citation Index – range / average	:	≤ 1 to 5
*	SNIP	:	--
*	SJR	:	--
*	Impact Factor – range / average	:	3.3721
*	h-index	:	02-04

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated:Nil

25. Faculty selected nationally/ Internationally to visit other laboratories in India/ abroad

DST PAMc's Members

Prof. G. Ramadass and Prof. B. MadhusudhanRao visited Seismological research Institute, Ahamadabad and C-DAC Bangalore, India for Institute recognition for Ph.DProgramme in Geophysics under Osmania University.

26. Faculty servicing in

a) National Committees : Nil

b) International committee : Nil

c) Editorial Boards : Nil

Prof. B. MadhusudhanRao:

i. Member, Executive Committee, IGU, India
ii. Member, Board of Examination, UoH, Hyderabad
iii. Ph. D. Adjudication Member for UoH and PU.

Dr. B. Veeraiah:

i. Member, Executive Committee, AEG, India
ii. General Secretary, SPG, India Hyderabad Chapter.

d) Any other (please specify) : Nil

27. Faculty recharging strategies:

1. Encouraging the publication of quality research articles by the faculty.
2. Organizing periodical meetings with the faculty to further improve the quality of Research.
3. Encouraging the departments to revise syllabi periodically at least once in three years.
4. Organizing seminars/workshops for research scholars in collaboration with recognized supervisors in different disciplines.

5. A young faculty are encouraged to attend national and international Conferences and present their work and also to conduct refresher courses, workshops.
6. Every year the university organizes faculty meeting to discuss the changes in the syllabus of each department. In the year 2012-13 and 2013-14 the department of Geophysics, BOS meeting held and restructured the total syllabi to suit to the present times.
7. Last 10 years the department of geophysics organizing the seminars/workshops for Research scholars.
8. Faculty & Research scholars and students attend the seminars at different places across the country.

28. Students Projects

* Percentage of Students who have done in house projects including interdepartmental projects industries/ Institutes: 60%
* Percentage of students doing projects in collaboration with universities/ industry institute: 40%

29. Awards/ Recognitions received at the national and International level by Faculty Distinction earned by faculty members like National and International Awards, Professional Societies:

Prof. B. MadhusudanRao

a) Executive Member- Indian Geophysical Union (IGU), India.
b) VicePresident of CEGAlumni Association, OU, Hyderabad for 2010-12.
c) MemberSocietyof Petroleum Geophysics (SPG),India.
d) LifeMember and Fellow of Indian Geophysical Union (IGU), India.

Dr. B. Veeraiah

a) Executive Member- Association of Exploration Geophysicists (AEG), India.
b) VicePresident of CEGalumni Association,OU, Hyderabad for 2014-till date.
c) Associate Member: SocietyofExploration Geophysicists (SEG),USA
d) Member-Asia Oceania Geosciences Society (AOGS)
e) Member - Professional/regular- Science Digital edition (online), AAAS
f) Member: Societyof Petroleum Geophysics (SPG),India.
g) LifeMember:IndianScienceCongress Association (ISCA), India
h) LifeMember: Indian Geophysical Union (IGU), India.
i) LifeMember: Association of Exploration Geophysicists (AEG), India.

Dr. RamaRajMathur

a) ActiveMember: SocietyofExploration Geophysicists,USA.
b) Member: Societyof Petroleum Geophysics (SPG),India.
c) LifeMember: A. P. Sciences.

Doctoral/post doctoral fellows : Nil

Students:

Medals/Prizes:

1. ONGC Gold Model under Industry-Academia interface-M.Sc.Geophysics Topper.

Name of the Student	Year	Amount
Ms. SrinadhaPrasanna	2011-12	Gold Medal & Cash prize of 1 Lakh.
Mr. Wangkhem Dinesh Singh	2012-13	Gold Medal & Cash prize of 1 Lakh.
Mr. M. Sagar	2013-14	Gold Medal & Cash prize of 1 Lakh.
Ms. K. Navitha	2014-15	Gold Medal & Cash prize of 1 Lakh.
Ms. Gunduri Blessy	2015-16	Gold Medal & Cash prize of 1 Lakh.

2. ONGC Cash Prize Under Industry-Academia interface-M.Sc.Geophysics I Year Topper.

Name of the Student	Year	Amount
Ms. SrinadhaPrasanna	2011-12	60,000
Mr. Wangkhem Dinesh Singh	2012-13	60,000
Mr. M. Sagar	2013-14	60,000
Ms. K. Navitha	2014-15	60,000
Ms. Gunduri Blessy	2015-16	60,000

3. Award of ONGC Scholarships to SC /ST Students

Name of the Student	Year	Amount
Mr. DurgamHanmanthu	2011-12	18,000
Mr. Boda Naga Naredra	2011-12	18,000
Ms. GollaVijayaLaxmi	2011-12	18,000
Mrs. PanugotuNeelarani	2012-13	18,000
Ms. Sharanya	2013-14	18.000
Mr. Madari Ramesh Kumar	2013-14	18,000
Mr. BorlakumtaLaxman (ST)	2015-16	18,000
Ms. A. Kusumalatha	2015-16	18,000

4. Indian Geophysical Union award & Merit Certificate.

Name of the Student	Year
Sri B. Padmarao	2010-11
Smt. Praveen Begum Shek	2010-11
Sri P. Raj Kumar	2010-11
Ms.J.Lalitha	2010-11
Mr. Wangkhem Dinesh Singh	2012-13
Mr. M. Shiva Shankar	2012-13

Mr. Lacchit Singh	2012-13
Ms. T. Priyanka	2012-13
Mr. Mungam Sagar	2013-14
Ms. L. Devisree	2013-14
Ms. Navitha	2014-15
Mr.Raghavendar	2014-15
GanduriBlessy	2015-16
BorlakuntaLaxman	2015-16
PasupuletiMamatha	2015-16
Sreejith MK	2015-16
B. Kiran Kumar	2015-16
Mohamed Elfatih	2015-16
AnuguShirisha	2015-16
MA Alimodhin	2016-17
PalleJyothsna	2016-17

30. Seminars/Conferences/Workshops organized and the source of funding (National/International) with details of outstanding participants, if any.

Seminars Organized by Depertment:

1. National Seminars on Integrated Geoscientific Strategies in Ground-water Exploration and Management, on 8th to 10th December 2011,(UGC,SAP,MOES).
2. National seminars on Modern trends in Geo-Instrumentation, on 27 to 28th March, 2012.SAP, UGC.
3. National Seminars on Modern Trends in Mineral exploration & Environmental Studies, on 14 to 16th, March 2013(SAP-II).UGC.
4. Workshop conducted on "Role of Geophysics in Mineral exploration" on 5th November 2013.
5. NationalSeminarson"Advances in Geo- Exploration Technologies in the Search for Minerals Under different Geological Settings", from 26to 27thMarch 2014, DSA (SAP-II).UGC.

31. Code of Ethics for research followed by the departments

The faculty members and research scholars are encouraged to publish their research work on peer reviewed journals.

32. Students profile Course wise:

Name of the course (refers to Q.no.4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
M.Sc Geophysics	Through common entrance test	21	9	100	100

33. Diversity of Students

Name of the course (refers to Q.no.)	% of Students from the same university	% students from the other universities within the state	% students from the universities outside the state	% students from the other Countries
M.Sc Geophysics	92	--	4	4

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, other competitive examinations? Give details category wise

NET : 2
TSSET : 2
APSET : 5
GATE : 3
AMD : 2
TS State : 6
JRF : 12 (BSRF)

35. Student Progression

Student Progression	Percentage against enrolled
UG to PG	--
PG to M.Phil	--
PG to PhD	20
PhD to Post Doctoral	2
Employed	--
• Campus Selection	10
• Other than Campus recruitement	10
Entrepreneurs	--

CAMPUS PLACEMENTS AND OTHER COMPANIESDURING THE ACADEMIC

Company	No. of Students
Infotech	20
Alfa Geo	2
Tejovikas Ltd	1

ANY OTHER RELEVANT INFORMATION

- More than 50% of the Final year students of M.Sc. (Geophysics) gotemployment even before the completion of their course.
- Every year one student is getting Rajiv Gandhi National Fellowship.
- More than one student is getting UGC Merit scholarship.

36. Diversity of Staff

Percentage of Faculty who are Graduates	
of the same University	92
From other universities within the state	--
From universities from other states	4
From universities outside the country	4

37. Number of faculty who were awarded Ph.D., D.Sc and D.Litt. during the assessment period: Nil

38. Present details of Infrastructural facilities with regards to

a) Library : Yes
   Books in the library - 6800
   Foreign Journals - 12
   Indian Journals - 8
b) Internet facilities : Yes
c) Total number of class rooms : 4
d) Class rooms with ICT facilities : 4
e) Students laboratories : 12
f) Research laboratories : 12

39. List of doctoral, post –doctoral students and Research Associates

a) From the host university

S. No.	Name of the Candidate	Year of Joining	Supervisor
1	Sudharshan (CSIR-NET)	2010-11	Prof. B. MadhusudanRao
2.	D. Vijay Kumar	2010-11	Prof.G.Ramadass
3.	J. Seenaiah	2010-11	Prof.G.Ramadass
4.	K. Bagya	2010-11	Prof.G.Ramadass
5.	Karunakar Goud	2010-11	Dr.Ram Raj Mathur
6.	Yakanna	2010-11	Dr.Ram Raj Mathur
7.	KadariSrinivas	2010-11	Dr.Ram Raj Mathur
8.	K. Alekya	2011-12	Prof.G.Ramadass
9.	G. SriramuluGoud	2011-12	Prof.G.Ramadass
10	Annam Navneeth	2011-12	Prof.G.Ramadass
11.	M.Preeti	2011-12	Prof.G.Ramadass
12	Nagaraj Battu	2011-12	Prof. B. MadhusudanRao
13.	UpendarKollu	2011-12	Prof. B. MadhusudanRao
14.	K. Lohit Kumar	2011-12	Prof. B. MadhusudanRao
15.	Chandu Pasha Mohammed	2011-12	Retd. Prof. N.L.Mohan
16.	N. Sridhar Goud	2011-12	Dr. B.Veeraiah
17.	S.V.Jagadish	2011-12	Dr. B.Veeraiah
18.	P. Chandrasekhar Reddy	2011-12	Dr. B.Veeraiah
19.	D. Majula (RGNF)	2013-14	Dr. B.Veeraiah

b) From the other University : 2

40. Number of Post Graduate students getting financial assistance from the University

No. of Students	Academic Year					Total
	2011-12	2012-13	2013-14	2014-15	2015-16	
M.ScGeophysics I Year	29	26	28	35	35	153
M.Sc. Geophysics II Year	28	29	28	26	30	141

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

--

42. Does the Department obtain feedback from

a) Faculty and Curriculum as well as teaching/ learning/ evolution? If yes, how does the departmentutilize the feedback?

Yes, the curriculum is revised continuously at departmental committee meetings conducted every semester based on the feedback.

b) Students on Staff, Curriculum and teaching /Learning/Evolution and how does the department utilize the feedback?

Yes, the student representatives are also invited to Departmental Committee meetings.

b) Alumni and employers on the programmes offered and how does the department utilize the feedback?

Centre of Exploration Geophysics (CEGAA) association was formed and received overwhelming response from the past students of the department. For the benefit of the students CEGAAmembers delivered guest lectures, about placements in various geophysicalprivate and governmentsorganizations.

43. List the distinguished alumni of the department (maxmum 10)

1. Dr. T. Seshunarayana, Chief Scientist & Group Head Instrumentation, NGRI, Hyderabad.
2. Dr. B.Rajendra Prasad, Chief Scientist & Group Head CSS, NGRI, Hyderabad.
3. Smt. SugunaTulasi, Regional Director, GSI, Hyderabad.
4. B.S.N. Murthy, ONGC
5. ChittiBabu, Engineers India Ltd., New Delhi
6. Prof. K.K. Sharma, Prof & Head, Geoscience Division, IIT, Madras
7. Prof. Mohan, Professor of Geoscience, IIT, Mumbai
8. Prof. S. K. Patil, IIGM, Allahabad
9. Dr. S.B. Srinivas, Manager, BHP Minerals
10. Krishna Mohan Sangam, Manager (Exploration & Production), HPCL

44. Give details of students enrichment programmer (Special lectures/ work shops/Seminars) involved in external experts.

Special lectures & Guest lectures by External Experts

S. No.	Name of the Visitor	Country	Institution	Purpose of Visit
1	Dr. I.B. RamaprasadaRao	India	Dept. of Geophysics, OU (Retd.)	Guest Lecture
2	Prof. N. L. Mohan	India	Dept. of Geophysics, OU (Retd.)	Guest Lecture
3	Dr. A. P. Singh	India	IIT, Madras	Guest Lecture
4	Dr. Subhas Chandra	India	NGRI, Hyd	Guest Lecture
5	Dr. V. K. SomVamsi	India	NGRI, Hyd	Guest Lecture
6	Dr. Ajay Mangalic	India	NGRI, Hyd	Guest Lecture
7	Prof. Collin Reeves	Netherland	Netherland University	Guest Lecture
8	Dr. Anil Kumar/ Venkateswarlu	India	NGRI, Hyd.	Guest Lecture
9	Dr. M. Ravi Kumar	India	NGRI, Hyd.	Guest Lecture
10	Dr. K. Laxman	India	ONGC, Mumbai	Guest Lecture
11	Dr. A. Sheshadri	India	Scientist (Retd.), ONGC	Guest Lecture
12	Mr. V. S. R. Subrahmanyam	India	General Manager (Retd.) ONGC, Adjunt Faculty	Guest Lecture
13	Prof. K.K.Sharma	India	IIT, Madras	Guest Lecture
14	Dr. Laxmi Narayana, GM	India	CEG, Alumni Member	Guest Lecture
15	Prof. Mrinal Sen, Director	India	NGRI, HYd	Guest Lecture
16	Prof. N. S. Rajan	Muscot	Karim University	Guest Lecture
18	R. K. Tiwari, Principal, Scientist	India	NGRI, Hyd.	Guest Lecture
19	Dr. LaxmidharBehra, Scientist	India	NGRI, Hyd.	Guest Lecture
20	Dr. K. Laxman	India	ONGC, Mumbai	Guest Lecture
21	Dr. O.P Pandey, Scientist	India	NGRI, Hyd.	Guest Lecture
22	Dr. Ajay Manglik, Scientist	India	NGRI, Hyd.	Guest Lecture
23	Dr. V. M. Tiwari, Scientist	India	NGRI, Hyd.	Guest Lecture
24	Dr.R.K.Chadha, Scientist	India	NGRI, Hyd	Guest Lecture
25	Dr. LaxmidharBehra, Scientist	India	NGRI, Hyd.	Guest Lecture

26	Dr. GoutamNayak, Scientist	India	NGRI, Hyd.	Guest Lecture
27	Dr. B.P.K. Patro, Scientist	India	NGRI, Hyd.	Guest Lecture
28	Dr. N.C. Mondal, Scientist	India	NGRI, Hyd.	Guest Lecture
29	Dr. T. Seshunarayana, Scientist	India	NGRI, Hyd.	Guest Lecture

45. List the teaching methods adopted by the faculty for deferent programmes.

OHP &PPT lecture methods, laboratory methods, student seminars, assignments and group discussions.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Through departmental committees, grievance committees, students feed back, etc.

47. Highlight the participations of the students and faculty in extension activities.

- Human Rights
- Women Empowerment
- NSS
- Environmental Protection programmes
- Groundwater Exploration programmes
- Blood Donation Camps
- Earth Day
- Faculty areinvolved in NSS, Hostel Placement and Examination etc. programmes

48. Give details of "Beyond syllabus scholarly activities" of the department.

The department has strong interaction with the industry. Scientist of major organizations from India and abroad visit the department frequently and interact with faculty members and Research scholars. Studentsof M.Sc.Geophysics are doing summer projects in various organizations. Department has been undertaking consultancy projects from government and private organizations.

In the recent past M.Sc.Geophysics students have undertaken ground water Exploration progrmmes in the Osmania University during the last summer 2012, carried out geophysical survey suggested 10 bore hole locations for drilling in theOUcampus drilled got High yieldingwater, serving the society of students community in the Osmania University campus, Hyderabad.

49. State whether the programme/department is accredited/graded by other agencies? If Yes, Give details. --

50. Briefly highlight the contributions of the department in generating in new knowledge, basic or applied.

Faculty and Research Scholars of this department publishes continuously the latest developments in their research work in National/Internationally reputed journals and presents them in the National/International seminars/conferences.

51. Detail any five strengths, weaknesses, opportunities and challenges (SWOC) of the department.

Strengths:

a) The Centre of Exploration Geophysics has well-equipped Geophysical equipment and labs.

b) Participated in COSIP/ COSIST, DSA(SAP)-II.UGC Program Organized student seminars, group discussion, Industrial field trips, Geological and Geophysical field work.

c) High Quality Courses - students doing our courses are well prepared for several national examinations and entrances eg. CSIR-UGC examination, GATE, entrance tests for Ph.D.

d) Good computer facilities. Almost one computer for every two students and all new faculty immediately get a computer on joining.

e) A good placement record. Students are generally valued highly in the job market considering the shortage of geophysicist.

Weaknesses:

a. There is a lack of diversity of disciplines in the research interest of the faculty.

b. Many vacancies amongst sanctioned faculty positions.

Opportunities:

The Department has gained a name for itself on the national and international arenas, and our students are well employed and many occupy very high positions in different organizations.

Challenges

1. Generating research entrepreneurs of the future.
2. Creating stress less and peaceful atmosphere for teaching and research.
3. Increase the diversity of the students admitted in our programs; Attracting top grade students for our PhDprograms.

52. Future plans of the department.

Thrust area - Crustal Evolution, Resource potential and Management in part s of North-Eastern Dharwarcraton, the following objectives are planned. Gravity, Magnetic & EM methods will be planned for Crustal studies in selected areas.We would like to grow continuously in faculty strength and give our best in research and education.In future, we would like to establish a center for advance studies in inter disciplinary course studies.

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Department of Mathematics

1. Name of the Department : Mathematics
2. Year of establishment : 1918
3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Science
4. Names of Programmes / Courses offered (UG, PG, Ph.D., Integrated Masters; Integrated Ph.D., etc.).

   M.Sc. (Mathematics)
   M.Sc. (Applied Mathematics)
   M.Sc. (Computer Science)
   M.Sc. (Maths. with Computer Science)
   Ph.D. in Mathematics/Applied Mathematics
   Ph.D. in Computer Science
5. Interdisciplinary courses and departments involved : Yes

   Elementary Number Theory and Programming in C
6. Courses in collaboration with other universities, industries, foreign institutions, etc

   Nil
7. Details of programmes / courses discontinued, if any, with reasons.
8. Annual/ Semester/Choice Based Credit System.

   Semester and CBCS
9. Participation of the department in the courses offered by other departments: Yes
   1. Zoology
   2. Biochemistry
   3. Geography
   4. Geoinformatics
   5. Statistics
   6. Environmental Science
   7. Computer Science
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Designation	Sanctioned	Filled
Professor	5	01(Open) 4 (CAS)
Associate Professor	8	06 (CAS)
Asst. Professor	2	02(Open)

11. Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./ Ph.D. /M.Phil. etc.):

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Prof. B. Shanker	M.Sc. Ph.D	Professor	Computational Fluid Mechanics	32	2
Prof. M.V. Ramana Murthy	M.Sc. Ph.D	Professor	Computational Fluid Mechanics, Network Security, GIS, ANN	31	4
Prof. M. Rangamma	M.Sc. Ph.D	Professor	Number Theory	31	1
Prof. J. Sucharitha	M.Sc. Ph.D	Professor	Mathematical Modelling	32	1
Dr. J. Anand Rao	M.Sc. Ph.D	Professor	Computational Fluid Mechanics	18	2
Dr. C. Goverdhan	M.Sc. Ph.D	Associate Professor	Number Theory	22	--
Dr. M. Chenna Krishna Reddy	M.Sc. Ph.D	Associate Professor	Mathematical Modelling, Computational Fluid Mechanics	22	--
Dr. AlkaMashalker	M.Sc. Ph.D	Associate Professor	Number Theory	32	--
Dr. N. Kishan	M.Sc. Ph.D	Associate Professor	Computational Fluid Mechanics	22	1
Dr. G. Kamala	M.Sc.Ph. D	Associate Professor	Number Theory	22	--
Dr.B.Surender Reddy	M.Sc. Ph.D	Associate Professor	Operator theory	17	--
Dr. B. Krishna Reddy	M.Sc. Ph.D	Assistant Professor	Operator theory	19	1
Mr. Hari Singh Naik	M.Sc.	Assistant Professor	Computational Fluid Mechanics	10	--

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors. –Nil-
13. Percentage of classes taken by temporary faculty – programme -wise information.

M.Sc. (Mathematics)	30
M.Sc. (Applied Mathematics)	30
M.Sc.(Computer Science)	75
M.Sc. (Maths. with Computer Science)	75

14. Programme-wise Student Teacher Ratio:

M.Sc. (Mathematics)	20:1
M.Sc. (Applied Mathematics)	20:1
M.Sc. (Computer Science)	20:1
M.Sc. (Maths. with Computer Science)	20:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled.

Tech -2, Admin-Nil, Class IV-2.

16. Research thrust areas recognized by funding agencies.

Fluid Mechanics

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

Prof. B.Shanker Rs.67.5 - DSA Ph-I (2013-17)

18. Inter-institutional collaborative projects and grants received

a) All India collaboration b) International: Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

UGC - DSA under SAP (2013-2017) – Rs. 67.50 Lakhs But received only19lakh

20. Research facility / centre with

- State recognition

National recognition: The UGC has recognized the department and awarded DRS I, II, III and DSA I.

- International recognition :

21. Special research laboratories sponsored by / created by industry or corporate bodies.

Yes

DRDO -- Network Security Application.

DRDO -- Network securities.

CSIR -- Computational Bioinformatics.

22. Publications:

*	Number of papers published in peer reviewed journals (national / international)	:	National	165
			International	35
*	Monographs	:	--	
*	Chapters in Books	:	--	
*	Edited Books	:	--	

*	Books with ISBN with details of publishers		--
*	Number listed in International Database (For *e.g*. Web of Science, Scopus, etc.)	:	--
*	Citation Index – range / average	:	--
*	SNIP	:	--
*	SJR	:	--
*	Impact Factor – range / average	:	3.0
*	h-index	:	--

23. Details of patents and income generated : --

Granted:

1. Ramlingam- Ramanamurthy – Traffic Management system for Urban Intersection No. 3204/CHE/2012.
2. Ramlingam- Ramanamurthy – Traffic Management system for Urban Pedestrian Crossing No. 5103/CHE/2012

Filed:

Two patents- One from US and other from UK, in the domain of network securities in collaboration with DRDO along with Dr. Gopal Krishnamurthy.

24. Areas of consultancy and income generated : Nil

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad: Yes,

Prof. M. V. Ramnamurthy, University of Calfornia, Berekly, USA-2013

National University of Singapore- 2012

26. Faculty serving in :

Editorial Board: Prof. M. V. Ramnamurthy; Science Journal, International Journal of Technical Management, International Journal of Advance Research (IJAR),

27. Faculty recharging strategies : Yes

Majority of faculty are involving in conducting workshops and instructional symposiums to disseminate knowledge:

Conducted National Workshops on:

Cloud computing, 2013.
Net Technologies, 2013.
Securities in Cloud computing, 2012.
Computational Methods, 2011.
Big data securities.
Math Modelling for real world problem.
G vis on computational technique in Fluid Mechanics.
Conducted workshop for teachers working in junior and degree colleges.
Special classes for NET/SLET examination in the department.
Recent advances in Fluid Mechanics 30&31st May 2016.

One Day Seminar on**"Relevance of Mathematics to Real World Problem"** on 16thNovember, 2016

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects:

  M.Sc. (CS/MCS): 50%
  (NRSA, ADRIN, DRDO, CSIR Labs)

- percentage of students doing projects in collaboration with other universities / industry / institute : other Institute

  Projects including inter-departmental projects (other Institute): 50%

29. Awards / recognitions received at the National and International level by :

- Faculty: Dr. Hari Singh Nayak
- Doctoral / post doctoral fellows : Nil
- Students : Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

1.Recent advances in Fluid Mechanics 30&31 May 2016
2.Mathematics Day 16 November 2016

Conducted certificate course on NET Technologies of 6 weeks duration during June-July 2013. Some of the participants have secured placements in MNC's like Wave IT solutions. 66 students were short listed for employed.

60	5	2	33
60	5	2	33
58	2	0	40
70	10	10	10

31. Code of ethics for research followed by the departments

Yes

Research Scholar are instructed to submit Soft Copy of the Thesis for maintaining standards as per UGC norms.

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	**Applications received**	**Selected**		**Pass percentage**	
		Male	**Female**	**Male**	**Female**
M.Sc(Mathematics)	7000	31	14	80	80
M.Sc(Appl.Mathematics)		30	15	80	80
M.Sc(Mathematics with CS)		21	21	80	80
Computer Science	1500	30	19	80	80

33. Diversity of students:

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc. (Mathematics)	60	5	-	20
M.Sc. (Applied Mathematics)	60	5	-	20
M.Sc.(Computer Science)	58	2	-	20
M.Sc. (Maths. with Computer	70	10	-	20

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

i. NET: 10
ii. SET: 20
iii. GATE: 20

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	25
Ph.D. to Post-Doctoral	05
Employed • Campus selection • Other than campus recruitment	 20 70
Entrepreneurs	10

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	95
from other universities within the State	5
from universities from other States	--
from universities outside the country	--

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period: 02

38. Present details of infrastructural facilities with regard to:

a) Library	:	Yes
b)Internet facilities for staff and students	:	Yes
c)Total number of class rooms	:	10
d)Class rooms with ICT facility	:	01
e) Students' laboratories	:	03
f) Research laboratories	:	02

39. List of doctoral, post-doctoral students and Research Associates :

a) from the host university	:	40
b)from other universities	:	03

40. Number of post graduate students getting financial assistance from the university.

About 200 students are supported by Department of Social Welfare, Government of A.P. in the form of scholarships.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Ph.D. in Computer Science is introduced to eligible M.Sc. Computer Science and Maths with Computer Science only.

42. Does the department obtain feedback from :

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, constantly we review the curriculum in order to meet the requirements

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, Based on the feed backwe assess the lacuna and incorporate the necessary changes in an effective manner.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes, Alumni suggestions are taken into account to strengthen the programmes and to impart standard quality of courses which fetches good carrier

43. List the distinguished alumni of the department (maximum 10):

1. ProfLaxmikantham	5.Prof.Sambasiva Rao	9.Prof.N.Gopal Reddy
2. ProfVanjaIyengar	6.Prof.KuppuSwamy Rao	10.Prof.D.Ram Murthy
3. ProfShiva Ra Prasad	7. Prof.K.Narsimha Reddy	
4. ProfJ.RamaKanth	8. Prof.K.Satyanaryana	

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

The Department has organized several workshops and arranged special lectures during the period under review for the benefit of students as well as teaching staff.

The following external members have delivered expert lectures:

Prof.Pradeep G Siddeshwar, Bangalore University

Dr.Mahesha Narayana, M.S.Ramaiah University, Bangalore

Prof.B.S.Gireesha, Kuvempu University, Shimoga.

Dr.Mahantesh, Gulbarga University, Gulbarga.

Prof.Y.N.Reddy, NIT, Warangal

Dr.D.Sinivasa Chary, NIT, Warangal

Prof. Gorla, University of Maryland, USA

Prof. V. Lakshmikantham, Univ. of Florida.(Late)

Prof. P.C. Kaloni, University of British Colambia, Canada.

Prof.GnanBhaskar,Univ of Florida, USA.

Prof. Grunter Smith, Univ of Paris.

Prof.Bristnaska, Brats Slovakia.

Prof. C Ram moorthy, Univ of California Berkly.

Prof. Murrat, P., University of Albama.

Prof. Freedman, Edmonton. Canada

Prof.BalSwaroop Bhatt, University of West Indies

Prof. S. Chandan, University of Iowa, AMES,USA

Prof. Joseph Bristnsiqi, University of Brats Slovakia.

Prof. S.S. Roy, IIT, Chennai.

Prof. Maithili Saran, IIT, Delhi

Prof.Ramababu Mishra, BHU

Prof. Peter Jackson, University of Auckland

Prof. N. Rudraiah, Former Vice-chancellor, Gulbarga University

Prof. A.R. Rao, IISc, Bangalore

Prof.DeshPande, IISc. Bangalore

Prof.Ratish Kumar, IIT, Kanpur

Prof. U.C. Das, University of California, Berkly

Prof. B.S. Sada Khan, IEEE

45. List the teaching methods adopted by the faculty for different programmes.

Conventional chalk and talk method, and ICT enabled method.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Timely completion of syllabus as per the almanac, continuous evaluation, identification slowlearners, and review of student performance at end of semester examination.

Success rate of getting employed is on the higher scale. It establishes the objective of the program, besides this many of the students are getting admitted in to higher

learning institutes of International repute for M.Tech. & Doctorial programs many students are successfully getting CSIR / NET fellowships.

A consistent review and Audit is conducted for various factors of empowering students for employment. By conducting a third-party evaluation with outstanding industrialist from Mahendra Tech, Tech. Vedica, Wipro etc.

It is also made compulsory for all the students to undergo Soft and Communicative Skills training during evening hours.

47. Highlight the participation of students and faculty in extension activities.

Students IT meets were conducted by involving Expertise from industries.

48. Give details of "beyond syllabus scholarly activities" of the department.

Students were involved in the live projects based on the curriculum. They are asked to participate in Career Development Programmes and also in Model Training Colleges/Institutes.

49. State whether the programme / department is accredited/ graded by other agencies? If yes, give details : UGC

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Research Progress in Fixed Point Theory, Computitional Fluid Mechanics, Fluid Dynamics, Differential Equations, Magneto Hydro Dynamics, Opeartion Research, Number Theory, Differntial Geometry, Neural Networks, Modeling, Functional Analysis etc.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- The Department is strong in curriculum design and administration matching needs of IT Sector.
- Strong in Curriculum design to meet future challenges of IT sector and R & D establishments and other organisations.

Weaknesses:

- Insufficient Human Resources.
- There are not many opportunities for Consultancy Work.

Opportunities:

- Ample opportunities in Teaching.
- Using ITS and more demand exists for creating employment to pass outs.
- Collaboration in Research and Development Organisations.

Challenges:

- Strengthing of Innovative Research in all branch of Mathematics.

52. Future plans of the department.

- To develop Excellent Mathematical tools which are essential for Network security applications and computational biological models.
- To develop improved Mathematical tools for Network Security Applications and Computational Biological Models.
- To Design fuel efficient Commuting Methods.(Multi-Energy Modes)

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Department of Microbiology

1. Name of the Department : Microbiology
2. Year of establishment : 1974
3. Is the Department part of School/ Faculty of the university?

   Yes, Faculty of Science
4. Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

   M.Sc. in Microbiology

   Ph.D. in Microbiology
5. Interdisciplinary courses and departments involved Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   Bioinformatics with the National Institute of Nutrition

   Biochemistry with the Department of Biochemistry
7. Details of programmes/ courses discontinued, if any, with reasons Nil
8. Annual/Semester/Choice Based Credit System

   Semester System with CBCS
9. Participation of the department in the courses offered by other departments

   Nil
10. Number of teaching posts sanctioned and filled (Professors/ Associate Professors/ Asst. Professors)

Designation	Sanctioned	Filled
Professor	1	2
Associate Professor	2	1
Assistant Professor	5	5

11. Faculty profile with name, qualification, designation and specialisation (D.Sc/ D.Litt. /Ph.D. / M.Phil. etc.)

Name	Qualifi-cation	Desig-nation	Specialization	No. of years of Experience	No.of Ph.D. students guided for the last 5 years
Dr. P. Acharya Nagarjun	M.Sc. Ph.D	Associate Professor	Medical Microbiology	25	--
Dr. B. Bhima	M.Sc., Ph.D	Assistant Professor	Probiotics: Food	12	--

			Microbiology		
Dr. Hameeda Bee	M.Sc., Ph.D	Assistant Professor	Microbial Ecology	8	--
Dr. B. Sandeepta	M.Sc., Ph.D	Assistant Professor	Microbial and Molecular PAthogenesis	8	--
K.ShantiKumari	M.Sc.	Assistant Professor	Molecular Biology	3	--

12. List of senior Visiting fellows, faculty. Adjunct faculty, emeritus professors

    02 (UGC-BSR faculty fellows)

13. Percentage of classes taken by temporary faculty- programme- wise information

    20

14. Programme –wise Student Teacher Ratio

    M.Sc. Microbiology – 8:1

15. Number of Academic support staff (technical) and administrative staff: sanctioned and filled

Post	Sanctioned	Filled
Academic Support Staff	5	4
Administration	2	--
Others	--	5

16. Research thrust areas recognized by fundinggencies

    - Microbial Biotechnology (UGC-SAP)
    - Fermentation Technology for microbial production (DBT)
    - Micfrobial enzyme production (DST)
    - Microbial and Molecular pathogenesis (UGC)
    - Development of Efficient Probiotics (DST & UGC)

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project- wise.

    Research Projects: Total grants received

Funding agencies National	Total amount (Rs. lacs)
DST	42.24
UGC	111.98
Total	**154.22**

Research Projects: Grants received project wise

Name of the Teacher	Title of the Project	Duration	Funding Agency	Amount Rs.
Prof. L.Venkateshwar Rao	Bioethanol production from steam exploded cotton stalks using thermotolerant yeast	2011-13	UGC	7.9 lacs
	Bioethanol production with chilly plant stalks using thermotolerant*Saccharomyces cerevisiae*.	2011-14	DST-Purse	6 lacs
Prof. Gopal Reddy	Perspectives of NS1 antigen detection for early clinical diagnosis of dengue	2011-13	DRDE	8 lacs
	Alkaline protease….substrates Process for production of steviosidebioconjugates	2011-14	DST-PURSE	6 lacs
	Production of keratinolytic protease by microbial fermentation	2012-15	UGC	10 lacs
	Process for production of steviosidebioconjugates	2010-13	DBT	25 lac
Dr. B. Bhima	Studies for….. yeast production	2011-14	DST-PURSE	7 lacs
	Studies for….antibiotic resistance genes	2012-15	UGC	11 lacs
	Development of efficient probiotic yeast for poultry production	2013-17	DST	35.2 lacs
Dr. Hameeda Bee	Microbial……bioremediation	2011-14	DST-PURSE	7 lacs
	Quorum sensing… Aspergillus	2013-16	UGC	10.98 lacs
Dr. SandeeptaBurgula	Effect of Hypoxia on regulation of PEP I and role of Calpain Activation	2011-13	UGC	10.09 lacs

	Proteome analysis ….. sepsis patients	2011-14	DST-PURSE	5 lacs
	Effect of L-ODAP ……wound healing	2012-15	LSRB-DRDO	36 lacs
	Total			**186.17 lacs**

18. Inter – institutional collaborative projects and grants received

a) All India collaboration: Nil b) International: Nil

S.No.	Title	Collaborator	Grants (Rs. in Lacs)	Period
1.	Production of microbial enzymes, scale up studies optimization experiments and demonstration of bioethanol production from rice strow/wheat strow	BPCL	17.90	2011-12
2.	Perspectives of NS, antigen detection for early diagnosis of dengue	DRDE	8.00	
3.	Cost effective production of L-Lactic and for the synthesis of PLA and application of biodegradation	IIT, NIIST	39.28	

19. Department projects funded by DST-FIST; UGC-SAP/CAS, DPE, DBT, ICSSR, etc.; total grants received.

Funding agency	Total grants
UGC-SAP (DRS)	Rs. 58.5 lakhs + 1project fellow
DST-FST	Rs. 35 lakhs

20. Research facility/ centre with

- State recognition Nil
- National recognition Nil
- International recognition Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies --

22. Publications

*	Number of papers published in peer reviewed journals (national / international)	:	50 84
*	Monographs	:	--
*	Chapters in Books	:	11
*	Edited Books	:	--
*	Books with ISBN with details of publishers		--
*	Number listed in International Database (For *e.g*. Web of Science, Scopus, etc.)	:	--
*	Citation Index – range / average	:	--
*	SNIP	:	--
*	SJR	:	--
*	Impact Factor – range / average	:	--
*	h-index	:	--

23. Details of patents –11

1. A simple and improved process for production for production of highly purified stevioglycosides from the extracts of Stevia rebaudiana. Indian patent No: 0033NF 2011 dated 09-02-11.
2. Process for continuouse production of cephamycin c by fermentation using immobilized s reptomyces clavuligerus cells IP No1556/mas/96 (1556/mas/96) dt 1996-09-06
3. Process of producing Cephamycin-C by submerged batch fermentation, 1557/MAS/96 (1557/MAS/96), Dt 1996-09-06
4. Anti cancer peptide drugs with novel activity and their biotechnological production. IP 1207/CHE/2005 Dt2007-12-07.
5. Novel human basic fibroblast growth factor active site, mutated at one or more positions to increase the efficacy for vitiligo treatment.IP 851/CHE/2005 -2008-01-25.
6. Microbial fermentation for production of fumagillin. Indian Patent. 444/DEL/09 dt.9.3.2009
7. A Process for the preparation of new thermostable protease Enzyme. Indian Patent. 544/DEL/99 dt.8.4.1999
8. An enzymatic process for the preparation of aspartame. Indian Patent. 545/DEL/99 Dt. 8.4.1999.
9. Process of Producing Cephamycin-C By Solid State Fermentation. 1555/MAS/96 (1555/MAS/96). Publication Date 1997-02-01
10. Process for continuous production of cephamycin c by fermentation using immobilized s reptomyces clavuligerus cells. 1556/MAS/96 (1556/MAS/ 96), Publication Date 1997-02-01

11. Process Of Producing Cephamycin-C By Submerged Batch Fermentation 1557/MAS/96 (1557/MAS/96), Publication Date 1997-02-01.

24. Area of consultancy and income generated - Nil

25. Faculty selected nationally/ internationally to visit other laboratories in india and abroad

Dr. SandeeptaBurgula	Raman Post Doctoral Fellowship (2015-16) to pursue postdoctoral studies at Pensyllvania state university
Dr. B. Bhima	Raman Post Doctoral Fellowship (2013-14) to pursue postdoctoral studies at Pensyllvania state university

26. Faculty serving in

a) National committees b) international committee c) Editorial Boards d) any other (Please specify)

National committees	7
International committee	2
Editorial Boards	2

27. Faculty recharging strategies:

The faculty members are actively participating in Refresher and Orientation courses, seminars and other conferences.

28. Students projects: None

- Percentage of students who done in-house projects including inter-department projects
- Percentage of students doing projects in collaboration with other universities/ industry/ institute

29. Awards/ recognition received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

Name of awardee Faculty	Number of awards	Award details
Dr. P. Acharya Nagarjun	1	Outstanding achievement award from GUARD Society (2016)
Dr. B. Bhima	1	Associate Fellow, Telangana Science Academy

Dr. B. Bhima	6	Raman Post Doctoral Fellowship (2013-14), USA Award for Research Excellence by Indus foundation SAB-Young Scientist Award- 2012, Poster Award, Best Poster Award during National symposium (2012) of SAB Young Researcher award – 2013 by OMICS International conference group Best Poster award during Bacterology and Infectious diseases conference, Dec 20-22, 2013, Baltimore, USA
Dr. Sandeepta B	1	PDF (UGC-RAMAN fellowship) 2016-17

30. Seminars/ conferences/ workshops organized and the source of funding (national/ international) with details of outstanding participants, if any.

1. Organised national leval seminar titled "Recent Trends in Microbiology" on 26th – 29th February 2015
2. Organised national leval seminar titled "Advances in Microbiology" on 29th to 30th may 2015

31. Code of ethics for research followed by the departments Antiplagarism

32. Students profile course- wise:

Name of the course (refer to question no.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc. Microbilogy		16	16	95	100

33. Diversity of students

Name of the Course (refer to question no.4)	% of students from the same university	% of students from other universities within the state	% of students from universities our side the state	% of students from other countries
PG	95	5	--	--
PhD	85	5	--	10

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Civil, and Defence Services	:	--
NET	:	1
SET	:	09
GATE	:	5

35. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	20
Ph.D. to Post- Doctoral	--
Employed	--
• Campus selection • Other than campus recruitment	10 30
Entrepreneurs	--

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	86
From other universities within the State	14
From universities from other States	--
From universities outside the country	--

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period

Two faculty received Ph.D during the assessment period.

38. Present details of infrastructural facilities with regard to

a)	Library	:	one with
b)	Internet facilities for staff and students	:	available for PG students. Internet facility to all staff members.
c)	Total number of class rooms	:	2
d)	Class rooms with ICT facility	:	2
e)	Students laboratories	:	3

f) Research laboratories : 10

39. List of doctoral, post- doctoral students and Research Associates

a) From the host university : 22

b) From other universities : 1

40. Number of post graduate students getting financial assistance from the university.

All the students belonging to Sc/ST and BC categories are supported with Social Welfare scholarships.

41. Was any needed assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.

--

42. Does the department obtain feedback? Yes

a. Faculty on curriculum as well as teaching – learning –evaluation? If yes, how does the department utilize the feedback?

Yes

b. Students on staff, curriculum and teaching- learning- evaluation and how does the department utilize the feedback?

Yes

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes

43. List the distinguished alumni of the department (maximum 10)

1. Dr. Venkateshwar Rao, Okhlohma University, USA.
2. Dr. KalpagamPolasa, Retired Director, NIN
3. Dr. B. Venkateshwarlu, VC, VKMKV.
4. Prof. Shobhanadithya, Dept. of Biochemistry, OU
5. Dr. Sairam, V.P., DrReddys Labs
6. Dr. Matthew Zachariah

44. Give details of students enrichment programmes (special lectures/ workshops/seminar) involving external experts

Experts are invited periodically from national and international institutes – as visiting scholars – and students are exposed. Department organizes guest lectures from eminent Scientific community and encourages students to participate in workshops and seminars conducted within university and CFRD

45. List the teaching methods adopted by the faculty for different programmes.

- Blackboard teaching
- Power point presentations
- Video documentaries

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The Dept. Frequently organized staff meetings and reviews the various activities and programmes of the dept. Constantly to meet the objectives and also the outcomes are monitored regularly

47. Highlight the participation of students and faculty in extension activities.

- Sports: Students have won awards and medals in shooting
- Dance programmes, Meditation programs conducted
- Blood donation camp conducted by Department of Microbiology (2012, 2014, 2016)
- Staff involved in teleconferences conducted by TSCHE to highlight research activities for the benefit of research scholars of higher learning institutions.

48. Give details of "beyond syllabus scholarly activities" of the department.

The dept. organizes various guest and extension lectures from eminent persons to ensure that the students acquire more skills and knowledge beyond syllabus.

49. State whether the programme/ department is accredited/graded by other agencies? If yes, give details.

--

50. Briefly highlight the contributions of the departments in generating new knowledge, basic or applied.

The Faculty at the department are involved in studies involving strain improvement and fermentation technology. Following microbial products have been concentrated upon in developing microbial strains:

Lactic acid bioethanol, fumagillin, probioties, plant growth promoting rhizobacteria.

Extensive strain improvement studies are continuously in progress, the results of which are published every year in reputed peer reviewed journals having high impact factor.

51. Details any five strengths, weaknesses, opportunities and challenges (SWOC) of the department.

Strengths:

- Strong team of faculty teaching different areas of Microbial Biotechnology, Molecular and Medical Microbiology, Food and Environmental Microbiology and Microbial and Molecular Ecology
- Dept. is doing active research in the field of Microbial Biotechnology, Strain improvement, utilizing cheap raw materials
- Value added products are being made using efficient microbial strains
- All faculty members are actively involved in research and have ongoing projects from different funding agencies

- Faculty are also involved in national and international committees and editorial members and also involved in international collaborations

Weakness:

- Department building is 42 year old and many exisiting equipment is beyond repair and new equipments are required
- Other infrastructure also need improvement
- Separate extension of building with classrooms, laboratories , seminar halls, faculty rooms with all amenities are needed

Opportunities:

- Students are getting good placements in institutes and Govt Degree colleges after their PG and PhD degree
- Students are entering into research institutes after PG
- After PhD. Research scholars are going for international PDF programs

Challenges:

- Dept. Faculty are trying to develop viable technologies for value added products like ethanol, xylitol, Lactic acid, Probiotics, Biofertilizers, Anti-tumor drugs etc
- Technology is being transferred. Patents are filed.

52. Future plans of the department.

The department is activly involved in improving the

- infrastructure of the department
- establishment of research laboratories
- New seminar hall, extension of the building etc

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Department of Physics

1. Name of the Department : Physics
2. Year of establishment : 1918
3. Is the Department part of a Faculty of the University?

   Yes – Faculty of Science
4. Name of Programmes/Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   1. Ph.D.(Physics)
   2. M.Sc. (Physics)
   3. M.Sc. (Applied Electronics)
   4. Post Graduate Diploma in Radiological Physics
5. Interdisciplinary courses and departments involved

   1. M.Sc(Nano Scince) has interdisciplinary nature in Physics, Mathematics, life sciences and Chemistry
   2. PG Diploma in Radiological physics relates to physics, life sciences and medicine
6. Courses in collaboration with other Universities, industries, foreign institutions, etc

   PG Diploma in Radiological Physics course has collaboration with KIMS, Indo-American Cancer Institute, Omega Hospital, American Oncology Institute, Nucleonix Systems Pvt. Ltd.
7. Details of programmes/ Courses discontinued, if any, with reasons

   M.Sc Nanoscience w.e.f. 2012-13, a DST- National Nano Mission sponsored course. The infrastructure developed is being used for M.Sc. (Physics) with Nanoscience specialization as the above project is completed.
8. Annual / Semester / Choice Based Credit System : Semester- CBCS
9. Participation of the department in the courses offered by other departments --
10. Number of teaching posts sanctioned and filled (Professors / Associate Professors / Assistance Professors)

Designation	Sanctioned	Filled
Professor	16	11
Associate Professor	14	01
Assistant Professor	05	03

11. Faculty profile with name, qualification, designation and specialization (D.Sc/ D.Littt/ Ph.D / M.Phil etc)

Name	Desig-nation	Qualifi-cations	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Dr. J. Siva Kumar	Professor	M.Sc, Ph.D	Polymer composites	30	4
Dr. G. Prasad	Professor	M.Sc, Ph.D	Ferroelectric materials	28	7
Dr. C. Vishnuvardhana Reddy	Professor	M.Sc, Ph.D	Fuel cells& GMR Materials	28	4
Dr. K. Madhukar	Professor	M.Sc, Ph.D	Biopolymers	28	3
Dr. M. V. Ramana Reddy	Professor	M.Sc, Ph.D	Thin films	27	3
Dr. D. Ravinder	Professor	M.Sc, Ph.D	Magnetic Materials	27	5
Dr. A. Sadananda Chary	Professor	M.Sc, Ph.D	Superionic materials	27	3
Dr. D. Karuna Sagar	Professor	M.Sc, Ph.D	Nonlinear Optics	24	5
K. Uma Sundari	Associate Professor	M.Sc., M.Phil.	Electronics	30	-
K. Kirana	Assistant Professor	M.Sc, M.Phil	Ferroelectric materials	15	-
Dr. M. Srinivas	Assistant Professor	M.Sc., Ph.D.	Photo Luminescent Glasses	10	-
Dr. Md. Shereefuddin	Assistant Professor	M.Sc., Ph.D.	Glasses	9	-

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors

1. Prof. S.Ramana Murthy, UGC-BSR, Faculty fellow
2. Prof. G.S.Kumar, PI DST Project
3. Prof. Varadarajulu, CSIR Emeritus Scientist
4. Dr. Mounika Saharay, UGC FRCP, Assistant Professor
5. Prof. D. Linga Reddy, Emeritus Scientist

13. Percentage of classes taken by temporary faculty-Programme-wise information

10

14. Programme-wise Student Teacher Ratio

8:1

15. Number of academic support staff (Technical) and administrative staff: sanctioned and filled.

Post	Sanctioned	filled
Technical	6	6
Adminstrative	12	12

16. Research thrust areas recognized by funding agencies

Materials Science

Solid State Physics

17. Number of faculty with ongoing projects from a) National b) International funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise

LIST OF INDIVIDUAL RESEARCH PROJECTS

Sl No	PI / Co-PI	Title	Funding Agency	Amount Rs. in lakhs	Duration
1	Prof. G. Bhikshamaiah	Co-relation between structural magnetic and transport properties of some double perorskate compounds effects of doping	PURSE	3.69	2011-14
2	Prof. G. Bhikshamaiah	Structural, Transport & Magnetic Properties of double Perovskite Materials	DST-SERB	31.70	2014-17
3	Prof. G. Bhikshamaiah	Dielctric studies of some double Perovskite	UGC-UPE	0.50	2014-15
4	Prof. P. Yadagiri Reddy	Optimization of time filtering methodology for stochastic process and investigation of atomic diffusion in solids through Mossbauer Resonance	DST	22.80	2008-10
5	Prof. P. Yadagiri Reddy	Investigation of spin and lattice polaron inter conversion through Mossbauer, Raman and Magnetic susceptibility measurements	PURSE	3.66	2011-14
6	Prof. P. Yadagiri Reddy		UGC	12.00	2012-15
7	Prof. G. Prasad	Finite element analysis --------- platform	DST	11.80	2009-11

Sl No	PI / Co-PI	Title	Funding Agency	Amount Rs. in lakhs	Duration
8	Prof. G. Prasad	Synthesis and characterization of some graded ferroelectrics	PURSE	5.01	2011-14
9	Prof. G. Prasad	Synthesis and characterization of graded ferroelectrics	UGC	11.00	2012-15
10	Prof. G. Prasad	Synthesis and characterization of Multifunctional Perovskite Ferroelectric composite Materials and Application of Energy and Environemntal Materials	UGC	9.80	2012-14
11	Prof. G. Prasad	Microbial, Keratinase, Nano Materials interaction for poultry waste Management	UGC-UPE-FAR	2.00	2014-15
12	Prof. C. Vishnuvardhan Reddy	Synthesis, Characterisation and Applicatrion of Energy and Environmental Materials	UGC-UPE-FAR	2.00	2014-15
13	Prof. C. Vishnuvardhan Reddy	Magneto transport properties of microwave sintered double layered CMR Magnetites	UGC	14.15	2013-16
14	Prof. M. Nagabhushanam	Synthesis and characterization of doped of nano crystalline thin films for optoelectric device applications	PURSE	3.66	2011-14
15	Prof. R. Sayanna	Spectroscopic, transport studies and solid state battery applications of mixed alkali – alkaline earth borate glasses	PURSE	3.66	2011-14
16	Prof. R. Sayanna	Preparation and Physical Characterisation of Metal Oxide Based Core / Shell Nanostructures of Photovoltaic	UGC-UPE-FAR	0.50	2014-15
17	Prof. B. Appa Rao	Development of new silver barred fort ion conducting glassy materials by solid state battery applications	UGC	9.92	2011-14
18	Prof. B. Appa Rao	Study of up conversion fluorescence in rare earth co-doped oxide glasses	DST-PURSE	3.51	2011-14
19	Prof. B. Appa Rao	Preparation & Characterisation of fort ion in conduct glassy Materials for …… Applications	UGC-UPE	0.50	2014-15

Sl No	PI / Co-PI	Title	Funding Agency	Amount Rs. in lakhs	Duration
20	Prof. P. Venugopal Reddy	Spintronic materials	DRDO	27.00	2008-11
21	Prof. S.Ramana Murthy	Development of high quality nanostructured magnetic materials for high frequency planar devices for magnetic sensor applications	DRDO	36.74	2009-12
22	Prof. S.Ramana Murthy	Prototype Development of high performance spinel or garnet materials for circulator applications	DAE-BRNS	27.12	2009-12
23	Prof. P. Kistaiah	Preparation and studies of optical properties of alkali lead fluoborate glasses	PURSE	1.67	2011-12
24	Prof. G. S. Kumar	Dielectric Relaxation study in Nano particulate Pb free Relaxor ferroelectric based multiferroic materials	DST	28.80	2009-12
25	N. V. Prasad	Electrical studies on novel ferroelectric materials for memory applications	DST	15.00	2010-13
26	Prof. D. Ravinder	Electrical Properties of Nano-Ferrites	UGC	9.75	2012-15
27	Prof. M. V. Ramana Reddy	Effect of grain morphology on optical, electrical and dielectric properties of metal oxide thin films	UGC	11.83	2012-15
28	Prof. M. V. Ramana Reddy	Synthesis and Characterisation of Transparent conducting Oxide Thin films for Solar Energy Applications	UGC-UPE-FAR	0.50	2014-15
29	Prof. M. V. Ramana Reddy	Characterisation of metal oxide thin films for multygas sensor applications	DST-PURSE	2.00	2012-15
30	Prof. D. Suresh Babu	Synthesis, Characterisation and application of Energy and Environmental Materials	UGC-UPE-FAR	2.00	2012-15
31	Prof. D. Suresh Babu	Low temperature & High field Mossbauer studies in bulk and nanosized CMR magnetites	UGC	11.87	2012-15
32	Prof. D. Suresh Babu	Optimisation of time filtering methodology for stochastic process and investigation of	DST	22.80	2008-10

Sl No	PI / Co-PI	Title	Funding Agency	Amount Rs. in lakhs	Duration
		atomic diffusion in solids through Mossbauer Resonance			
33	Prof. D. Suresh Babu	Investigation of spin and lattice polaron inter conversion through Mossnauer, Raman and Magentic susceptibility measurements	DST-PURSE	3.66	2011-14
34	Prof. A. Sadananda Chary	Role of Nano-Dispersoids in Nitrate Based Solid Electrolyte Systems	UPE- FAR	0.50	2014-15
35	Prof. K. Karuna Sagar	Studies on the Imaging characteristics of Apodised Optical Systems	UPE-FAR	0.50	2014-15
36	K. Kirana	Synthesis, characterization and optimization of multifunctionality of Ferroelectric ABO_3 perovskite materials	UPE-FAR	0.50	2014-15
37	Dr. M. Srinivas	Tailoring of materials for Luminescence emission in UV region with improved quantum efficiencies for RGB	DST	24.88	2014-18
38	Dr. M. Srinivas	Synthesis and Luminescence studies on Lanthanide ions doped inorganic Nano-Phosphors	UPE-FAR	0.50	2014-15
39	Dr. M. Srinivas	Development of New Materials of Luminescence Emission in UV region with improved Quantum Efficiencies for RGB	DST-PURSE	1.00	2014-15
40	Dr. Md. Shareefuddin	Alkli and Alkaline Earth Oxide Glasses Doped with Rare Earth Elements for Laser Hosts	UGC-UPE	5.00	2014-15

18. Inter-institutional collaborative projects and grants received

a) All India collaboration: Nil b) International: Nil

19. Departmental projects funded by DST-FIST, UGC-SAP /CAS, DPE: DBT, ICSSR, etc; total grants received.

DST-FIST : Rs. 210-00 lakhs

UGC-SAP : Rs. 76-00 lakhs

UGC-BSR : Rs. 80.00 lakhs

20. Research facility/centre with

State recognition : OU Physics Department is Nodal Physics department in the region of Osmania University

National recognition : Department of Physics OU is recognized as a research center in Materials and solid state Physics research by UGC and DST

International recognition : --

21. Special research laboratories sponsored by/ created by industry or corporate bodies

Nil

22. Publications :

*	Number of papers published in peer reviewed journals (national / international)	:	National 251 International 127
*	Monographs	:	--
*	Chapters in Books	:	6
*	Edited Books	:	3
*	Books with ISBN with details of publishers		978-1842-6559-24
*	Number listed in International Database (For *e.g*. Web of Science, Scopus, , etc.)	:	372 (Scopus)
*	Citation Index – range / average	:	1 – 3 / 2.0
*	SNIP	:	--
*	SJR	:	--
*	Impact Factor – range / average	:	1 – 5 / 3
*	h-index	:	2 – 18, 5.2

23 Details of patents and income generated Nil

24 Areas of consultancy and income generated

Expertise is available in Materials synthesis and characterization for consultancy.

25 Faculty selected Nationally / Internationally to visit other laboratories in India and abroad

Yes, to present research work at National and International seminar/ Conference

26 Faculty serving in a) National Committees, b) International Committees, c) Editorial Boards, d) Any other (Please specify)

Faculty of this department is involved in peer-review of UGC, DST and many national and international journals.

27 Faculty recharging strategies

Department uses various programmes and methods for faculty recharge which include:

i. Faculty improvement programs
ii. Orientation courses

iii. Refresher courses
iv. Seminars
v. Conferences
vi. Workshops

28 Student projects

* Percentage of students who have done in-house projects including inter departmental projects

15

* Percentage of students doing projects in collaboration with other Universities / Industry / Institute

15

29 Awards / recognitions received at the National and International level by

Faculty : State best teacher awards, BSR Fellows- 3+1=4

Doctoral / PDFs : 3

Students : 01 (Women Scientist A)

30 Seminars / Conferences / Workshops organized and the source of funding (National and International) with details of outstanding participants, if any

a) International Conference on Recent Trends in Nanostructured Materials and Their Applications (ICRNM-2008). 19th – 20thDecember, 2008.

b) "International Conference on Applications of Renewable and Sustainable Energy for Industry and Society" REIS, 2010. December 16-18, 2010.

c) 40thNational Seminar on Crystallography, (40th NSC-2011) 25th -28th November, 2011.

d) "National Seminar on Advanced Materials and Their Applications (NSAM, 2013)" 27th– 28th February, 2013.

e) Advanced materials for energy applications NCAMEA 2014. 21 Jan – 1Feb, 2014

f) National conference on Absorption and Magnetic Resonnance Spectroscopy and their Integration for sustained Human Development NCAMRS-SHD 2014, 30 & 31 Aug, 2014.

31 Code of ethics for research followed by the departments

Yes

32 Student profile course-wise.

Name of the Course (refer to question no.4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc Physics	3500	60	40	95	98

33 Diversity of students

Name of the Course (refer to question no.4)	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other Countries
M.Sc Physics	60	20	10	10

34 How many students have cleared Civil Services and Defiance Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

NET : **20**
SET : **30**
GATE : **10**

35 Student progression

Student Progression	Percentage against enrolled
UG to PG	--
PG to M.Phil	--
PG to Ph.D.	30
Ph.D. to Post -doctoral	2
Employed	
❖ Campus selection	10
❖ Other than campus recruitment	85
Entrepreneurs	--

36 Diversity of Staff

Percentage of faculty who are graduates		
of the same University	:	85
from other Universities within the State	:	10
from Universities from other State	:	5
from Universities from outside the Counties	:	Nil

37 Number of faculty who were awarded Ph.D., D.Sc and D.Litt during the assessment period.

Nil

38 Present details of infrastructural facilities with regard to

Library	:	Yes
Internet facilities for staff and students	:	Yes
Total number of class rooms	:	08
Class rooms with ICT facility	:	04
Students' laboratories	:	10
Research laboratories	:	05

39 List of Doctoral, Post-Doctoral students and Research Associates

From the host University :

Post Doctoral Fellows:

Sl. No.	Name of the research scholar	Supervisor	Fellowship awarded
1	Dr. G. Lalitha	Prof. P. Venugopal Reddy	Dr. D.S. Kothari Post Doctoral Fellowship (UGC Sponsored)
2	Dr. Y. Kalyana Lakshmi	Prof. P. Venugopal Reddy	Research Associateship (CSIR Sponsored)

List of Research Scholars

Sl. No.	Name of the research scholar	Supervisor	Fellowship awarded
1	Mr. N. Pavan Kumar	Prof. P. Venugopal Reddy	Senior Research Fellowship (CSIR Sponsored)
2	Mr. S. Shravan Kumar Reddy	Prof. Ch. Gopal Reddy	UGC-BSR-RFSMS
3	Mrs. D. Rojasree	Prof. P. Yadagiri Reddy	UGC-Major Research Project-Project fellow
4	Mr. N. Raju	Prof. P. Yadagiri Reddy	OU-DST-PURSE-Project Assistant
5	Mr. Y. Vijaya Kumar	Prof. M.V. Ramana Reddy	UGC-RFSMS
6	Mr. Y. Veera Swamy	Prof. M.V. Ramana Reddy	UGC-RFSMS
7	Mr. G. Anil Kumar	Prof. M.V. Ramana Reddy	UGC-RFSMS
8	Mr. P. Madhukar	Prof. M.V. Ramana Reddy	UGC-Major Research Project-Project fellow
9	Mr. J. Om Prakash	Prof. G. Prasad	DST-PURSE (Project Assistant)

10	Mr. P. Sateesh	Prof. G. Prasad	UGC-Major Research Project-Project fellow
11	Mr. T. Ramesh	Prof. S. Ramana Murthy	CSIR-SRF
12	Mr. Y. Suresh Reddy	Prof. G. Bhikshamaiah	DST-PURSE (Project. Assistant)
13	Mr. M. Naresh	Prof. C. Vishnuvardhan Reddy	UGC-Major Research Project-Project fellow
14	Mr. D. Komaraiah	Prof. R. Sayanna	UGC-BSR-RFSMS
17	Mr. B. Ramesh	Prof. R. Sayanna	UGC-RGNF

Sl. No.	Name	Sl. No.	Name
1	G. Yellaiah	39	S. Shravan Kumar Reddy
2	Anil Kumar	40	Y. Suresh Reddy
3	Y.Vijay Kumar	41	K. Krishna Murthy Goud
4	N. Pavan	42	E. Ramesh Kumar
5	Y. Veera Swamy	43	P. Nageswar Rao
6	G. Srinivas	44	A.Raju
7	Rajani Malathi	45	Y. Mallaiah
8	G. Anjaiah	46	A. Vennela
9	D. Ravinder Naik	47	P. Madhukar
10	N. Mohan Babu	48	D. Shanmukhi Jyothi
11	Rajender	49	Mamatha Gouda
12	T. Sravan Rao	50	R. Praveen
13	T. Ramesh	51	Ch. Madhusudan
14	B. Ramesh	52	T. Ramanarasaiah
15	P. Nagaraju	53	E. Nagaraju
16	S. Uday Bhaskar	54	T. Sravan Rao
17	S. Kiran	55	K. Kirana
18	Kanaka Durga	56	J. Om Prakash
19	S. Neelima	57	P. Sateesh
20	T. Mohan Kumar	58	S. Sulochana

Sl. No.	Name	Sl. No.	Name
21	D. Rajalingam	59	B. Nehru
22	D. Komaraiah	60	N. Durga Rani
23	S. Kavitha	61	P. Raju
24	J. Shankar	62	P. Rama Krishna
25	M. Prasad	63	N. Swapna
26	N. Raju	64	B. Srinivas
27	A. Roopa Rani	65	Khalida Shireen
28	J. Ramesh	66	B. Ashok
29	P. Ashok	67	S. Stalin
30	G. Rajendar	68	V. Arun Kumar
31	Swapna	69	Md. Abdul Basheer
32	Ashok Ande	70	B. Shobhan Babu
33	P. Naresh	71	Ambala Sudarshan
34	Nagaraju Pendam	72	Rita
35	P. Navaneetha	73	K. Thribhuvaneshwar
36	P. Aruna	74	N. Shankaravva
37	R. Gangadhar	75	Somayeh Arian Rad (FS)
38	Mohd. Sajid Hussain	76	Merhawi Abreha

From other Universities : --

40 Number of post graduate students getting financial assistance from the University.

Upto 70% of M.Sc students are availing scholarships from the Dept. of Social Welfare, Govt. of A.P.

41 Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Based on the socital needs and employment opportunities the BoS in consultation with the other faculty members will develop various aspects of any new curriculum and submit to the University through Faculty for necessary approval.

42 Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, through the meetings of the Departmental Research Committee, Boad of Studies and Departmental Committee and their views are duly considered in order to improve the curriculum.

b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, the feedback from students is used to improve the academic requirements and teaching learning process.

c) Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes, the feedback was being utilized effectively for improving the course content and structure.

43 List the distinguished alumni of the department

1. Prof. K. Narasimha Reddy, Vice-Chancellor, MG University, Nalgonda, AP.
2. Dr. S. Vasudeva, Director, IUC, Mumbai
3. Prof. G. Markandeya, IIT, Chennai
4. Dr. Ramana Chary, TIFR Mumbai
5. Prof. Ambika Prasad, Gulburga University, Gulburga
6. Prof. Satyanarayana, Pondichery University
7. Dr. Raghavender Reddy, IUC, Indore
8. Dr. C.V.S. Sastry, Director, AURAG
9. Dr. G. Ravichandra, ARCI, Hyderabad
10. Dr. B. Madhu, Medical Physicist, USA
11. Dr. D. Pallam Raju, Professor, PRL, Ahmedabad

44 Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Special lecture were organized and student workshop also conducted. The National and international conferences are organized in the Department for the enrichment of the students. Below is a list of some of these programs

1. Lecture by S.Vasudeva, Director, IUC, Mumbai, Nov. 2013
2. International Conference on Recent Trends in Nanostructured Materials and Their Applications (ICRNM-2008). 19th – 20thDecember, 2008.
3. International Conference on Applications of Renewable and Sustainable Energy for Industry and Society" REIS, 2010. December 16-18, 2010.
4. 40thNational Seminar on Crystallography, (40th NSC-2011). 25-28th November, 2011.
5. National Seminar on Advanced Materials and Their Applications (NSAM, 2013).27– 28th February, 2013.

45 List the teaching methods adopted by the faculty for different programmes

Chalk and talk, Classroom interaction
Group discussions
OHP

LCD
Computer simulations
Intractive sessions

46 How does the department ensure the programme objectives are constantly met and learning outcomes are monitored?

Through persistent observation, review and improvement at various stages of teaching learning.

47 Highlight the participation of students and faculty in extension activities

Green, Clean programme

48 Give details of "beyond syllabus scholarly activities" of the department

NSS

49 State whether the programme / Department is accredited / graded by other agencies? If yes, give details.

--

50 Briefly highlight the contributions of the department in generating new knowledge, basic or applied

Nanoscience course is introduced.

Some of the important contributions of the Department in the teaching and research front:

i) Developed Magneto electric composite system for magneto electric transducers.

ii) The experimental facility for dynamic pyro electric studies has been set up. This is helping in characterizing infrared pyro detectors.

iii) A wide variety of ferrites are synthesized and studied. Number of Ferrites are developed for microwave nonreciprocal devices, and multilayer chip inductors.

iv) Nanocrystalline magnetic materials are synthesized and characterized for high frequency applications.

v) The measurement of elastic behaviour of ferrites and GMR materials over a wide temperature range. Theoretical models are developed for domain wall dynamics in ferrites.

vi) A unique single channel acoustic emission system has been designed indigenously. The acoustic emission is used to study insight, the poling fatigue and phase transfer methods in piezo electric ceramics. The technique is useful for quality checking of piezo electric systems.

vii) Magneto resistance materials are developed using Lanthanum – Calcium manganates.

viii) The solid state batteries were fabricated and various cell parameters were evaluated.

ix) Few rare earths doped phosphors and CRT phosphors have been synthesized and studied.

x) Tellurium and bismuth based glasses are prepared and characterized. These materials are good for application to photoconductors.

xi) Application of computational methods like Monte carlo method to statistical physics for systems under sever confinement are being studied.

xii) The work on fuel cells and their characterization is being carried out.

xiii) Base line data on the indoor environmental radiation levels has been prepared in he proposed uranium mining areas in Nalgonda district, A.P, in collaboration with EAD, BARC, Bombay.

51 Detail any five Strengths, Weakness, Opportunities and Challenges (SWOC) of the department

Strengths:

- Well developed Infrastructure
- Highly qualified and experienced teaching and laboratory staff.
- Conducive atmosphere for learning, teaching and research.
- Good quality networking lab with interest facility.
- Seminar with large number of latest editions of relevant books and journals.

Weakness:

- Shortage of faculty.

Opportunities:

- The University is conferred with UPE by UGC in which the department acts as a nodal department.

Challenges:

- To provide better academic environment and prepare the students to contribute substantially towards the overall development of the nation.

52. Future plans of the department

- Development of materials suitable for the design of energy saving devices.

***

Department of Statistics

8. Name of the Department : Statistics

9. Year of establishment : 1966

10. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Science

11. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.)

M. Sc. (Statistics)

M.Sc. (Applied Statistics)

Ph.D. (Statistics)

12. Interdisciplinary courses and departments involved

NIL

13. Courses in collaboration with other universities, industries, foreign institutions, etc.

NIL

14. Details of programmes / courses discontinued, if any, with reasons

NIL

15. Annual/ Semester/Choice Based Credit System

Semester (CBCS)

16. Participation of the department in the courses offered by other departments

Yes

17. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

Designation	Sanctioned	Filled
Professor	03	01
Associate Professor	07	02
Asst. Professor	06	05

18. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Dr. V.V. Haragopal	Professor	M.Sc., Ph.D.	Multivariate Data Analysis and Pattern Recognition	30	03
Dr. K. Vani	Associate Professor	M.Sc., M.Phil., Ph.D.	Statistical Inference	29	--
Dr. C. Jayalakshmi	Assistant Professor	M.Sc., M.Phil., Ph.D.	Nonparametric Estimation	27	--
Dr. S.A. Jyothi Rani	Assistant Professor	M.Sc., Ph.D.	Time Series andNeural Networks	10	--
Dr. G. Jaya Sree	Assistant Professor	M.Sc., Ph.D.	Probability Distributions	7	--
Dr. N. Ch. Bhatracharyulu	Assistant Professor	M.Sc., M.Phil., Ph.D.	Design of Experiments	7	--
Dr. G. Sirisha	Assistant Professor	M.Sc., Ph.D.	Statistical Quality Control and Probability	1	--
J.L. Padma Shree	Assistant Professor	M.Sc.	Design of Experiments	1	--

19. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors - Nil

20. Percentage of classes taken by temporary faculty – programme-wise information

    Nil

21. Programme-wise Student Teacher Ratio - 20 :1

22. Number of academic support staff (technical) and administrative staff: sanctioned and filled

    Technical – Sanctioned 02, Filled – NIL

    Class-IV – Sanctioned 02, Filled – 1 Permanent and 1 Time-Scale

23. Research thrust areas recognized by funding agencies

    Multivariate Data Analysis and Neural Networks

24. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise. -

    Funding Agency: UGC-MRP

    Grant Received: Rs.10.05 lakhs

25. Inter-institutional collaborative projects and grants received - NIL

    c) All India collaboration, b) International

26. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

    UGC-SAP: 27 lakhs

27. Research facility / centre with state recognition, national recognition, international recognition

    Nil

28. Special research laboratories sponsored by / created by industry or corporate bodies

    NIL

29. Publications:

*	Number of papers published in peer reviewed journals (national / international)	:	National 56 International 24
*	Monographs	:	--
*	Chapters in Books	:	--
*	Edited Books	:	--
*	Books with ISBN with details of publishers		--
*	Number listed in International Database (For *e.g*. Web of Science, Scopus, etc.)	:	--
*	Citation Index – range / average	:	--
*	SNIP	:	--
*	SJR	:	--
*	Impact Factor – range / average	:	--
*	h-index	:	--

30. Details of patents and income generated - NIL

31. Areas of consultancy and income generated - NIL

32. Faculty selected nationally/ internationally to visit other laboratories in India and abroad - Yes

33. Faculty serving in - National committees and Editorial Boards

    a) National committees b) International committees c) Editorial Boards d) any other (please specify)

A study on "The job performance of Scheduled Casts and Scheduled Tribe, Minorities in the Banking Sectors" sponsored by BSRB, Hyderabad is done by N. Ch. Bhatracharyulu.

34. Faculty recharging strategies - Yes; Faculty FDP on SPSS and workshops

35. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NIL
- percentage of students doing projects in collaboration with other universities / industry / institute - NIL

36. Awards / recognitions received at the national and international level by - NIL
- Faculty
- Doctoral / post doctoral fellows
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any - NIL

31. Code of ethics for research followed by the departments

Research scholars are instructed to take care of plagiarism by asking them to send their work to Peer reviewed Journals as soon as they get the results.

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc.(Statistics)	*	19	24	44	56
M.Sc.(Applied Statistics)		20	25	45	55

* This information is available in the Directorate of PG Admissions. It is not available with the Dept.

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc.(Statistics)	90	10	--	--
M.Sc.(Applied Statistics)	89.075	10	--	0.025

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

SET – 05

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	--
PG to Ph.D.	--
Ph.D. to Post-Doctoral	--
Employed • Campus selection • Other than campus recruitment	 17 50
Entrepreneurs	--

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	100
from other universities within the State	--
from universities from other States	--
from universities outside the country	--

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period - NIL

38. Present details of infrastructural facilities with regard to

a) Library - Yes
b) Internet facilities for staff and students - Yes
c) Total number of class rooms - 05
d) Class rooms with ICT facility - NIL
e) Students' laboratories - 01
f) Research laboratories - 01

39. List of doctoral, post-doctoral students and Research Associates - NIL

a) from the host university

Eleven research scholars are working for their doctoral degree

b) from other universities --NIL

40. Number of post graduate students getting financial assistance from the university.

NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. -- No new programs.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes. Constantly we review the curriculum in order to meet the requirements.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes.Based on the feed backassessment done we incorporate the necessary changes in an effective manner where ever necessary.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes.Suggestions by Alumni are well taken in to account.

43. List the distinguished alumni of the department (maximum 10)

- Sri. A.V. Ramam – Vice President, Cognizant Technologies
- Dr. A. Bhanu Murthy – Sr. Consultant, Microsoft (USA)
- K. Venkateshwara Rao – IPS (AP Cadre)
- S. Sudarshan Reddy - Director, Bureau of Economics and Statistics
- KarunaVakati – IAS
- SharadaPrasadita – General Manager, IIIC Global Head, Wipro Technologies
- Dr. A. Rama Mohan Rao – DDG, NIC Hyderabad
- Dr. A.V.D. Rao – Principal, Science College, Nagarjuna University
- K. Venugopala Rao – Director, Start Minds
- Pramod Kumar Reddy – Unit Manger, Reddy Labs

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

04 Special Lectures by

- Loadstone Learning Institute in SAS, Nov 2014 on SAS Programming.
- Loadstone Learning Institute in SAS, April 2014 on Soft skills and Interview skills.
- TCS, April 2016 on Carrier opportunities in Analytics.
- Guest lecture by Prof. PallaviCitturi, Dept of Statistics, Temple University, USA, June 2016.

45. List the teaching methods adopted by the faculty for different programmes. –

OHP and LCD Projectors

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Through interactive sessions, meetings, seminars, discussions, etc.

47. Highlight the participation of students and faculty in extension activities.

Faculty – Data Analysis, Interdisciplinary Research, Delivering Invited talks at various conferences/colleges etc.

Students – Training, Quizzes, Social work (NSS), Sports etc.

48. Give details of "beyond syllabus scholarly activities" of the department.

Some of the students are involved in live data analysis viz., share market data, time series data, etc.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. - No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Faculty is involved in helping statistical live data analysis for industry oriented, medical research and other inter disciplinary activities.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength -Good in Data Analysis and helping many faculty members, students/Research scholars for their data analysis and free consultancy.

Weakness - Less staff and more workload.

Challenge – To carry out Researchand Teaching with limited teaching and non-teaching staff.

52. Future plans of the department.

In Research to Emphasizon Application of Statistical tools and techniques.

Training students on various software packages viz. SAS, SPSS, R, MATLAB, etc. so that their job opportunities can be widend.

Department of Zoology

1. Name of the Department : Zoology

2. Year of establishment : 1924

3. Is the Department part of a School/Faculty of the university?
   Yes, Faculty of Science

4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.)
   M.Sc. in Zoology
   Ph.D. in Zoology

5. Interdisciplinary courses and departments involved.
   1. M.Sc. Botany (Dept. of Botany)
   2. M.Sc. Computer Science (Dept. of Mathematics)
   3. M.Sc. Microbiology (Dept. of Microbiology)

6. Courses in collaboration with, other universities, industries foreign institutions, etc.
   Certficate Courses in Health Care in colloaboration with Hospitals.

7. Details of programmes / courses discontinued, if any, with reasons.
   None

8. Annual/ Semester/Choice Based Credit System
   Semester with Choice Based Credit System

9. Participation of the department in the courses offered by other departments.
   1. M.Sc. Forensic Science (Department of Chemistry)
   2. M.Sc. Enivormental Science (Department of Botany)
   3. M.Sc. Microbiology (Department of Microbiology)

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Designation	Sanctioned	Filled
Professor	-	5
Associate Professor	-	-
Asst. Professor	-	4

11. Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./Ph.D./M.Phil., etc.)

Name	Qualifi -cation	Desig- nation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Prof. G. Maruthi Ram	M.Sc., Ph.D.	Professor	Entomology	29	4
Prof. T. Naga Raju	M.Sc., Ph.D.	Professor	Physiology	29	2
Prof. Jane P. Theophilus	M.Sc., Ph.D.	Professor	Physiology	26	1
Prof. K. Rudrama Devi	M.Sc., Ph.D.	Professor	Human Genetics & Molecular	30	5
Prof. Sugita Mathur	M.Sc., Ph.D.	Professor	Physiology	26	2
Prof. MD. Masood Hussain	M.Sc., Ph.D.	Professor	Protozoology	26	2
Prof. GeetaRajalingam	M.Sc., Ph.D.	Professor	Helminthology	26	4
Prof. P. Nagaraja Rao	M.Sc., Ph.D.	Professor	Entomology	32	5
Prof. K. Pratap Reddy	M.Sc., Ph.D.	Professor	Neurobiology	26	6
Prof. V. Vanita Das	M.Sc., Ph.D.	Professor	Helminthology	26	4
Prof. Jithender Kumar Naik	M.Sc., Ph.D.	Professor	Eniv. Biology and Toxicology	19	5
Prof. B. ReddyaNaik	M.Sc., Ph.D.	AssociatePro fessor	Entomology	19	4
Dr. Rafath Yasmeen	M.Sc., Ph.D.	Assistant Professor	Physiology	10	-
Dr. G. Sunitha Devi	M.Sc., Ph.D.	Assistant Professor	Physiology	10	1
Dr. A. V. Rajashekhar	M.Sc., Ph.D.	Assistant Professor	Parasitology &Aquat'c Biology	10	3
Dr. C. Srinivasulu	M.Sc., Ph.D.	Assistant Professor	Wildlife Biology	8	4

12. List of senior Visiting Fellows, faculty, adjunct Faculty, emeritus professors.
Prof. V. Krishana Reddy - Emeritus Professor
Prof. K. Rudrama Devi – BSR Fellowship
Prof. T. Nagaraju - Emeritus Professor

13. Percentage of classes taken by temporary faculty – programme-wise information
Nil

14. Programme-wise Student Teacher Ratio
M.Sc. Zoology: 11:1
Ph.D. Zoology: 8:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Post	Sanctioned	Filled
Academic Support Staff	8	6
Administrative Staff	13	14

16. Research thrust areas recognized by funding agencies :
Neurobiology&System Biology - UGC DSA-I (SAPII)

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

Name of the Investigator	Title of the project and duration	Amount sanctioned	Funding Agency
Dr. K. Rudrama Devi	Genetic polymorphisms of VDR receptor genes and SNPs in lead susceptible workers**(2011-14)**	28.20 Lakhs	CSIR
Prof K Rudrama Devi	Monitoring of bidi workers occupationally exposed to tobacco dust **(2012-15)**	18.9	MoE&F
Dr. T. Nagaraju	Inhibition of Indolamine 2,3-dioxygenase by CassaneDiterpinoids and mechanism of action specificity and significance**(2011-13)**	4.8 Lakhs	DST-PURSE
Prof. P. Nagaraja Rao	Identification and characterization of Prophenol Oxidase and Lysozyme expressed as an immune response to bacterial challenges in Castor Semilooper *Achaea janata*(Linnaeus) (Lepidoptera: Noctuidae) **(2012-17)**	12.00 lakhs	UGC
Prof. K. Pratap Reddy	Neurodegenaration in developing rat brain with experimental fluorosis - studies on excitotoxicity and microglial activation mechanisms **(2011-13)**	41.25 Lakhs	DBT
Prof. K. Pratap Reddy	Protective effects of gingerol against neuroinflammation and excitotoxicity leading to neurodegeneration in	6.00 lakhs	OU-DST-PURSE,

Name of the Investigator	Title of the project and duration	Amount sanctioned	Funding Agency
	hippocampus of rat with fluorosis**(2011-14)**		
Prof. K. Pratap Reddy	Isolation, characterization and testing of efficacy of magnoflorine as aldose reductase inhibitor for treatment of diabetes**(2013-17)**	6.00 lakhs	OU-UPE-FAR-III-2
Prof. K. Pratap Reddy	Synthesis of novel heterocyclic drug potential as wound healing agents**(2013-17)**	6.00 lakhs	OU-UPE-FAR/III-4,
Prof. K. Pratap Reddy	Development of transgenic onions (*Aliumcepa)* as a neutraceutical**(2013-17)**	6.00 lakhs	OU-UPE-FAR/II-1,
Prof. K. Pratap Reddy	Studies on neurodegeneration **(2014-2015)**	7.00 lakhs	UGC-BSR one time grant
Prof. K. Pratap Reddy	Excitotoxicity and microglia activation mechanisms **(2011-13)**	11.6 lakhs	UGC-MJRP
Prof. B. ReddyaNaik	Ethnomedicinal plant products for mosquito larvicidal and repellency activity**(2012 to 2014)**	9.0 Lakhs	UGC
Prof. B. ReddyaNaik	Mosquito borne disease **(2012-14)**	12.00 Lakhs	SERB
Prof. B. ReddyaNaik	DNA-barcoding of mosquito fauna**(2014-15)**	1.00 Lakh	DST-PURSE
Dr. C. Srinivasulu	DNA barcoding bats of peninsular India including Andaman and Nicobar Islands – Molecular identity and discoveries of cryptic and sibling species**(2014-17)**	39.30	DST-SERB
Dr. C. Srinivasulu	Status, taxonomy and conservation of bats in the Andaman islands, India-building bridges between scientific knowledge and community participation for conservation**(2014-16)**	21.80	UGC-UKIERI
Dr. C. Srinivasulu	Influence of heteroscorpine-1 toxin on cardiac and breast cancer cell line**(2013-17)**	25.00	UGC-UPE - FAR/III-3
Dr. C. Srinivasulu	Hyperthermia studies for cancer**(2013-17)**	10.00	UGC-UPE-FAR/III-2

18. Inter-institutional collaborative projects and grants received :1 (International)
a) All India collaboration b) International
1. UGC-UKIERI Thematic Partnership Programme in collaboration with University of Bristol, UK

19. Departmental projects funded by DST-FIST, UGC-SAP/CAS, DPE; DBT, ICSSR, etc., total grants received.

Funding Agency	Programme	Total Outlay (in lakhs)
DST	DST-FIST Phase II	55.00
UGC	UGC - DSA-I (SAPII)	141.00

20. Research facility / centre with
- state recognition : NIL
- national recognition : NIL
- international recognition : NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies
Nil

22. Publications:

*	Number of papers published in peer reviewed journals (national / international)	:	National 38 International 102
*	Monographs	:	--
*	Chapters in Books	:	8
*	Edited Books	:	4
*	Books with ISBN with details of publishers		South Asian Mammals C. Srinivasulu & Bhargavi Srinivasulu Springer Verlag, USA ISBN: 978-1-4614-3448-1 + ISBN: 978-81-88722-40-2, ISBN: 978-81-88722-32-7, ISBN: 978-81-88722-33-4 ISBN: 978-81-7800-152-7
*	Number listed in International Database (For *e.g.* Web of Science, Scopus, etc.)	:	45
*	Citation Index – range / average	:	01 – 845 / 62.6
*	SNIP	:	0 – 10.3 / 8.03
*	SJR	:	0.105 – 6.37 / 4.71
*	Impact Factor – range / average	:	0.4 – 4.1 / 1.52
*	h-index	:	2 – 12 / 5.28

Name	Designation	h-index	Citation index
Prof. K. Rudrama Devi	Professor	3	46
Prof. T. Nagaraju	Professor	6	--
Prof. MD. Masood Hussain	Professor	3	24
Prof. Jane P. Theophilus	Professor	2	12
Prof. Sugita Mathur	Professor	--	--
Prof. GeetaRajalingam	Professor	--	--
Prof. P. Nagaraja Rao	Professor	2	25
Prof. K. Pratap Reddy	Professor	10	548
Prof. V. Vanita Das	Professor	--	--
Prof. Jithender Kumar Naik	Professor	--	--
Prof. B. ReddyaNaik	Professor	4	49
Dr. Rafath Yasmeen	Assistant Professor	--	--
Dr. G. Sunitha Devi	Assistant Professor	--	--
Dr. A.V. Rajashekhar	Assistant Professor	--	--
Dr. C. Srinivasulu	Assistant Professor	12	1364

23. Details of patents and income generated

None

24. Areas of consultancy and income generated

None

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad

1. Dr. B. ReddyaNaik, People's Republic of China
2. Dr. C. Srinivasulu, University of Bristol, Bristol, UK
3. Dr. C. Srinivasulu, Queen Mary University of London, London, UK
4. Dr. C. Srinivasulu, Harrison Institute, Sevenoaks, UK

26. Faculty serving in

a) National committees

Dr. C. Srinivasulu

- on Steering Committee on Red Listing Process in India, Ministry of Environment & Forests (Wildlife Division), Govt. of India

b) International committees

Dr. C. Srinivasulu

- on IUCN's Global Mammal Assessment, Global Apmhibian Assessment and Global Reptilian Assessment Programmes
- on IUCN's Freshwater Biodiversity Assessment in the Western Ghats
- on IUCN's Western Ghats Reptile Assessment

c) Editorial Boards

1. Prof. T. Nagaraju

- International Journal of Tryptophan Research
- Journal of Medical and Scientific Research

2. Prof. P. Nagaraja Rao

- Journal of Life Science
- Journal of Plant Protection Science

- Journal of Applied Zoology Researches
- Indian Journal of Zoology

3. Prof. Md. Masood Hussain

- Bulletin of Environmental Science

4. Dr. B. ReddyaNaik

- Journal of Theoretical and Experimental Biology
- Deccan Current Science

5. Dr. G. Sunitha Devi,

- Editor, Bio Life – Online International

6. Dr. C. Srinivasulu

- Journal of Threatened Taxa

d) any other (please specify)

Govt. Advisory Board

1. Prof. K. Rudrama Devi

- on Andhra Pradesh Pollution Control Board, Govt. of Andhra Pradesh

2. Prof. B. ReddyaNaik

- on Telangana State Pollution Control Board, Govt. of Telangana State

3. Dr. C. Srinivasulu

- on Andhra Pradesh Biodiversity Board, Govt. of Andhra Pradesh
- on Telangana State Biodiveristy Board, Govt. of Telangana State.

27. Faculty recharging strategies :

Prof. K. Rudrama Devi

1. Participated in National Seminar on '15th All India Congress of Cytology and Genetics', conducted on 21st to 23rd November 2011 at Magadh University, Bodh Gaya.
2. Participated in 'Indian Science Congress', conducted on 3rd to 7th January 2012 at Bubhaneshwar, Orissa.
3. Participated in National Seminar on '16th All India Congress of Cytology and Genetics', conducted on 23rd to 25th January 2012 at Bangalore University, Bengaluru.

Prof. P. Nagaraja Rao

1. National Advisory Committee Member in 2015: National seminar on Climate change: Ecosystems-Environment and Society
2. Organizing Secretary in 2012: International conference on Global Meet of Biologists (GMB -2012), 26-28 December, 2012 at IICT, Hyderabad, Andhra Pradesh -500 007.

Prof. Mohd. Masood Hussain

1. Departmental Conference, 30th August, 2012 Three day Seminar on Recent Trends in Parasitic Diseases" organized by N.G. College, Nalgonda
2. One day workshop on "Ethical Issues of Animal House and Animal Experimentation, 4th Sept., 2012
3. 4th December, 2012 "One Day Workshop on Diagnostic parsitology" at Sir Ronald Ross Institute of Parasitology

4. Two day workshop on "Tools & Techniques in Zoology" at Sir Ronald Ross Institute of Parasitology 21st& 22nd August, 2012
5. 25th April, 2012 World Malaria at Sir Ronald Ross Institute of Parasitology
6. 13th May, 2012 One Day Workshop at Sir Ronald Ross Institute of Parasitology
7. 25th April, 2015, One day workshop entitled "Malaria and swine-flu lesson and challenges" at Sir Ronald Ross institute of parasitology, Begumpet, Osmania University.

Prof. K. Pratap Reddy

1. Workshop on "Advanced techniques in Neuroscience" from January 1st - 6th, 2011, organized by University of Hyderabad, Hyderabad.
2. Current trends on Neuroscience and Physiology,March2011,DRS-SAP Dept of Zoology,OU.
3. National symposium on teaching Animal Physiology March,2012 DRS-SAP, Dept of Zoology,OU.
4. National symposium on Ethical issues of animal experimentation. DRS-SAP, Dept of Zoology, OU, Sep 4, 2012
5. Workshop on Neuroimaging techniques Feb,2013,DRS-SAP,Dept of Zoology,OU.
6. Workshop on training on bio-statistics for research scholars. 10-12 March 2015.

Prof. V. Vanita Das

1. International seminar on emerging threats and changes to Bio diversity organized by S.V .University March 2-4-2012 Poster presentation on Bio diversity of nematodes in Adilabad district forest B. Kavita, Sk. Zareena, V.Vanita Das
2. National seminar on impact on climate change and industrial pollution on Bio diversity and the need for community conservation initiative jointly organized by MGNIRSA and National biodiversity Authority, Department of Seri culture, Government of A.P, March,28,29-2012 Paper on Bio diversity of nematodes in Chittor district forest Sk. Zareena, V. Vanita Das
3. National seminar on impact on climate change and industrial pollution on Biodiversity and the need for community conservation initiative jointly organizedby MGNIRSA and National biodiversity Authority, Department of Seri culture,Government of A.P, March,28,29-2012 Paper on Bio diversity of Nematodes in Adilabad District forest. B. Kavita, V.Vanita Das
4. International conference on anthropogenic impact on environment and conservation strategy. National Environmental association, Ranchi University,Jharkhand. Paper on Bio diversity of nematodes in Anthropogenic effected soil area in Injapur, Ibrahimpatnam, and Rangareddy district 2-4-november-2012. B. KavitaR.Shireesha, A.Murali, D.Nagesh, V.Vanita Das
5. International conference on anthropogenic impact on environment and conservation strategy. National environmental association, Ranchi University, Jharkhand. Paper on Bio diversity of nematodes in Yellareddymandal, Nizamabad.R.Shireesha ,B.KavitaA.Murali, D.Nagesh, V.Vanita Das
6. International conference meet of biologist Dept of Zoology O.U and IICT Hyderabad December 26-28-2012. Paper on Bio diversity of nematodes in

Chillifield crop in Nagole, RR Disrtict, Hyderabad. B.KavitaSk.ZareenaR.ShireeshaA.Murali, D.Nagesh, V.Vanita Das

7. Conference on Bio sciences with special reference to environmental issues Dept.of Zoology Shivaji University, Kolhapur, M.S, December 19-21-2013. Parer on biodiversity of nematodes in tomoto field crops in Nagole, RR district, AP, B.Kavita , R.Shireesha, V.Vanita Das
8. International conference on Environmental bio technology and bio diversityEBIO-2013 December 9,10-2013 paper on bio diversity of plant parasiticnematodes associated with cotton in Khammam district of Andhra Pradesh.A.MuraliV.Vanita Das
9. Organizing secretary for national convention on peoples contribution in bio diversity conservation and environment Dept. of Zoology, Nizam College and JanavignanaVedika A.P-September, 25, 26-2012
10. Executive member for Global meet of biologist Dept of Zoology and IICT, December, 26, 28-2012.

Prof. B. ReddyaNaik

1. Particiapted in Global Meet of Biologists, organized by OU and IICT December 26-28,2012 at Hyderabad
2. Particiapted and organized a Two-Day National Seminar on "Socio-Economic, Cultural and Political Development of Tribes in Andhra Pradesh" 8-9 June 202 at Osmania Unvieristy, Hyderabad.
3. Particiapted in 1st National Banjara Professors Conference, July 14-15, 2012 at Gulbarga, Karnataka.
4. Participated in National Workshop on "Strengthening the Role and Functioning of Special cells/Equal Opportunity Cells in Unviersities and Colleges" organized by National University of Educational Planning and Administration (NUEPA), from 17-21 December, 2012 at New Delhi
5. Participated and presented two papers in 3rd International Forum for Surveillance and Control of Mosquitoes and Mosquito-Borne Diseases, from May 27-31, 2013 at Suzhou, Jiangsu Province, China.
6. Participated and Organized 2nd National Banjara Professors Conference 14-15 September, 2013 at Hyderabad.
7. Participated in 3rd National Banjara Professors Conference 14-15 July, 2014 at Nanded, Maharashtra.
8. Particpated in Workshop on "new Education Policy" held on 15-06-2015 organized by Tribal Welfare Department, Telangana State, Hyderabad.
9. Participated in the Brainstroming Conference on "Emerging new epidemiological dimensions of Japanese encephalitis (JE) and other Acute Encephalitis Syndroems (AES) held during 26-27 June, 2014 organized by Centre for Research in Medical Entomology (ICMR), Madurai, Tamilnadu.
10. Particpated in a one-day seminar on "Combating Corruption through Lokpal&Lokayuktha sponsored by ICSSR, Southern Region, Hyderabad on 29th November, 2014 at Railway Degree College, Lalaguda, Hyderabad.
11. Particpated in SreeSantSevalalMaharaj Lecture series on "Social Justice" on 9th Feb., 2015 organized by SC/ST Cell, Telangana Unvi., Nizamabad.
12. Participated in National Conference on Advance in Insect Vector Control and Applied Biology from 27-28 Feb., 2015. Nizam Colelge, Osmania Unvieristy,

Hyderabad.

13. Participated in two-day National Seminar on "Dr. B. R. Ambedkar& Dr. BabuJagjivan Ram's Views on promoting Scinece& Technology and iMplementation of Reservation Policies" Organized by CSIR-IICT, Hyderabad, from May 8th -9th 2015.
14. Participated and delivered an Invited Lecture "Integrated Pest/Vector Management" organized by SERB School in Insect Biology, School of Life Science, Unviersity of Hyderabad, Hyderabad, on 7th Dec., 2015.
15. Organized "one-week orientation course on Mosquito Control Measures" from 18-24 Januray 2012, at Sir Ronald Ross Isntitue of Prasitology, OU Begumpet, Hyderabad.
16. Organized Bharat Ratna Dr. Bhimrao Ramji Ambedkar Memorial Lecture On "Dr. B. R. Ambedkar's Vision of Higher Education" By Prof. ShkadeoThorat on 14th April 2012 at SC/ST Cell, Osmania Unvieristy, Hyderabad.
17. Organized a Three-day Workshop on "Research Aptitude Strengthening for Unvieristy Teachers, 27-29 August 2012 at SC/ST Cell, Osmania Unviersity, Hyderabad.
18. Organized Bharat Ratna Dr. B. R. Ambedkar Memorial Lecture on SC/ST sub-Plan: Issues and Perspectives – 2013 by Dr. Narendra Jadhav, on 15th April, 2013 at SC/ST Cell, Osmania Unvieristy, Hyderabad
19. Organized a One-Day National Symposium on "Issues and Challenges in Emancipating the Depressed Classes" on 11th March, 2014, at SC/ST Cell, Osmania Unvieristy, Hyderabad.
20. Organized Bharat Ratna Dr. B. R. Ambedkar Memorial lecture – 2014 "Ambedkar's Ideology: Exploring Constitutional Rights" By Dr. Raja SekharVundru, on 26th April, 2014 at SC/ST Cell, Osmania Unvieristy, Hyderabad.
21. Organized Hyderabad District Level NSS Programme Officers meetings under Osmania Unviersity jurisdiction for the year 2014-15 to chalk out the NSS Action Plan on Task and Targets of NSS Regular Acitivites and Special Campus on 6th August, 2014 at Centre for InterantionalProgramme (OUCIP), Osmania Unvieristy, Hyderabad.
22. Organized Rangareddy District Level NSS Programme Officers meetings under Osmania Unviersity jurisdiction for the year 2014-15 to chalk out the NSS Action Plan on Task and Targets of NSS Regular Acitivites and Special Campus on 7th August, 2014 at Centre for InterantionalProgramme (OUCIP), Osmania Unvieristy, Hyderabad.
23. Organized Medak District Level NSS Programme Officers meetings under Osmania Unviersity jurisdiction for the year 2014-15 to chalk out the NSS Action Plan on Task and Targets of NSS Regular Acitivites and Special Campus on 26th August, 2014 at N.M. GOvt. Degree COlelge, Jogipet, Medak, Dist.
24. Organized 46th NSS Day: Seminar on 'Campus to Community' on 24th September, 2014 at Indira Priyadarshini Hall, Public Gardens, Nampally, Hyderabad.
25. Organized the Debate/ Elocution competition on "Shikshit Bharat, Saksham Bharat – Quality Education for All" on the occasion of "International Student's Day" on 17th November 2014 at Osmania Unvieristy, Hyderabad.
26. Organized a Seminar on "Violence against Women" on the occasion of

International Women's Day for the elimination of violence against women on 25th November, 2014 in collaboration with Centre for Women's Study's NSS cell, Osmania Unvieristy at Platinum Jubilee Conference Hall, PGRRCDE, Osmania Unvieristy, Hyderabad.

27. Organized State Level NSS Mega Camp-2014 from 18-22 Dec., 2014 at Osmania Unvieristy Campus, Hyderabad.
28. Organized a "One Day Workshop on Consumer Protection" incollaboration with the Department of Consumer Affaris, Food & Civil Supplies, Govt. of Telangana State on 23rd December, 2014 for NSS Programme Officers at ICSSR Seminar Hall, Osmania Unvieristy, Hyderabad.
29. Organized the Unvieristy Level NSS Youth Festival for NSS Volunteers on Jan 8, 2015 at Osmania Unvieristy, Hyderabad.
30. Organized the 1st ETI NSS Oreintation Course for untrained and newly appointed NSS Programme Officers from 6th to 13th March, 2015, at ICSSR Mini Conference Hall, Osmania Unvieristy, Hyderabad.
31. Organized the ETI 2nd NSS Oreintation Course for untrained and newly appointed NSS Programme Officers from 7th to 14th April, 2015, at UGC Academic Staff College, Osmania Unvieristy, Hyderabad.
32. Organized "State Level NSS Awards Function" on 24th September 2015 at Tagore Auditorium, Osmania Unvieristy, Hyderabad.

Dr.Rafath Yasmeen

1. Participated in One Day Seminar cum Workshop "Advances in Animal Sciences", St. Frances College for Women, Hyd. on 24th November, 2015

Dr.G. Sunitha Devi

1. Participated in One Day Workshop on "Recent Advances in Parasitology, S.R.R. Institute of Parasitology and Dept. of Zoology, O.U., Hyderabad on 20th August, 2015.
2. Participated in National Workshopon "Effective Presentation Skills", Univ. College of Engineering, O.U., Hyd, on 7th September, 2015.
3. Participated in National Seminar on "Advances in Animal Sciences", St. Frances College for Women, Begumpet, Hyd. 24th November, 2015

Dr.A. V. Rajashekhar

1. Participated in "Modern approaches in Animal Sciences and Applied Biology", Govt. Giriraj Degree & PG College, Nizamabad, on 4th February, 2016

Dr.C. Srinivasulu

1. Participated in International Workshop on 'Western Ghats Reptiles Assessment Workshop', conducted on 21st February to 6th March 2011 at Karl-Kubel Institute of Rural Development, Anaikatty, Coimbatore, Tamil Nadu.
2. National Seminar on Climate Change, St. Francis Degree College, Osmania University, Hyderabad. Dates: 22 to 23 January, 2011.
3. National Seminar on Recent Developments in Biological Sciences 2014, 22-23 August, 2014, Govt. Degree & PG College, Siddipet, Medak.

4. National Symposium on Conservation of Nature and Natural Resources, 21-22 January, 2015, Govt. Degree & PG College, Wanaparthy, Mahbubnagar.
5. National Conference on Advances in Insect Vector Control and Applied Biology, 27-28 February, 2015, Department of Zoology, Nizam College.
6. Participated in Seminar on Latest Developments in Forensic DNA Fingerprinting, 10th March, 2014, Forensic Science Unit, Department of Chemistry, Osmania University.
7. Biostatistics – concepts and applications in research organized by Department of Zoology, OU, 26thMarch, 2014. Resource person for "Hands on experience on using MS Excel in research".
8. International workshop on Field and Laboratory Techniques to Document, Study and Conserve Chiroptera organized by Dept. of Zoology, OU, Hyderabad, 27-31 January, 2016, Organizing Secretary.
9. 9th National Conference of Medical Arthropodology "Emerging and Re-emerging vector-Borne Diseases: surveillances and control, organized by Dept. of Zoology, OU, Hyderabad, 20-21 Aug, 2016, Joint Organizing Secretary.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects : 20
- percentage of students doing projects in collaboration with other universities / industry / institute : 10

29. Awards / recognitions received at the national and international level by

- Faculty:
  Prof. K. Rudrama Devi
  Best Teacher Award, Sevaratna by Navakalavedika, A.P, Nov., 2011
  Dr. C. Srinivasulu
  Best Teacher Award by Vasavi Club, Hyderabad, A.P, September, 2011
- Doctoral / post doctoral fellows:
  Dr. Bhargavi Ramakrishna, Post Doctoral Fellow
  Awarded 'Conservationist Award' by Andhra Pradesh Biodiversity Board and Andhra Pradesh Forest Department
- Students:Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Name of the Seminar	Date	No. of papers presented	No. of Participants		Source of funding
			OU	Other Institutions	
Departmental Conference	19th December, 2011		55		

"World malaria day" at Sir Ronald Ross Institute of Parasitology, department of zoology	25th April, 2012	4	30	20	UGC, OU
153 birthday celebration of Sir Ronald Ross	13th May, 2012	4	25	25	UGC, OU
World mosquito at SRRIP 21st& 22nd August, 2012 Two day workshop on tools & technique in Zoology	20th August 2012	14	32	-	UGC, OU DBT-ISLARE, OU
Global meet of biologists	26-28 December, 2012	300	100	200	UGC, New Delhi
Departmental Conference	30th August, 2012		34		
Molecular mechanisms of neurodegenaration And Practical immunology	29th to 31stMarch, 2012				DRS-SAP III in Zoology, DBT-ISLARE programme and UGC, O.U.
Emerging trends and challenges	April 10-11, 2014				
Three-Days Hands-on Training Workshop on Biostatistics for Research Scholars	10 to 12 March, 2015	-	29	-	UGC-OU
International Workshop on Field and Laboratory Techniques to Doscument, Study and Conserve Chiroptera	27 to 31 January, 2016	-	10	23	SERB & UGC

31. Code of ethics for research followed by the departments.

UGC regulations on minimum standards and procedure for the award of Ph.D. degree – 2009 is followed, including admissions in to the research programme through screening examination either through CSIR/UGC, GATE or Uiversity Level Entrance Examination; the progress of research work being regularly monitored through research seminars and skill development through hands-on training in advanced technology at a regular basis; publication of research findings national and international peer-reviewed journals; rectification of technical and methodological errors in research work and reporting through DRC and open presentations; adjudication of Ph. D. thesis through panel of examiners from relevant fields.

UGC guidelines for discontinuation of dissection and animal experimentation in Zoology/Life Sciences in a phased manner is followed
Guidelines of Institutional Animal Ethical Committee constituted by CPCSEA, New Delhi is followed

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc. Zoology (Previous)	44	23	21	52.17	80.95
M.Sc. Zoology (Final)	54	31	23	64.51	82.60

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc. Zoology	90	9	05	04
Ph.D. Zoology	92	06	02	0

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

NET – 6 students (3OC, 3SCincluding one woman)

1. Ms. Harpreet Kaur, Ph.D. Scholar has qualified CSIR-UGC (NET), 2010
2. Ms. Swetha, M.Sc. student has qualified CSIR-UGC (NET), 2011
3. Mr. Kishore, M.Sc. student has qualified CSIR-UGC (NET), 2013
4. Mr. Tariq Ahmed Shah, M.Sc. student has qualified CSIR-UGC (NET), 2014
5. Ms. Shoeiba Tasneem, M.Sc. student has qualified CSIR-UGC (NET), 2014
6. Mr. K. Sudhakar, M.Sc. student has qualified CSIR-UGC (NET), 2014 and awarded JRF fellowship

SET – 5 students (4 BC, 1SC)

1. Mr. K. Krishna Prasad, Ph.D. Scholar has qualified for SET-2012
2. Mr. T. Giri Prasad, Ph.D. Scholar has qualified for SET-2012
3. Ms. Shoeiba Tasneem, M.Sc. student has qualifiedfor SET-2013
4. Mr. P. Jagadhishwarlu has qualified for SET – 2015
5. Ms. J. KarunaKumari has qualified to SET in 2015

35. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	20
Ph.D. to Post-Doctoral	2
Employed • Campus selection • Other than campus recruitment	 6 68
Entrepreneurs	4

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	100%
from other universities within the State	--
from universities from other States	--
from universities outside the country	--

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period

None

38. Present details of infrastructural facilities with regard to

a) Library : 1
b) Internet facilities for staff and students : Available
c) Total number of class rooms : 4
d) Class rooms with ICT facility : 2
e) Students' laboratories : 4
f) Research laboratories : 7

39. List of doctoral, post-doctoral students and Research Associates

a) From the host university

S.No.	Name	Designation	University
Research Associate			
1.	Dr. Bhargavi Ramakrishna	Research Associate UGC – PDF(W)	Osmania

S.No.	Name	Designation	University
Doctoral students			
Prof. G. Maruti Ram			
1.	UbbuMuthyalu	UGC Meritorius Fellow	Osmania
2.	CH. Satyanarayana Raju	Part Time	Osmania
3.	Kiranmaie D.	Full Time	Osmania

S.No.	Name	Designation	University
4.	A. Srinu	Part Time	Osmania
Prof. L. Rajeswari Anand			
1.	B. Srikanth	Full Time	Osmania
2.	R. Pradeep	Part Time	Osmania
3.	K. Naga Raju	Full Time	Osmania
4.	K. Shyam Sunder	UGC Meritorius Fellow	Osmania
5.	A. Jayapal Reddy	Part Time	Osmania
6.	R. Brahmam	Full Time	Osmania
Prof. T. Nagaraju			
1.	S. Venu	Full Time	Osmania
2.	V. Nagalaxmi	Project Fellowship	Osmania
Prof. K. Rudrama Devi			
1.	M. Pratibha	UGC RGNational Fellow	Osmania
2.	Ch. Prabhakar Reddy	Part Time	Osmania
3	KarunaKumariJaddu	Project Fellowship	Osmania
4.	Anupuram Ravi Prasad	Part Time	Osmania
5.	Srivani	Part Time	Osmania
Prof. Jane Theophilus			
1.	U.L. MadhaviLatha	Project Fellowship	Osmania
2.	M. Apparao	Part Time	Osmania
3.	G. Ravi Babu	Full Time	Osmania
4.	P. Geetha	Full Time	Osmania
Prof. Amarjit Kaur			
1.	S. Ravi Kumar	Full Time	Osmania
2.	G. Paramesham	Full Time	Osmania
3.	Venkateswaramma	Full Time	Osmania
4.	BadathuManjula	Full Time	Osmania
Prof. Md. Masood Hussain			
1.	P. Venkatesh	FIP	Osmania
2.	G. Archana	UGC Meritorius Fellow	Osmania
3.	JayalakshmiSetti	UGC Meritorius Fellow	Osmania
4.	Masood Syed	Full Time	Osmania
Prof. Sugita Mathur			
1.	C. Aparna		Osmania
2.	VadithyaJyoti		Osmania
Prof. GeetaRajalingam			
1.	B. Odelu	Regular	Osmania
2.	D. Swapna	UGC Meritorius Fellow	Osmania

S.No.	Name	Designation	University
3.	ChinneshBukya	Regular	Osmania
4.	Ashok Atukapuram	Regular	Osmania
Prof. P. Nagaraja Rao			
1.	AparajitaGanguli	Full Time	Osmania
2.	M. Krishna	Part Time	Osmania
3.	S. Teja Sri	UGC Meritorius Fellow	Osmania
4.	G. Ramesh	Part Time	Osmania
5.	Shaik Giribabu	Full Time	Osmania
Prof. K. Pratap Reddy			
1.	G. Sreenu	Full Time	Osmania
2.	A. Bharathi	Full Time	Osmania
3.	MesramNageshwar	UGC Meritorius Fellow	Osmania
4.	K. Sudhakar	CSIR-JRF	Osmania
Prof. Vanita Das			
1.	A. Murali	Regular	Osmania
2.	Sk. Zareena	Non-NET	Osmania
3.	D. Nagesh	Regular	Osmania
4.	B. Kavitha	Non-NET	Osmania
5.	MD. Nawaz Shareef	UGC Meritorius Fellow	Osmania
6.	M. Anjanayulu	Non-NET	Osmania
Prof. S. **Jithender Kumar Naik**			
1.	Anusha	Full Time	Osmania
2.	P. Sunitha	Full Time	Osmania
3.	Viswanatham	Full Time	Osmania
4.	Ramesh	Part Time	Osmania
5.	Mangesh	UGC Meritorius Fellow	Osmania
Prof. B. ReddyaNaik			
1.	Samba Shiva Daravath	UGC RGNF	Osmania
2.	A. Dinesh Prabhu	UGC NET Fellow	Osmania
3.	K. Edukondalu	Full Time	Osmania
4.	Ch. Karthik	Full Time	Osmania
5.	B. Manjula	UGC Meritorius Fellow	Osmania
6.	D. Ramesh	Part Time	Osmania
Dr. Rafath Yasmeen			
1.	Shoeiba Tasneem	MANF	Osmania
2.	SyedaHinaKauser	UGC Meritorius Fellow	Osmania
3.	Rubina	MANF	Osmania
Dr. G. Sunitha Devi			
1.	P. Suman Kumar	Part Time	Osmania
2.	K. Omkar	Full Time	Osmania
3.	Mrs. K. Mary Christiana	Part Time	Osmania

S.No.	Name	Designation	University
4.	D. Bala Raju	Full Time	Osmania
5.	M. Naga Raju	Part Time	Osmania
6.	Pandari Reddy	UGC Meritorius Fellow	Osmania
7.	V. Swarna	Full Time	Osmania
8.	Jagadhishwar	Full Time	Osmania
Dr. A. V. Rajashekhar			
1.	M. Sreedhar Sharma	Part Time	Osmania
2.	T. Naga Raju	Part Time	Osmania
3.	J. Mahender	Part Time	Osmania
4.	S. Rani	Full Time	Osmania
5.	K. Ramesh	Full Time	Osmania
6.	T. Prabhakar	Full Time	Osmania
Dr. C. Srinivasulu			
1.	Harpreet Kaur	UGC RGNF	Osmania
2.	R. Shyam Sunder	Part Time	Osmania
3.	Krishna Prasad K.	UGC Meritorius Fellow	Osmania
4.	B. Rama Krishna	UGC Meritorius Fellow	Osmania
5.	Chethan Kumar Gandla	UGC NET Fellow	Osmania
6.	Tariq Ahmed Shah	DST Project Fellow	Osmania
7.	Pravalikha G.B.	UGC NET Fellow	Osmania

b) from other universities

S.No.	Name	Designation	University
Doctoral students			
Prof. T. Nagaraju			
1.	S. Venu	Project Fellowship	Bangalore University
Prof. K. Pratap Reddy			
1.	BanalaRajkiran Reddy	Project Fellowship	Bharathidasan University
2.	Javeed Ahmed Tantry	Full Time	Barkatullah University
3.	Yusuf	Full Time	
Prof. Jane Theophilus			
1.	B. Venkanna	Project Fellowship	University of Hyderabad
Dr. B. ReddyaNaik			
1.	G. Gandhi	UGC Meritorius Fellow	Bangalore University
Dr. C. Srinivasulu			
1.	Alembrhan Assefa W.	Full Time	Mekelle Univ., Ethiopia

40. Number of post graduate students getting financial assistance from the university
About 30 students are receiving scholarship from the State Government.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
No new programmes have been introduced.

42. Does the department obtain feedback form
a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Yes. Feedback is regularly received from various levels at monthly faculty meetings and also from the members of the Board of Studies, and suggestions received from are placed before the Departmental Committee to revise the curriculum or teaching-learning evaluation.
b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Yes. Student feedback is regularly taken at the end of each Semester and the feedback are sent to University IQAC for evaluation. Based on the students' feedback and IQAC suggestions, teaching and learning methods are periodically improved.
c. alumni and employers on the programmes offered and how does the department utilize the feedback?
Yes. Alumni of the Department are members of the Board of Studies and Research Appraisal / Selection Committees.

43. List the distinguished alumni of the department (maximum 10)

1.	Prof. Satya Narayan Singh	Head of the Department
2.	Prof. S. S. Quadri	Head of the Department
3.	Prof. P. Ramachander Rao	Principal, Univ. Coll. of Science
4.	Prof. M. A. Khan	Head of the Department
5.	Prof. J. V. Ramana Rao	Noted FAO expert
6.	Prof. V. Kishan Rao	Head of the Department
7.	Prof. P. Narayan Rao	Head of the Department
8.	Prof. S. S. Simha	Head of the Department
9.	Prof. G. Narayan	Head of the Department
10.	Prof. V. Rajeswar Rao	Head of the Department

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. :

Special or Guest lectures:

1. UGC-SAP-III: Guest lecture by Dr. Upender, Alabama University, USA on 18 February 2011.
2. UGC-SAP-III: Guest lecture by Dr. M. Malla Reddy, University of Cal, USA on 18 February 2011.
3. UGC-SAP-III: Guest lecture by Dr. D. Raghunath Rao, National Institute of Nutrition, Hyderabad on 28 August 2011.
4. Guest Lecture by Ch. Satyamurthy, Technical Officer, NGRI, topic ***"All***

about earthquakes" on 22nd August, 2013

5. Guest lecture by Dr. **Kamal A Mohammed,** Associate Professor, University of Florida, topic "***Translational models in lung diseases"****on*10th November, 2014

Special interaction with research scholars:

1. Dr. Prem Kishore from ICAR, New Delhi, India in June 2011.
2. Dr. K. S. Ratnakar from Global Hospital, Hyderabad in May 2012.
3. Dr. Aziz Husain from Saudi Arabia in June 2012.

45. List the teaching methods adopted by the faculty for different programmes.

- Object-based learning: Aims at developing the overall skills of the students (research or learning of subject knowledge and communication skills).
- Research-led learning: Aims at research-informed learning and also research skills and methods based learning among students (especially for Ph.D. students).
- In addition, lectures, seminars, group discussions, practical classes, field experiences, educational visits, departmental club meetings, extension outreach and computer aided instruction materials are adopted by the faculty for various programmes.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The programme objective, besides imparting basic and advanced knowledge on classical and contemporary advances in zoology, is to produce competent human resources for teaching and research field in classical zoology and also create well-trained manpower for contemporary high-end research facilities. For achieving these objectives the following steps are taken:

- Continuous assessment system as a measure of internal evaluation and class committees and seminars.
- Learning outcomes are monitored by frequent feedback from students and reports to head of the department for suitable remedial measures.
- Assessment system (one methodological and two technical progress seminars) as a measure of internal evaluation for doctoral students.
- Basing on the aptitude and requirement the doctoral students are encouraged to participate in training workshops.

47. Highlight the participation of students and faculty in extension activities.

Annually 80-100% of students and faculty participated annually in extension activities including clean and green programme, tree plantation activities, animal rescue activities, conservation education awareness activities, blood donation, campus cleaning,etc.

48. Give details of "beyond syllabus scholarly activities" of the department.

Post graduate and doctoral students are encouraged to participate in beyond syllabus scholarly activities including attending soft skills courses, internships, special lectures for UGC-CSIR NET examinations, participation in debates and quizzes, etc.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Not applicable

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

The Wildlife Biology and Taxonomy Lab of the Department under the guidance of Dr. C. Srinivasulu has created the first ever comprehensive database of biological diversity of Andhra Pradesh including details of nearly 10,000 taxa ranging from fungi to mammals. The database was instrumental in production of a book titled 'Biodiversity of Andhra Pradesh – A profile' detailing the salient features of the database. This book was released during the United Nation-Convention on Biological Diversity's Conference of Parties 11 held at Hyderabad between 1st and 19th October 2012.

The same team was also instrumental in contributing to the first ever Greater Hyderabad City Biodiversity Index for 2012 (first of its kind in India, and 7th city in the world to do so!) in collaboration with stakeholders from NRSA, Govt of India and Greater Hyderabad Municipal Corporation, Hyderabad. The City Biodiversity Index and the book titled 'Glimpses of Biodiversity of Greater Hyderabad' were also released during the United Nation-Convention on Biological Diversity's Conference of Parties 11 held at Hyderabad between 1st and 19th October 2012.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength of the Department:

a. Diverse expertise of the faculty and a high level of academic excellence and commitment to teaching
b. Well-equipped laboratories for M.Sc. students & research
c. Natural history museum with diverse collection and insect consortium
d. Individual and departmental research projects
e. Modern animal house facility

Weakness of the Department:

a. Medium of instruction – Majority of students joining the post graduation course, being first generation learners coming from village backgrounds having pursued their earlier education in Telugu medium, find it difficult to comprehend and understand lessons given in English.
b. Faculty recharge - the faculty composition is skewed towards Professor who will retire by 2017, faculty induction is far in between.

c. Mentorship programme - Faculty mentorship programme is not being taken seriously by the students.

d. Most time is being expended on classroom teaching thus deterring activities that could enhance student learning and faculty development including student research activities, pursuit of extramural research grant, instructional development, etc.

e. Insufficient resources and inadequate departmental grant from the University to enhance regular teaching and research facilities.

Opportunities of the Department:

a. Diversity of faculty expertise and quality is an asset, and scope of within the department and interdisciplinary collaborations can provide better opportunities.

b. Scope for better curricular development to create opportunities for interaction between faculty of other departments with students of zoology and faculty of zoology with students of other departments.

c. Large teaching classrooms (2 nos) can be utilized for large-format short-duration courses that can be accommodated during the vacations or evenings.

d. Modernization and establishment of the state-recognized repository of zoological collection and environmental education center at the Natural History Museum.

e. Under-utilized scope for acquiring extra-mural research grant through Sir Ronald Ross Institute of Parasitology existing at present that could be changed by proactive interdisciplinary grant pursuance.

Challenges of the Department:

a. Lack of commitment from the students to pursue the course seriously. The course has lost sheen and charm due to burgeoning applied courses, and majority of the takers of the course join the course for settling in jobs that does not require post graduation degree. Lack of commitment by the takers of the course remains one of the biggest challenges the department is facing as with the passage of time this seems to be worsening.

b. Societal pressures and attitude towards the classical and applied subjects remains a greater challenge. There is a palpable resistance in accepting the fact that classical courses are far better in the long run.

c. Student and community demographics are a challenge as most takers of the course do not opt for pursuing research as a career.

d. Pedagogical innovations are not being actively considered due to which students are not getting enough stimulus to pursue further studies and career in the field thus leading to poor retention of human resources in zoology.

e. Understanding the community needs and student demand, course remodeling needs to be taken up through strategic planning effort to train students in a manner that they would be able to take up and pass the UGC-CSIR NET and GATE examinations to receive funding grants for pursuing doctoral research, and/or prepare themselves for competitive examinations, both at the national and state level, to provide them better career opportunities.

52. Future plans of the department

Strengthening adequate number of young and motivated faculty to compensate teaching workload is a primary future plan of the department.

The Department also plans to upgrade the Natural History Museum by installing air conditioners and audio-visual interface and upgrade the information and communication technology enabled facilities in the teaching classrooms and practical labs.

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Department of Economics

1. Name of the Department : Economics

2. Year of Establishment : 1935

3. Is the Department part of a School/Faculty of the University?

   Yes, Faculty of Social Sciences

4. Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   M.A. in Economics
   Ph.D. in Economics

5. Interdisciplinary courses and departments involved:

   Social Sciences

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   Nil

7. Details of programmes / courses discontinued, if any with reasons:

   M.Phil as per the UGC directions

8. Annual/Semester/Choice Based Credit System:

   Semester -Choice Based Credit System

9. Participation of the department in the courses offered by other departments:

   Academic Staff College, Osmania University, Hyderabad

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Designation	Sanctioned	Filled
Professor	11	6
Associate Professor	16	--
Asst. Professor	3	1

11. Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./Ph.D/M.Phil., etc)

Name	Qualification	Designation	Specialisation	No. of years of Experience	No. of Ph.D students guided for the last 5 years
Prof. A.V.V.S.K. Rao	PGDIB., M.A., Ph.D.	Professor	Industrial Economics & Indian Economic Problems	30	3
Prof. S. Indrakant	M.A., M.Phil., Ph.D.	Professor	Statistics & Econometrics	33	8
Prof.B.Shiva Reddy	M.A., Ph.D.	Professor	Economics of Education	29	8
Prof. T.L.N. Swamy	M.A., Ph.D.	Professor	Industrial Economics and Econometrics	28	8
Prof. M. Upender	M.A., M.Phil., Ph.D.	Professor	Applied Econometrics	27	8
Prof. A.K.Vasudeva Chary	M.A., M.Phil., Ph.D.	Professor	Industrial Economics Macro Economics	32	8
Prof. A. Nakula Reddy	M.A., M.Phil., Ph.D.	Professor	Agricultural Economics & Micro Economics	30	8
Prof.J.Narasimha Rao	M.A.,M.Phil.,Ph.D.	Professor	Development Economics, Agricultural Economics and Public Economics	26	8
Dr. B. Sudhakar Reddy	M.A., Ph.D	Associate Professor	Agricultural Economics	24	8
Dr. A. Lakshmi	M.A., Ph.D	Assistant Professor	Agricultural Economics	12	-
Dr. B.Madhuri Smitha	M.A., Ph.D	Assistant Professor	Monetary Economics	8	-
Dr. M.Savithri	M.A., M.Phil.,	Assistant Professor	Agricultural Economics	7	-

	Ph.D				
Dr. I.Daisy	M.A., M.Phil., Ph.D	Assistant Professor	Agricultural Economics	7	-
Dr. E.Purushotham	M.A., M.Phil., Ph.D	Assistant Professor	Indian Economics	7	-
Dr. M. Ramulu	M.A., M.Phil., Ph.D.	Assistant Professor	Agricultural Economics	7	--
Dr. K.B.Ratna Kumari	M.A.,M. B.A.,M. Phil.,Ph. D.	Assistant Professor	Women Studies	3	-

12. List of senior visiting fellows, faculty, adjunct faculty, emeritus professors

Visiting Fellow

- Prof. R.K.Panda, Director, Nabakrishna Choudary Centre for Development Studies (ICSSR Research Institute in Collaboration with Govt. of Odisha) Buvaneshwar – 751013 visited the Department as visiting fellow from 5-7,March 2012 under the UGC-SAP-DSA-III Programme in Economics.

Emeritus Professors:

1. Prof.P.Ramaiah, Dept of Economics, O.U.
2. Prof.G.Gopal Reddy, Dept of Economics,, O.U.

13. Percentage of classes taken by temporary faculty – programme-wise information

Nil

14. Programme-wise Student Teacher Ratio: PG: 10:1 Ratio

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

1. Technical : 05
2. Administrative : 05

16. Research thrust areas recognized by funding agencies:

Research thrust area : Inclusive Growth in Agriculture

Funding Agencies : (SAP-DSA-III) UGC, New Delhi

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

Sl No	PI	Title	Grants	Funding Agency
1	Prof.T.L.N.Swamy	Women Empowerment through Entrepreneurship in Andhra Pradesh	Rs.4,28,000	ICSSR
2	Prof. V. Suguna	Economic Reforms and Rural Non-Farm Sector – A Regional Analysis of Andhra Pradesh	Rs.4,47,600	UGC
3	Prof.K.Pratap Reddy	An enquiry into households savings in Andhra Pradesh with special reference to financial savings	Rs. 6,38,000	UGC
4	Prof. G.Gopal Reddy	Institutional policy options for sustainable agricultural development under different sources of irrigation: A case study of A.P	Rs. 6,07,000	UGC
5	Prof. G. Ramakrishna	Micro Impact of Macro Policies: A Study of Globalisation on Regional Economies and Sample Households in India.	Rs. 4,10,000	UGC
6	Dr.E.Purushotham	Urban Poor and the Swarna Jayanti Sharari Rozgar Yojana: A study of Migrated Tribes in Urban Areas of Andhra Pradesh	Rs. 4,10,000	UGC
7	Dr. B. Sudhakar Reddy	Women Empowerment and NGO's - A Case Study of selected rural development programmes in Andhra Pradesh	Rs. 4,80,00	UGC
8	Dr.I.Daisy	Consumption Patterns of Households by Income – An Empirical Study in Andhra Pradesh	Rs. 2,44,200	UGC
9	Dr.M.Savithri	Self-Help Groups – A Helping Hand for Women Empowerment – A Case Study of Telangana Region of Andhra Pradesh	Rs. 4,10,000	UGC
10	Prof.J.Narasimha Rao	Impact and Socio Economic analysis of Urban SHGs in Hyderabad area of Telangana State		UGC-SERO HYD

11	Dr.M.Ramulu	Role of Regulated Markets in Promotion of Welfare of Cotton Farmers in Telangana		UGC-SERO HYD

18. Inter-institutional collaborative projects and grants received --

a) All India Collaboration:

Consultants to the Planning Commission, GOI, for State Development Report

b) International: Nil

19. Departmental Projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc., total grants received:

The thrust area is Development, Inclusive Growth in Agriculture. The Department has been sanctioned Rs. 2950000/- under UGC-SAP (DSA-III, 2009-2014).

20. Research facility / centre with

- State recognition - Yes
- National recognition - --
- International recognition - --

21. Special research laboratories sponsored by / created by industry or corporate bodies

N.A.

22. Publications:

❖ Number of papers published in peer reviewed journals (national / international)

National – 04 International – 02

Dr. I.Daisy

- Published a paper "Farmers suicides – Issues and measured" in "The International Journal of Global Economic Light (JGEL) Vol 4, ISSN: 2250-2017, Issue 1, July 2016. PP 75-84.Impact factor 3.935.
- Published a paper "Crop Insurance and risk management in Indian Agriculture" in "The International Journal of Agriculture and Rural Economic Research" ISSN 2321-7847, Vol. 3, October - September 2015-16. Annual Peer Reviewed refereed &Indexed International Print Journal, pp. 119-125.
- Published a paper " Are the new Helsmen Going to Lead the Sino-Indian Ship in the Right Direction?" in "International Journal Advances in Social Science and Humanities(IJASSH)" ISSN: 2347-7474, 30/September, 2015.

❖ **Dr. M.Savithri**

- Paper presented on " Socio-Economic Profile of the Self-Help Group Women in Telangana State" National Seminar on " Historical Perspectives and Future prospects of Telangana" in collaboration with INTACH, Hyderabad Chapter &

Telangana Resource Centre, organized by Department of History, Nizam College, Osmania University, Hyderabad on 23& 24th January 2015.

- Paper presented on " Health care Economics – Development, Growth and Constraints with reference to the Indian Economy" Two- day National Seminar on" Strategic Issues in Business Management and Economics" sponsored by ICSSR & UGC, organized by Departments of Business Management and Economics, Osmania University Post Graduate College, Siddipet, Medak District on 27th- 28th August 2014.

- Paper presented on " The impact of Trade Policy on Women's Economic Empowerment" International Conference on " Free Trade - Opportunities & Challenges" organized by Department of Economics, AMS, Arts & Science College for Women, Osmania University, Hyderabad from 12-14 June 2014.

- Dr. M. Savithri – Paper presented on 'Inclusive Growth focus on employment' in two day national seminar on 'Inclusive Growth and Employment perspective: Focus on NREGS' organized by Dept of Economics, Kakatiya University during 24-25 March, 2011.

- Dr. M. Savithri – Paper presented on 'Micro Finance through Self-Help Groups – Status and Emerging Challenges' in two day national seminar on 'Micro Finance for Inclusive Growth: Challenges in Sustainability of Micro Finance Operations and Interventions' organized by Dept of Women's Studies, Bharathidasan University, Tiruchirapalli on 18-19 March, 2011.

❖ Monographs --

❖ Chapters in Books --

❖ Edited Books:

Prof.M. Upender (2011) "Inclusive Growth in Agriculture" Mittal Publications, New Delhi.

Prof.M.Upender (2012) "Estimation of Economic Relationships for Indian Economy"

I. Daisy (2011) Tribal Women and Inclusive Growth in Agriculture in India – An Empirical Study. In: Inclusive Growth in Agriculture, Krishna Mittal Publications, New Delhi, pp.351-363.

D. Savithri (2010) Self-Help Groups – A key Stone of Micro Finance in India – Women Empowerment and Social Security. In: Women Entrepreneurs and Socio-Economic Development, Serial Publications.

D. Savithri (2011) Women Employment and Inclusive Growth in Agriculture. In: Inclusive Growth in Agriculture, Mittal Publications.

Prof. G. Ramakrishna (2010) External Debt and Economic Growth: An Empirical Study of Ethiopia. In: Debt Relief Now, A Week of Action against Global Debt, Copenhagen.

- Prof.A.Nakula Reddy (2015) "*Bilateral Vegetable Trade between China and India – An Empirical Analysis*" Anvesak Vol.45, No. 1, ISSN: 0378-4568

- **Dr. B.Sudhakar Reddy:** Co-Author: Intermediate II year Indian Economy (English and Telugu Versions)Published by Telugu Academy-June 2015

  Co-Editor of the Book **"Impact of WTO on Indian Agriculture, Industry, and Trade & Services"** Publication Grant Received from NABARD, Mumbai-May, 2005.

❖ Books with ISBN with details of publishers:

1. Inclusive Growth in Agriculture" Mittal Publications, New Delhi.

   ISBN:81-8324-370-3 (2011)

2. Estimation of Economic Relationships for Indian Economy

   Kalpaz Publications, New Delhi.

   ISBN:978-81-7835-934-2 (2012)

❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)

❖ Citation Index – range / average --

❖ SNIP --

❖ SJR --

❖ Impact Factor-range / average --

❖ h-index --

23. Details of patents and income generated : N.A.

24. Areas of consultancy and income generated:

Consultants to the Planning Commission, GOI, State Development Report

25. Faculty selected nationally / internationally to visit other laboratories in India and abroad

-Nil-

26. Faculty serving in a) National Committees b) International Committees c) Editorial Boards d) any other (please specify)

1. Prof.A.Muralidhar Rao, Expert Member, UGC, New Delhi, MRP Evaluation.
2. Prof.A.Muralidhar Rao, Member, Editorial Board, Asian Economic Review, Hyderabad.
3. Prof. B.Shiva Reddy, Member of National Council for Teacher Education.
4. Prof.S.Indrakant, Member of Editorial board in Journal of Social Sciences published by Dean, Faculty of Social Sciences.

27. Faculty recharging strategies:

Participation in seminars and conferences

28. Students projects:

- Percentage of students who have done in-house projects including inter-departmental projects

  100

- percentage of students doing projects in collaboration with other universities/industry/institute --

29. Awards / recognitions received at the national and international level by

Faculty : Prof.G.Laxmaiah, Best Teacher Award (2011)

Doctoral / Post Doctoral fellows : --

Students : --

30. Seminars/Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any

Seminars: 04

Workshops: 04

Conferences/ Lectures / Symposium: 11

31. Code of ethics for research followed by the departments - UGC guidelines

Research Scholars are made aware of the problems of plagiarism. Continuous monitoring and evaluation of DRS and Supervisors ensure that scholars follow ethical practices in research.

32. Student profile course-wise

Name of the course	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
P.G.	108	72	34	90	90
Ph.D.	199	140	59		

33. Diversity of students

Name of the course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
P.G.	85	10	3	2
Ph.D.,	85	10	3	2

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET: 10

SLET: 08

35. Student progression

Student	Percentage against enrolled
UG to PG	--
PG to M.Phil	--
PG to Ph.D	25
Ph.D. to Post-Doctoral	1
Employed	5
Campus selection	3
Other than campus recruitment	5

36. Diversity of Staff

Percentage of faculty who are graduates:	
of the same university	70
from other universities within the state	30
from universities from other states	--
from universities the country	--

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt during the assessment period

Dr. Maria Ph.D.

Dr.A.Lakshmi Ph.D.

38. Present details of infrastructural facilities with regard to

a) Library: : 20, 000 books, 60 journals

b) Internet facilities for staff and students : Yes

c) Total number of class rooms : 3

d) Class rooms with ICT facility : Yes

e) Students' laboratories : --

f) Research laboratories : --

39. List of doctoral, post-doctoral students and Research Associates -

a) From the host university:

PhD students enrolled: 57

Post-doctoral students:

1. Mrs. N.Deepa, Department of Economics, Osmania University, Hyderabad.
2. Mrs. Irfana Samdani, Department of Economics, Osmania University, Hyderabad.

b) From other universities Nil

40. Number of post graduate students getting financial assistance from the university

The students belonging to SC, ST and BC categories are getting financial assistance from the Dept. of Social Welfare, Govt. of Andhra Pradesh.

41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.

-No-

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, to strengthen the teaching innovations of the department.

b) Students on staff, curriculum and teaching-learning- evaluation and how does the department utilize the feedback?

Yes

c) Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes

The Department obtains feedback on teaching –learning – evaluation from the students through a questionnaire. The feedback is discussed in the departmental meetings to evolve strategies to address the concerns and issues raised by students as well as teachers.

43. List the distinguished alumni of the department (maximum 10)

1. Prof. Ch. Hanumantha Rao
2. Prof.Raja J Chellaiah
3. Prof.Gautam Mathur
4. Sri C.V. Anand, IPS
5. Sri Aravind Reddy, IAS
6. Sri Laxmipathy

7. Sri Gangadhar, IPS
8. Sri Gangaiah, IES
9. Sri Raja Reddy, IES

44. Give details of student enrichment programmes (special lectures / workshops / seminars) involving external experts.

Guest Lectures:20

45. List the teaching methods adopted by the faculty for different programmes.

Through LCD Projector

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? --

Through continuous evaluation

47. Highlight the participation of students and faculty in extension activities.

Majority of the faculty members participate in various extension programmes.

- Prof. A. Muralidhar Rao – Attended two day national seminar on 'The growth of non-farm sector in India: Opportunities and challenges', organized by the Govt. Degree College, Kairtabad, Hyderabad on 10th January, 2014.
- Prof. A. Muralidhar Rao - Attended two day national seminar on 'Evaluation of Inclusive growth strategies in rural development' organized by the Govt. Degree College, Armoor, Nizamabad during 17-18 December, 2013.
- Prof. A. Muralidhar Rao - Attended two day national seminar on 'Human Development and Women Empowerment, Issues and Strategies' organized by the Govt. Degree College, Gadwal during 29-30, November, 2013.
- Prof. A. Muralidhar Rao - Attended two day national seminar on 'Micro Finance and its implications for women empowerment' organized by the NM Govt. Degree College, Jogipet during 18-19, January, 2014.
- Prof. T.L.N. Swamy – Delivered two lectures on "Industrial Development in India" for the participants of Refresher Course in Economics organized by the Academic Staff College, Madurai Kamaraj University during 22-23 February, 2011.
- Prof. B. Shiva Reddy – Attended National Seminar on 'Community Participation in Education' organized by NEUPA, New Delhi during March 2011.
- Attended Training on "Climate Change and Livelihood Issues" organized by V.V. Giri National Labour Institute, Noida, Uttar Pradesh from 14- 18 April 2014.

48. Give details of "beyond syllabus scholarly activities" of the department.

Organized the coaching programme for NET/SET in Economics for a period of three weeks starting from 8th May, 2012

49. State whether the programme / department is accredited / graded by other agencies? If yes, give details.

No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The Department of Economics has been conducted the SPSS & Research methodology programmes for PG & PhD Scholars.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- Well qualified/trained/experienced faculty
- Faculty with sound background of qualitative techniques
- Interaction with other universities and research institutions
- International visit by faculty
- Specialized all Major areas of Economics

52. Future plans of the department

The Department of Economics is planning to construct a new building for the School of Economics for the expansion of research and academic activities of the Department of Economics.

Department of History

1. Name of the Department : History
2. Year of Establishment : 1919
3. Is the Department part of a School/Faculty of the University?

   Yes, Faculty of Social Sciences
4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   M.A. in History

   Ph.D. in History
5. Interdisciplinary courses and departments involved : Yes
6. Courses in collaboration with other universities, industries, foreign institutions, etc.Nil
7. Details of programmes / courses discontinued, if any with reasons.

   M.Phil (2008-09)
8. Annual/ Semester/ Choice Based Credit System.

   Semester / CBCS
9. Participation of the department in the courses offered by other departments.

   Academic Staff College, Osmania University, Hyderabad
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Designation	Sanctioned	Filled
Professor		3
Associate Professor		-
Asst. Professor		1
Total	**21**	**4**

11. Faculty profile with name, qualification, designation and specialization (D.Sc./ D.Litt./ Ph.D./ M.Phil., etc)

Name	Qualifi-cation	Desig-nation	Specialisation	No. of years of Experience	No. of Ph.D. students guided for the last 5 years
Prof. K. Arjun Rao	M.A., M.Phil., Ph.D.	Professor	Social History of Modern Andhra	17	8
Prof. G. Sudarshan Reddy	M.A., M.Phil., Ph.D.	Professor	Modern Indian History	28	4
Prof. Dr. G. Arun Kumar	M.A., M.Phil., Ph.D.	Professor	Modern Indian History	26	-
Dr. G. Anjaiah	M.A., M.Phil., Ph.D.	Assistant Professor	Medieval Indian History	20	8

12. List of senior visiting fellows, faculty, adjunct faculty, emeritus professors.

Prof. Y. Vaikuntham, Emeritus Professor, Topic entitled "State, Forest Management and Community Concern: A Case Study of Hyderabad State, 1801-1956", from 01-07-2009 to 30-06-2011.

Prof. R. Soma Reddy, Emeritus Professor.

Prof. A. Satyanarayana, Faculty.

13. Percentage of classes taken by temporary faculty – programme-wise information.

Nil

14. Programme-wise Student Teacher Ratio :

PG: 11:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Technical : **01** (Sanctioned 1 Technical Assistant & filled on Contract basis)

Administrative : **02** (Sanctioned 1 Comp. Op./Typist & filled on Contract basis;Sanctioned 1 Office Sub-ordinate & filled on Permanent basis).

16. Research thrust areas recognized by funding agencies:

Regions,Culture and Histories in Pre-Colonial Deccan (From 01.04.2015 to 31.03.2020) by UGC-DSA/SAP Phase-II.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

Ongoing & Completed Projects during 2007-2016

Name of the P.I.(s)	Title of the Project	Funding Agency	Amount of Grant	Period
Prof. R. Varalakshmi	A Socio-Economic Construction of the Koya Women in Andhra Pradesh with Special Reference to Telangana 1975 to 2003 A.D.	UGC-SERO	Rs. 1,25,000/-	2005-07
Prof. Y. Vaikuntham	Land People and the State: A Study in the Agrarian Policies of Hyderabad State 1853-1948	UGC	Rs. 8,50,000/-	2006-09
Prof. R. Soma Reddy	Industrial Development in Pre-Colonial Andhra Desa 17th& 18th Centuries, A.D.	UGC	Rs. 7,00,000/-	2006-09
Prof. R. Varalakshmi	Educational and Economic Development of the Konda Reddis in Andhra Pradesh 1991-2007 A.D.	UGC-SERO	Rs. 1,00,000/-	2009-10
Prof. Y. Vaikuntham	State, Forest Management and Community Concern: A Case Study of Hyderabad State, 1801-1956	UGC-EF	Rs. 6,00,000/-	2009-11
Prof. G. Venkat Rajam & Dr. P. Krishna Moorthy	Studies in Ecological History: Environmental Care by the Nizam's Administration 1911-1948	UGC	Rs. 6,33,000/-	01.02.2010 to 31.01.2012
Dr. G. Anjaiah	Trade and Commerce in Andhra Desa (1300-1687 A.D.).	UGC-SERO	Rs. 1,25,000/-	2010-13
Prof. K. Arjun Rao	Information and Communi-cation Technologies (ICT) Penetration and Tribal Life: A Comparative Study of Andhra Pradesh and Tamil Nadu.	UGC	Rs. 5,54,888/-	01.09.2012 to 31-08-2015
Prof. Y. Vaikuntham (Retd.)	Mineral Resources, Development and Hyderabad State: 1853-1948	UGC	Rs. 7,58,800/-	01.07.2012 to 31.12.2014
Prof. A. Satyanarayana (Retd.)	Migration of Telugus to South-East Asia 1871-1982 **(Ongoing)**	UGC	Rs.11,11,300/-	01.07.2015 to 30.06.2018

18. Inter-institutional collaborative projects and grants received : **NIL**

a) All India Collaboration b) International

19. Departmental Projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc., total grants received

UGC-DSA/SAP Phase-I - Rs. 40,75,104/-**(Completed)**

Thrust Area: Socio-Economic Transformation in Telangana: Regional Change in Historical Perspective: Gender, Identity and Migration(01-04-2007 to 31-03-2012)

UGC-DSA/SAP Phase-II - Rs. 53,00,000/-**(Ongoing)**

Thrust Area: Regions, Culture and Histories in Pre-Colonial Deccan**(01-04-2015 to 31-03-2020).**

20. Research facility / centre with

- State recognition : **Yes**
- National recognition : **Yes**
- International recognition : **No**

21. Special research laboratories sponsored by / created by industry or corporate bodies : **NIL**

22. Publications:

* Number of papers published in peer reviewed journals (national / international)

	National (20)	International (15)
Prof. A. Satyanarayana	06	06
Prof. I. Lakshmi	03	-
Prof. R. Varalakshmi	06	03
Prof. K. Arjun Rao	02	06
Prof. G. Sudarshan Reddy	06	-
Dr. G. Anjaiah	03	-

* Monographs : **NIL**

* Chapters in Books: (15)

Prof. R. Varalakshmi	:	08
Prof. I. Lakshmi	:	02
Prof. G. Sudarshan Reddy	:	02
Dr. G. Anjaiah	:	05

* Edited Books: (17)

Prof. M. Venkateshwar Rao	:	03
Prof. I. Lakshmi	:	05
Prof. R. Varalakshmi	:	05
Prof. K. Arjun Rao	:	02
Prof. G. Sudarshan Reddy	:	02

Dr. G. Anjaiah : 02

* Books with ISBN with details of Publishers: (7)

Prof. A. Satyanarayana : 02
Prof. I. Lakshmi : 01
Prof. M. Venkateshwar Rao : 01
Prof. K. Arjun Rao : 02
Prof. R. Varalakshmi : 01

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.) : --
* Citation Index – range / average : --
* SNIP : --
* SJR : --
* Impact Factor-range / average : --
* h-index : --

23. Details of patents and income generated : --

24. Areas of consultancy and income generated: **NIL**

25. Faculty selected nationally / internationally to visit other laboratories in India and abroad

a. Prof. A. Satyanarayana
b. Prof. R. Varalakshmi
c. Prof. K. Arjun Rao
d. Prof. I. Lakshmi

26. Faculty serving in a) National Committees b) International Committees c) Editorial Boards d) any other (please specify)

a) National Committees

i) Prof. A. Satyanarayana, Member, Indian Council of Historical Research, New Delhi & Member, UGC-NET, New Delhi.
ii) Prof. K. Ramakrishna, Member, UGC-NET, New Delhi & UPSC.
iii) Prof. M. Venkateshwar Rao, Member, UGC-NET, New Delhi.
iv) Prof. K. Arjun Rao, Member, UGC-NET, New Delhi.
V) Prof. G. Sudarshan Reddy, Member, UGC-NET, New Delhi

b) International Committees NIL

c) Editorial Boards

i) Prof. A. Satyanarayana, Osmania Journal of Historical Studies, Hyderabad; Itihas, Journal of Andhra Pradesh State Archives & Research Institute, Hyderabad; Deccan Studies, Hyderabad.

ii) Prof. I. Lakshmi, State Council for Educational Research& Training, Andhra Pradesh.

iii) Prof. G. Sudarshan Reddy, State Council for Educational Research& Training, Andhra Pradesh.

27. Faculty recharging strategies : **NIL**

28. Students projects :

- Percentage of students who have done in-house projects including inter-departmental projects : **100**
- Percentage of students doing projects in collaboration with other universities/industry/institute : **NIL**

29. Awards / recognitions received at the national and international level by

- Faculty:

Prof. A. Satyanarayana (Retd.):

- Best Teacher Award in 2009.
- Nominated Member of the Indian Council of Historical Research, (2008-14) Ministry of Human Resource Development, Government of India.
- Visiting (DAAD) Professor, Jacobs University Bremen, **Germany,** 15 August 2009-15 June 2011
- Visiting Professor, India Studies Chair, Martin-Luther University, Halle, **Germany**, October 2007- March 2008
- Visiting Fellow, Centre for Southeast Asian Studies, Kyoto University, **Japan,** April 2006 – September 2006

Prof. K. Ramakrishna (Retd):

- Received **Indira Gandhi NSS National Award for 2012-13 (Appreciation)** from Sri. Pranab Mukharjee, President of India at Darbar Hall, Rastrapati Bhavan, New Delhi on 19.11.2013 for Best University Programme Co-ordinator in the Country.

Prof. K. Arjun Rao:

- Dean, College Development Council, Osmania University, Hyderabad for a period of two years i.e., from 03.11.2015.

Prof. G. Sudarshan Reddy:

- Nominated as a Member for the **Indian Historical Records Committee** for a period of 5 years with effect from 26-09-2011 to 03-07-2016.

- Doctoral / Post Doctoral fellows:

Prof. A. Satyanarayana, Department of History, Osmania University, Hyderabad from 2007-2008 & 2009 to 2011.

- Students: They have received fellowships like JRF, RGNF, ICHR, Meritorious & Non-NET Fellowships as below:

Sl. No.	Name	Supervisor	Title	Year of Enroll-ment	Remarks
1.	Venkateshwarlu Nomula / Seetha Ramaiah	Dr. Zareena Parveen	A Study of Political Developments in 60 years of Telangana 1947-2007 (A Historical Approach)	2008	NET/ ICHR
2.	A. Rajashekhar / Saidaiah	Prof. G. Sudarshan Reddy	Land, Caste and Power in Telangana (1883-1948)	2008	ICHR
3.	M. Prabhakar / Pedda Narsaiah	Prof. I. Lakshmi	Growth of Commercialization in Agriculture in Telangana Region – 1925-1956.	2008	M.Phil / UGC-RFSMS
4.	N.V.S. Ravi Kumar / N. Venkata Ratnam	Prof. I. Lakshmi	Cultural Heritage of Andhra Pradesh and Tourism Promotion	2008	M.Phil / ICHR
5.	Nasreen Begum / Khaja Ghouse Mohiuddin	Dr. Zareena Parveen	Growth of Impct of Educational Institutions in Hyderabad State A Historical Perspective 1853-1948	2008	M.Phil / ICHR
6.	Kondra Mallaiah / Narsaiah Kondra Mallaiah	Dr. G. Anjaiah	Socio-Economic Conditions in Telangana under the Asaf Jahis (1724- A.D. 1948 A.D.)	2008	ICHR
7.	Ramesh Arempula / Venkaiah	Prof. M. Venkateshwar Rao	Socio-Economic History of Dalits in Andhra Pradesh from 1956-2006	2008	UGC-RFSMS
8.	P. Krishna / Laxmaiah	Prof. K. Arjun Rao	A Biographical Study of Arigay Ramaswamy	2008	UGC-RFSMS
9.	Anthoti Tirupathi Rao / Gopala Rao	Dr. R. Varalakshmi	A History of Capital Cities in Andhra Pradesh from (C.1000-1948 A.D.)	2008	ICHR
10.	C. Kista Reddy / C. Laxma Reddy	Dr. R. Varalakshmi	Impact of Water Harvesting on the Environment of Telangana During 20th Century	2008	ICHR
11.	Ramana Medi / Saidulu	Dr. Zareena Parveen	The Identity and Social Justice of Madigas in Andhra Pradesh 1956-2004	2008	ICHR
12.	Gopal / Pool Singh	Prof. P. Prasangi	Historical Perspective of Telangana Movement from 1920-2004	2008	RGNF
13.	Vakadani Pulla Rao / Nageswar Rao	Dr. N. Vidyaranya Swamy	Peasant Struggles in Nizam State: A Study of Khammam District 1930 to 1956	2008	ICHR
14.	Kammari Anjaiah / Narayana	Prof. A. Satyanarayana	The Impact of Fine Arts on Telangana Movement (1956-2006)	2008	UGC-RFSMS
15.	Chinthala Padmaja / Rangeswara Rao	Prof. K. Ramakrishna	The Festivals and Fairs of Banjaras of Telangana during the 20th Century	2008	RGNF
16.	D. Venkatesham / Bashaiah	Dr. Zareena Parveen	Cultural and Ecological Tourism in the Godavari Valley of Telangana Region	2008	ICHR

17.	Kadem Raju / Teerasu	Prof. G. Venkat Rajam	Babu Jagjeevanram – Life of a Crusader	2008	UGC-RFSMS
18.	Maqubool/ Nanne Saheb	Dr. Zareena Parveen	Agriculture and Irrigation System under Qutub Shahis	2009	ICHR
19.	B. Srinivas / Badru	Dr. K. Arjun Rao	The Study of Tribal Women in Telangana Region (1901-2010)	2010	UGC-JRF
20.	Alle Vijay Kumar / Alle Maraiah	Dr. K. Arjun Rao	Sewerage and Water System in Hyderabad State (1724-1948)	2011	M.Phil (RGNF)
21.	Lunavath Rajaram / Lakiya	Prof. A. Satyanarayana	Impact of Tribal Welfare Programmes in Andhra Pradesh (1956-2006)	2011	M.Phil (RGNF)
22.	Moluguru Srinu / Moluguru Somaiah	Prof. M. Venkateshwar Rao	A Biographical Study of Konda Laxman Bapuji	2011	RGNF
23.	Golla Ramulu / Gopalaiah	Prof. I. Lakshmi	Military System during the Vijayanagara Period (14^{th} – 16^{th} Century)	2011	Non-NET
24.	Kumaraswamy. S. / Sri Lingaiah	Prof. M. Venkateshwar Rao	Literary and Cultural Awakening in Nizam State: A Study of the Contribution of Sri Komarraju Venkata Laxmana Rao	2011	RGNF
25.	Bhattu Sunitha/ B. Goliya	Dr. G. Anjaiah	Growth of Irrigational Works and Socio-Economic Transformation in Nalgonda District 1956-2006 A.D.	2011	RGNF
26.	Sunitha Pandi / Mallaiah	Dr. B. Lavanya	Role of Dalit women in Telangana Armed Struggle 1921-51 (A Case Study of Nalgonda District)	2011	Non-NET & RGNF
27.	Kasani Srinivasa Rao / Somaiah	Dr. G. Anjaiah	Agriculture and Industrial Development under the Nizam's State From 1724 A.D. To 1948 A.D. – A Study	2011	Non-NET
28.	Palakuri Ashok Kumar / Lingaiah	Prof. G. Sudarshan Reddy	Struggle for the Identity / Telangana Movement (1948-2010)	2011	Non-NET
29.	Dhananjaya / Kashappa	Dr. N. Vidyaranya Swamy	Administrative System of Samasthanas under Nizam's Dominion with Special Reference to the Mahabubnagar District (1911-1948 A.D.)	2011	Non-NET
30.	P. Vijaya / P. Sayanna	Prof. R. Varalakshmi	Socio-Economic Conditions of Tribal Women: A Case Study in Telangana Region of Andhra Pradesh (From 1956-2010)	2011	Non-NET
31.	Durgam Bhaskar / Durgam Narayana	Dr. K. Arjun Rao	Telangana Movement: A Historical Perspective 1969-2010	2011	Non-NET & RGNF
32.	Kadem Satish / Yadaiah	Prof. K. Ramakrishna	A Study of the Activities of the Christian Missionaries in Telangana 1830 to 1948	2011	ICHR

33.	Bhukya Saidulu / Bhukya Ramjya	Prof. R. Varalakshmi	Trade, Transportation and Communities in the late Medieval Deccan – A Study of Banjaras	2011	ICHR
34.	M. Sunitha / M. Rajaram	Prof. G. Venkat Rajam (Retd.)	The Freedom Movement in Hyderabad State with Special Reference to Adilabad District	2011	RGNF
35.	Ramu Lagishetti / Narayana	Prof. M. Venkateshwar Rao	A Biographical Study of Bheemreddy Narsimha Reddy (B.N. Reddy)	2013	Non-NET
36.	Ambadipudi Sujatha / Rathaiah	Dr. B. Lavanya	Historical Women Empowerment in India Through DWACRA Groups in Andhra Pradesh: A Case Study on Khammam District	2013	RGNF
37.	Prabhavathi Vuduturi / Narayana	Prof. G. Sudarshan Reddy	A Study of Vishalandhra Movement 1952-1956	2013	Non-NET
38.	Peddarapu Ramakrishna / Gurunadam	Dr. G. Anjaiah	Literary and Cultural Awakening in Nizam State: A Study of the Contribution of Sri Komarraju Venkata Laxmana Rao	2013	Non-NET
39.	Vemula Hari Prasad / Bikshapathi	Prof. M. Venkateshwar Rao	Waddara Community: A Study on Their Socio-Economic and Political Profile from Early Times to Colonial	2013	Non-NET
40.	P. Muthyam / Rajaiah	Prof. K. Arjun Rao	Emergence of Gouda Community in Andhra Pradesh Politics: A Historical Perspective (1956-2009 A.D.)	2013	ICHR & Non-NET
41.	Bandi Srinivas / Ramakrishna	Prof. G. Sudarshan Reddy	The Development of Konda Doras in Andhra Pradesh (A.D. 1956-2012)	2013	Non-NET
42.	Nookeswara Rao, G. / Narasaiah	Prof. M. Venkateshwar Rao	Historical Background of Tourist Potential in Telangana: A Case Study of Adilabad District	2013	Non-NET
43.	Osman Pasha Shaik / Jani Miya	Dr. B. Lavanya	Development of Education among Muslims in Andhra Pradesh – 1956-2010 A.D.	2013	Non-NET
44.	Srujan Kumar, G / Maraiah	Prof. E. Sudha Rani	Society and Politics in Telangana – A Case Study of Backward Class Identity and Movements (1980-2010)	2013	ICHR
45.	Yasa Suman / Bhushanam	Prof. K. Rama Krishna	Socio-Economic Life of the Mala Community in the Telangana Region: A Historical Perspective	2013	RGNF
46.	Manda Sunitha / M. Guravaiah	Prof. G. Venkat Rajam	Rural Indebtedness in Nizam's Era – Focus on Last Nizam (1911-1948 A.D.)	2013	Non-NET & RGNF
47.	Naveen Reddy, G. / Narsa Reddy, G.	Prof. I. Lakshmi	Migrations from Northern Telangana to Gulf Countries	2013	UGC-JRF

48.	B. Venkataiah / Laxmaiah	Prof. G. Sudarshan Reddy	Tribal Land Question in Hyderabad State – A study of Telangana Region (1858 A.D. – 1948 A.D.)	2014	UGC – JRF
49.	Banavath Sarada / Banavath Sakru	Dr. S. Anjaiah	Changing Status of the Tribes of Telugu Lands: Colonial and Post-Colonial Period in A.P	2015	RGNF

30. Seminars/Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any

Seminars: 08

Workshops: 04

31. Code of ethics for research followed by the departments:

The department ensures the research output as truly genuine and original.

32. Student profile course-wise

Name of the course (refer to question no. 4)	**Applications received**	**Selected**		**Pass percentage**	
		Male	**Female**	**Male**	**Female**
P.G. (M.A.)	1600	33	18	85	94
Ph.D.	75	17	06		

33. Diversity of students

Name of the course (refer to question no. 4)	**% of students from the same university**	**% of students from other universities within the State**	**% of students from universities outside the State**	**% of students from other countries**
P.G.	85	10		5
Ph.D.	68	22	10	

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Civil Services - 02

NET/SLET - 05

35. Student progression

Student	Percentage against enrolled
UG to PG	-
PG to M.Phil	-
PG to Ph.D	15
Ph.D. to Post-Doctoral	-
Employed	20
Campus selection	1
Other than campus recruitment	20

36. Diversity of Staff

Percentage of faculty who are graduates	
of the same university	100
from other universities within the state	-
from universities from other states	-
from universities the country	-

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt during the assessment period

Three

2010 - Prof. G. Sudarshan Reddy

2011 – Prof. G. Arun Kumar

2011 – Dr. Indira

38. Present details of infrastructural facilities with regard to

a) Library : 4,825 Books, 7 Journals
b) Internet facilities for staff and students : Staff only
c) Total number of class rooms : 02
d) Class rooms with ICT facility : Nil
e) Students' laboratories : Nil
f) Research laboratories : Nil

39. List of doctoral, post-doctoral students and Research Associates

a) From the host university:

Sl. No.	Name	Supervisor	Title	Year of Enroll-ment	Awarded Year
1.	Venkateshwarlu Nomula / Seetha Ramaiah	Dr. Zareena Parveen	A Study of Political Developments in 60 years of Telangana 1947-2007 (A Historical Approach)	2008	25-09-2013
2.	A. Rajashekhar / Saidaiah	Prof. G. Sudarshan Reddy	Land, Caste and Power in Telangana (1883-1948)	2008	11-07-2014
3.	M. Chandrakanth / Chandrahar	Prof. P. Prasangi	The Role of Christian Missionaries Towards the Upliftment of the Dalits in Telangana with special Reference to Nizamabad and Adilabad Districts (1911-1956)	2008	-
4.	Rama Gopalakrishnan / P. Siva Kumarann	Dr. G. Anjaiah	Social and Economic Conditions of Telangana under Nizam-VII	2008	-
5.	M. Prabhakar / Pedda Narsaiah	Prof. I. Lakshmi	Growth of Commercialization in Agriculture in Telangana Region – 1925-1956.	2008	26-11-2013
6.	N.V.S. Ravi Kumar / N. Venkata Ratnam	Prof. I. Lakshmi	Cultural Heritage of Andhra Pradesh and Tourism Promotion	2008	03-11-2014
7.	Nasreen Begum / Khaja Ghouse Mohiuddin	Dr. Zareena Parveen	Growth of Impct of Educational Institutions in Hyderabad State A Historical Perspective 1853-1948	2008	31-07-2012
8.	L. Pandu Ranga Reddy / L. Janardhan Reddy	Prof. G. Venkat Rajam	States Reorganization A Case study of Andhra Pradesh	2008	26-11-2010
9.	Padma Kumari, D./ Sampath Kumara Charyulu, D.	Prof. A. Satyanarayana	Social Reform Movements in Telangana 1911-2006	2008	14-09-2016
10.	A. Raju / A. Abraham	Prof. A. Satyanarayana	The Role of Left Parties and Progress of Dalits A Case Study of Andhra Pradesh (1956-2006)	2008	-
11.	K. Veeresha / K. Vishwanatham	Dr. K. Arjun Rao	Industries and Crafts under Qutub Shahis (1512-1687)	2008	21-01-2014
12.	Kondra Mallaiah / Narsaiah Kondra Mallaiah	Dr. G. Anjaiah	Socio-Economic Conditions in Telangana under the Asaf Jahis (1724- A.D. 1948 A.D.)	2008	-
13.	Ramesh Arempula / Venkaiah	Prof. M. Venkateshwar Rao	Socio-Economic History of Dalits in Andhra Pradesh from 1956-2006	2008	-
14.	P. Krishna / Laxmaiah	Prof. K. Arjun Rao	A Biographical Study of Arigay Ramaswamy	2008	27-08-2014
15.	S. Sreenu / S. Chandraiah	Dr. Zareena Parveen	The Impact of Persian and Central Asian Culture on Monuments of Qutub Shahis (1512-1687) With	2008	-

			Reference to Hyderabad		
16.	Anthoti Tirupathi Rao / Gopala Rao	Dr. R. Varalakshmi	A History of Capital Cities in Andhra Pradesh from (C.1000-1948 A.D.)	2008	-
17.	C. Kista Reddy / C. Laxma Reddy	Dr. R. Varalakshmi	Impact of Water Harvesting on the Environment of Telangana During 20th Century	2008	10-06-2016
18.	Ramana Medi / Saidulu	Dr. Zareena Parveen	The Identity and Social Justice of Madigas in Andhra Pradesh 1956-2004	2008	23-12-2013
19.	Gopal / Pool Singh	Prof. P. Prasangi	Historical Perspective of Telangana Movement from 1920-2004	2008	16-05-2012
20.	Vakadani Pulla Rao / Nageswar Rao	Dr. N. Vidyaranya Swamy	Peasant Struggles in Nizam State: A Study of Khammam District 1930 to 1956	2008	-
21.	Kammari Anjaiah / Narayana	Prof. A. Satyanarayana	The Impact of Fine Arts on Telangana Movement (1956-2006)	2008	-
22.	Chinthala Padmaja / Rangeswara Rao	Prof. K. Ramakrishna	The Festivals and Fairs of Banjaras of Telangana during the 20th Century	2008	25-06-2014
23.	Kama Sumathi Veni / K. Natha Niel	Dr. Chanda Ramaiah	The Study of Baptist Missionaries in Andhra Pradesh	2008	
24.	Jangili Ravinder / Mallaiah	Dr. G. Anjaiah	Trade and Commerce under Qutub Shahis	2008	
25.	D. Venkatesham / Bashaiah	Dr. Zareena Parveen	Cultural and Ecological Tourism in the Godavari Valley of Telangana Region	2008	
26.	D. Srinaiah / D. Hachya	Dr. Zareena Parveen	Empowerment of Women in Andhra Pradesh (1956-2006)	2008	
27.	Kadem Raju / Teerasu	Prof. G. Venkat Rajam	Babu Jagjeevanram – Life of a Crusader	2008	18-11-2016
28.	A. Shyamala / A. Rajaiah	Dr. N. Vidyaranya Swamy	Watandari System in Telangana Area Period of study 1864 to 1948	2008	25-02-2016
29.	Maqubool/ Nanne Saheb	Dr. Zareena Parveen	Agriculture and Irrigation System under Qutub Shahis	2009	26-09-2014
30.	K. Ramesh / K. Lingoji Rao	Prof. A. Satyanarayana	Commercialization of Agriculture in Hyderabad State – 1900-1948	2009	
31.	B. Srinivas / Badru	Dr. K. Arjun Rao	The Study of Tribal Women in Telangana Region (1901-2010)	2010	
32.	Amare Fentaw Gedamu / Fentaw	Prof. I. Lakshmi	Environment and Culture in Ethiopian History 19th c – 20th c	2010	
33.	Mohammad Reza Niyati / Ali Hossein	Prof. A. Satyanarayana	Military System Under the Nizam's 1724-1948	2010	
34.	K. Vijay Kumar / Seenaiah	Prof. K. Ramakrishna	Merger of Telangana in Andhra State – Its Impact – A Historical Study	2011	
35.	B. Pavan Kumar / Buchaiah	Prof. R. Varalakshmi	The History of Trade and Commerce in Hyderabad State under Nizam's during 1724 – 1948 A Study	2011	

36.	Alle Vijay Kumar / Alle Maraiah	Dr. K. Arjun Rao	Sewerage and Water System in Hyderabad State (1724-1948)	2011	
37.	Lunavath Rajaram / Lakiya	Prof. A. Satyanarayana	Impact of Tribal Welfare Programmes in Andhra Pradesh (1956-2006)	2011	
38.	N. Usha Rani / N. L. Narasimha Rao	Prof. M. Venkateshwar Rao	Socio-Economic and Demographic Changes of Hyderabad City in Twentieth Century – An Historical Perspective (1901-2000)	2011	
39.	Vangala Rajitha / Narsimha	Prof. K. Ramakrishna	The Important Tourist Centres in Andhra Pradesh with Special Reference to Telangana Region	2011	
40.	Moluguru Srinu / Moluguru Somaiah	Prof. M. Venkateshwar Rao	A Biographical Study of Konda Laxman Bapuji	2011	
41.	Ch. Prasad / Ch. Krishna Murthy	Dr. K. Arjun Rao	Chenchus of Andhra Pradesh – A Historical Study (1956-2007)	2011	07-11-2014
42.	K. Venkata Srinivasa Rao / Ramchander Rao	Prof. I. Lakshmi	Impact of Hinduism on Tribal People in Telangana – A Study of Adilabad District 1900-2000 A.D.	2011	
43.	D.K. Raju / Sayanna	Prof. R. Varalakshmi	Life and Times of Pothuluri Veerabrahmam	2011	
44.	Golla Ramulu / Gopalaiah	Prof. I. Lakshmi	Military System during the Vijayanagara Period (14^{th} – 16^{th} Century)	2011	
45.	Kumaraswamy. S. / Sri Lingaiah	Prof. M. Venkateshwar Rao	Literary and Cultural Awakening in Nizam State: A Study of the Contribution of Sri Komarraju Venkata Laxmana Rao	2011	
46.	Mothe Sammaiah / M. Buchaiah	Prof. A. Satyanarayana	Socio-Economic History of Madigas in Warangal Subah of Hyderabad State During 1911-1950 A.D.	2011	
47.	Bhattu Sunitha/ B. Goliya	Dr. G. Anjaiah	Growth of Irrigational Works and Socio-Economic Transformation in Nalgonda District 1956-2006 A.D.	2011	
48.	Velpula Sunitha / Kotaiah	Dr. Zareena Parveen	Identity and Consciousness of the Dalits in Telangana 1911-1995.	2011	
49.	S.K. Rahimunnisa Begum / S.K. Khasim	Dr. G. Anjaiah	Educational System and the Issues of Women among the Muslims of Telangana 1956-2010	2011	
50.	Sunitha Pandi / Mallaiah	Dr. B. Lavanya	Role of Dalit women in Telangana Armed Struggle 1921-51 (A Case Study of Nalgonda District)	2011	
51.	Vemula Kameshwar Rao / Vemula Sambaiah	Prof. A. Satyanarayana	Socio-Economic Transformation of Vaddera's in Andhra Pradesh from 1956-2010 (Case Study of Khammam, Krishna and Guntur Districts)	2011	

52.	Srinaiah Kambampati / Mallaiah	Prof. I. Lakshmi	The Saiva and Vaishna Cults and Temple Construction in Telangana 9th to 15th Century	2011	
53.	Upperaboyina Jyothi / Lingaiah	Prof. K. Ramakrishna	Cultural Aspects of Telangana in Modern Era (1949-2009)	2011	
54.	Pabbathi Aravindu / Appaiah	Dr. K. Arjun Rao	The Evolution of *"Puragiri Kshatria" (Perika)* Community and the Integrated Study on Socio-Economic and Political Profile from 1900 A.D. – 2010 A.D. in Telangana	2011	
55.	Kasani Srinivasa Rao / Somaiah	Dr. G. Anjaiah	Agriculture and Industrial Development under the Nizam's State From 1724 A.D. To 1948 A.D. – A Study	2011	
56.	Palakuri Ashok Kumar / Lingaiah	Prof. G. Sudarshan Reddy	Struggle for the Identity / Telangana Movement (1948-2010)	2011	
57.	Dhananjaya / Kashappa	Dr. N. Vidyaranya Swamy	Administrative System of Samasthanas under Nizam's Dominion with Special Reference to the Mahabubnagar District (1911-1948 A.D.)	2011	
58.	P. Vijaya / P. Sayanna	Prof. R. Varalakshmi	Socio-Economic Conditions of Tribal Women: A Case Study in Telangana Region of Andhra Pradesh (From 1956-2010)	2011	
59.	Sharif Mahammad / Yousuf	Dr. Zareena Parveen	Socio-Economic and Political Condition of Muslims in Telangana from 1956-2010	2011	
60.	Durgam Bhaskar / Durgam Narayana	Dr. K. Arjun Rao	Telangana Movement: A Historical Perspective 1969-2010	2011	
61.	Kadem Satish / Yadaiah	Prof. K. Ramakrishna	A Study of the Activities of the Christian Missionaries in Telangana 1830 to 1948	2011	
62.	Kadem Ramesh / Kadem Lingaiah	Prof. K. Ramakrishna	The Impact of the Dr. B.R. Ambedkar's Ideology in Andhra Pradesh Among Scheduled Castes with Special Reference to Telangana Region from 1950-2006 A.D.	2011	
63.	M. Prasad / M. Guravaiah	Prof. M. Venkateshwar Rao	Rural Indebtedness in Hyderabad State 1911 to 1948	2011	
64.	Devapangu Bujji / Muttaiah	Prof. G. Venkat Rajam	Telangana Identity – A Peep in to History	2011	
65.	Korba Laxmi / Abbaiah	Dr. N. Vidyaranya Swamy	The Jogini System in Telangana Socio-Economic – Cultural Study, (From 1956-2010 A.D.)	2011	
66.	Bhukya Saidulu / Bhukya Ramjya	Prof. R. Varalakshmi	Trade, Transportation and Communities in the late Medieval Deccan – A Study of Banjaras	2011	10-06-2016

67.	M. Sunitha / M. Rajaram	Prof. G. Venkat Rajam (Retd.)	The Freedom Movement in Hyderabad State with Special Reference to Adilabad District	2011	
68.	Hassan Khademi Ramhormozi / Mostafa	Prof. R. Varalakshmi	Indian Merchants in Iran 1600-1900 A.D.	2011	19-04-2016
69.	Brunello Zanitti Francesco / Mario Bruneuo Zanitti	Prof. A. Satyanarayana	The Role of Farmers in Telangana Movement: Analysis through a Historical Perspective with a Component of Economic and Social Actuality	2012	
70.	Syed Muneer / Syed Moinuddin	Prof. E. Sudha Rani	Gadees of Nalgonda District: Historical Significance	2013	
71.	Meenakshi Puvvada / Radha Venkata Ramana Rao	Prof. G. Venkat Rajam (Retd.)	Irrigation and Growth of Agriculture in Andhra Pradesh 1956-2009 A.D.	2013	
72.	Ramu Lagishetti / Narayana	Prof. M. Venkateshwar Rao	A Biographical Study of Bheemreddy Narsimha Reddy (B.N. Reddy)	2013	
73.	Narsingoji Naresh Chary / Ramakistaiah	Prof. I. Lakshmi	Science and Technology in Andhradesa During 1000-1600 A.D.	2013	
74.	Ambadipudi Sujatha / Rathaiah	Dr. B. Lavanya	Historical Women Empowerment in India Through DWACRA Groups in Andhra Pradesh: A Case Study on Khammam District	2013	
75.	Prabhavathi Vuduturi / Narayana	Prof. G. Sudarshan Reddy	A Study of Vishalandhra Movement 1952-1956	2013	
76.	Jebunnisa. SK / Ahamad	Dr. Zareena Parveen	Socio-Economic and Political Conditions of Muslims in Andhra Pradesh from 1956-2010	2013	
77.	Peddarapu Ramakrishna / Gurunadam	Dr. G. Anjaiah	Literary and Cultural Awakening in Nizam State: A Study of the Contribution of Sri Komarraju Venkata Laxmana Rao	2013	
78.	Vemula Hari Prasad / Bikshapathi	Prof. M. Venkateshwar Rao	Waddara Community: A Study on Their Socio-Economic and Political Profile from Early Times to Colonial	2013	
79.	Arukonda Srinivasulu / Ramulu	Prof. R. Vara Lakshmi	Socio-Economic and Cultural Conditions of Tribes in Telangana: A Case Study of Kolams in Adilabad District A.D. 1941-2012	2013	
80.	P. Muthyam / Rajaiah	Prof. K. Arjun Rao	Emergence of Gouda Community in Andhra Pradesh Politics: A Historical Perspective (1956-2009 A.D.)	2013	
81.	Bandi Srinivas / Ramakrishna	Prof. G. Sudarshan Reddy	The Development of Konda Doras in Andhra Pradesh (A.D. 1956-2012)	2013	

82.	Nookeswara Rao, G. / Narasaiah	Prof. M. Venkateshwar Rao	Historical Background of Tourist Potential in Telangana: A Case Study of Adilabad District	2013	
83.	Osman Pasha Shaik / Jani Miya	Dr. B. Lavanya	Development of Education among Muslims in Andhra Pradesh – 1956-2010 A.D.	2013	
84.	Srujan Kumar, G / Maraiah	Prof. E. Sudha Rani	Society and Politics in Telangana – A Case Study of Backward Class Identity and Movements (1980-2010)	2013	
85.	Yasa Suman / Bhushanam	Prof. K. Rama Krishna	Socio-Economic Life of the Mala Community in the Telangana Region: A Historical Perspective	2013	
86.	Manda Sunitha / M. Guravaiah	Prof. G. Venkat Rajam	Rural Indebtedness in Nizam's Era – Focus on Last Nizam (1911-1948 A.D.)	2013	
87.	Mangtha Maloth / Nama	Dr. B. Lavanya	Nobility under the Qutubshahis (From 1512 A.D. to 1687 A.D.)	2013	
88.	K. Tulasi / Jathriya	Prof. G. Venkat Rajam (Retd.)	Conservation of Ecology and Tribal Cult Practices in Andhra Pradesh	2013	
89.	Naveen Reddy, G. / Narsa Reddy, G.	Prof. I. Lakshmi	Migrations from Northern Telangana to Gulf Countries	2013	
90.	B. Venkataiah / Laxmaiah	Prof. G. Sudarshan Reddy	Tribal Land Question in Hyderabad State – A study of Telangana Region (1858 A.D. – 1948 A.D.)	2014	
91.	Banavath Sarada / Banavath Sakru	Dr. S. Anjaiah	Changing Status of the Tribes of Telugu Lands: Colonial and Post-Colonial Period in A.P	2015	

b) From other universities

Sl. No.	Name	Supervisor	Title	Year of Enroll-ment	Remarks
1.	Gadipe Satyam / Mysaiah	Prof. A. Satyanarayana	Development of Scheduled Caste and Scheduled Tribes Education in Andhra Pradesh – A Historical Study of 1956-2006 A.D.	2011	Non-NET
2.	V. Vittalaiah / Chennaiah	Prof. I. Lakshmi	A Study of Architecture of Nagarjunakonda and Temples of Nallamalai Region	2011	
3.	Nageshwar Joolu / Yadagiri	Prof. R. Varalakshmi	Cultural and Ecological Tourism in the Krishna Valley	2011	
4.	Bhukya Anil Kumar / B. Chandraiah	G. Anjaiah	Cultural Tourism in Warangal District – A Study of Hanamkonda and Palampet	2011	RGNF
5.	Angothu Bhadru/ Angothu Dhubla	Dr. B. Lavanya	Art and Architecture of the Temples of Nalgonda District upto 15th Century	2013	RGNF

6.	Bolaka Mallaiah / Bolaka Narsaiah	Prof. R. Varalakshmi	History and Culture of Devarakonda and Rachakonda – 1323-1475 A.D	2013	Non-NET
7.	Saidulu Bandari / Anjaiah	Dr. B. Lavanya	Archaeology of Musi River Valley, Andhra Pradesh	2013	

40. Number of post graduate students getting financial assistance from the university

Nil

41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.

Yes, whenever the semester syllabus revised the teachers hold BOS meetings regularly and revise according to the UPSC, APPSC, UGC-NET/APSET syllabus taking into consideration for the benefit of students.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, individually the teachers improve their teaching pattern according to the feedback given by the students.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, after Second and Fourth Semester Internal Assessment Exams we will give feedback forms and take back the forms after filled by the PG students and modify our teaching pattern.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

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43. List the distinguished alumni of the department (maximum 10)

Prof. H.K. Sherwani (late)

Prof. Gulam Yazdani (late)

Prof. Srinivasa Chary (late)

Prof. R. Narasimha Rao (late)

Prof. Alladi Vaidehi (late)

Prof. Sarojini Regani (late)

Prof. Y. Vaikuntham

Prof. R. Soma Reddy

Prof. Sadiq Ahmed Naqvi

Prof. Sarojini Devi

44. Give details of student enrichment programmes (special lectures / workshops / seminars) involving external experts.

2011-2012

Sl No	Name of the Teacher	Nature of Interaction	Date	Duration
1.	**Dr. T. Vijay Kumar,** Department of History,Eritrea University, Eritrea.	"Famines in Madras Presidency".	24-08-2011	2 Hours
2.	**Prof. Satya D. Laxman Das** Department of History,Lock-Haven University, USA.	"Famines in British India".	24-08-2011	2 Hours
3.	**Prof. Rajsekhar Basu,** Department of History, Kolkata University, Kolkata.	"Anti-British Uprisings in India".	08-09-2011	2 Hours
4.	**Prof. Rajsekhar Basu,** Department of History, Kolkata University, Kolkata.	"The Many Ideas Related to Nationalism".	09-09-2011	2 Hours
5.	**Prof. Rajsekhar Basu,** Department of History, Kolkata University, Kolkata	"The Tribe in Indian Discourse".	09-09-2011	2 Hours
6.	**Prof. N. Rajendran,** Dept. of History, Bharatidasan University, Trichirapalli	"Understanding Subaltern and Post-Modernist Historiography"	17-03-2012	2 Hours
7.	**Prof. Biswamoy Pati,** Department of History, Delhi University, Delhi.	"Tribals in Colonial India"	27.03.2012	2 Hours
8.	**Prof. T.K. Venkata Subramanyam,** Department of History, Delhi University, Delhi.	"History of Music in South India – Two Readings, A Text and an Inscription"	28.03.2012	2 Hours

2013-14

Sl No	Name of the Teacher	Nature of Interaction	Date	Duration
1.	**Dr. K. Ramesh,** Distance Education Council, IGNOU	"The Socio-Political Awakening in Telangana".	28-09-2013	2 Hours

2014-15

Sl No	Name of the Teacher	Nature of Interaction	Date	Duration
1.	**Dr. Shadaksharaiah,** Professor of History & Director, Academic Staff College, Bangalore University, Bangalore, Karnataka	"Essence of Greeko-Roman Historiography"	25-02-2015	2 Hours
2.	**Prof. Syed Inayath Zaidi,** Department of History & Culture, Jamia Millia Islamia – A Central University, Jamia Nagar, Delhi	"Islam and Its Cultural and Historical Perspectives in South Asia"	13-03-2015	2 Hours

2015-16

Sl No	Name of the Teacher	Nature of Interaction	Date	Duration
1.	**Smt. Mallu Swarajyam**, Freedom Fighter & Ex-MLA	"Issues related to the Integration of Hyderabad State into Indian Union"	16.09.2015	2 Hours
2.	**Dr. D. Raja Reddy** (Retd.) Director, Nizam's Institute of Medical Sciences (NIMS)	"Coins as a Source of Study for the Construction of Indian History and Satavahanas"	28.01.2016	2 Hours

45. List the teaching methods adopted by the faculty for different programmes.

On the Black board, LCD Projector and Maps/Charts.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The department is conducting Two Internal Assessment Tests and the students should also submit Assignments in all the five papers to their teachers in each semester.

47. Highlight the participation of students and faculty in extension activities.

Majority of the students & the faculty members participate in various extension programmes like Workshops, NSS, NCC, etc.

48. Give details of "beyond syllabus scholarly activities" of the department.

Social activism, Extension services, Sensitizing the local histories.

49. State whether the programme / department is accredited / graded by other agencies? If yes, give details.

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50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The faculty members of the Department are working on various themes i.e., Dalit Studies, Diaspora, Tribal Identity, Environmental Studies and Regional History. These studies will generate new knowledge in historical studies.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

STRENGTHS:

1. Well qualified/trained/experienced teaching faculty.
2. Well qualified & experienced Non-Teaching Staff.
3. The Departmental Seminar Library is well equipped with 4,825 books and 7 journals.
4. The Department also acquired the rare source material on Hyderabad State history and has gone for the translation of Persian and Urdu documents into English. It has also possessed Newspapers of early 20th century of Telangana region such as Golkonda Patrika from 1926 to 1964.
5. The Department procured electronic items like Television, Tape Recorder, Camera, LCD Projector, etc.

WEAKNESSES:

1. The Department is suffering inadequate permanent teaching faculty.
2. The faculty is lacking financial assistance to take up any developmental activities.

52. Future plans of the department.

- Plans to organize Extension Lectures by Eminent Scholars, Seminars, Workshops, Symposiums and Conferences on various themes at National and International levels.
- Intends to take up the publications work of Seminar Proceedings and collection of rare source material and individual publications.
- Aspires to explore the untouched areas of Deccan History.

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Department of Library & Information Science

1. Name of the Department : **Library & Information Science**

2. Year of establishment : **1959**

3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Social Sciences

4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :

   UG : BLISc (Bachelor of Library & Information Science)

   PG : MLISc (Master of Library & Information Science)

   Diploma : PGDDIM (PG Diploma in Digital Information Management)

   Ph.D : Doctor of Philosophy

5. Interdisciplinary courses and departments involved:

   Yes,Inter Disciplinary Paper with Commerce, History, Sanskrit & English

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   NIL

7. Details of programmes / courses discontinued, if any, with reasons :

   NIL

8. Annual/ Semester/Choice Based Credit System :

   Semester with Choice Based Credit System

9. Participation of the department in the courses offered by other departments

   NIL

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Designation	Sanctioned	Filled
Professor	01	02
Associate Professor	02	--
Asst. Professor	05	02

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Dr. V. Vishwa Mohan	M.A, MLiSc, Ph.D	Professor	Research Methodology, Information Sources and Services	30	07
Dr. S. Sudarshan Rao	MA, MLiSc, Ph.D	Professor	Information Retrieval Systems, Information Systems and Programms	29	05
Dr. Dimple Patel	MLiSc, Ph.D	Assistant Professor	Information and Communication, Information Technology	07	--
Dr. J. Viveka Vardhan	M.Tech, MSc, M.Ed, MLiSc, Ph.D	Assistant Professor	Introduction to Computers Information Technology	05	--
Dr.K.Bharathi	MLISc Ph.D	Assistant Professor	Classification Information Retrieval System	04	
		Contract Faculty			

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors :

Emeritus Professor: Prof. N. Laxman Rao

Emeritus Professor: Prof. S.Sudarshna Rao

13. Percentage of classes taken by temporary faculty – programme-wise information

BLiSc : 40%, MLISc: 40%, PGDDIM: 20%

14. Programme-wise Student Teacher Ratio

BLiSc - 14: 1, M.LiSc - 9:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled : **Nil**

16. Research thrust areas recognized by funding agencies : **Nil**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise. : **Nil**

18. Inter-institutional collaborative projects and grants received

    a) All India collaboration b) International : **Nil**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

    Rs. 47.00 Lakhs received from UGC under Innovative Programme to start PGDDIM.

20. Research facility / centre with : state recognition, national recognition, international recognition

    Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies

    Nil

22. Publications:

    * Number of papers published in peer reviewed journals (national / international): **04**
    * Monographs: **04**
    * Chapters in Books : **02**
    * Edited Books : **04**
    * Books with ISBN with details of publishers:04

      Need for Second Freedom Struggle in India. ISBN No 9788184121643, Asian Books Pvt

    * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Scopus : 01**
    * Citation Index – range / average --
    * SNIP --
    * SJR --
    * Impact Factor – range / average --
    * h-index 3

23. Details of patents and income generated : **Nil**

24. Areas of consultancy and income generated : **Nil**

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad :

Prof. V. Vishwa Mohan visited Macon State College, Atlanta, USA. EBLIPS-Bridging the Gap: 5th International Evidence based Library & Information Practice Conference, Stockholm, Sweden. Delhi University, Nagpur University, Mumbai University, Mysore University, Ambedkar University, Andhra University, SK University, Nagarjuna University, Pondicherry University as Subject Expert.

26. Faculty serving in

a) National committees

b) International committees

Prof. V. Vishwa Mohan, Co-chair of International Conference at JNTUH, Hyderabad

c) Editorial Boards

Prof. V. Vishwa Mohan.

1. Member, International Board of Reviewers
2. International Journal of Doctoral Studies (IJDS)
3. Interdisciplinary journal of E- learning and Learning Objects (IJELO)

d) any other (please specify):

27. Faculty recharging strategies:

Faculty are encouraged to regularly attend UGC Academic Staff College Refresher/Orientation Courses, National Workshops, Seminars & Conferences.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects :**100%**
- percentage of students doing projects in collaboration with other universities / industry / institute :**Nil**

29. Awards / recognitions received at the national and international level by

- Faculty:

  Prof. S. Sudarshan Rao - IATLIS Motiwale Best National Library & Information Science Teacher Award 2012

- Prof. S. Sudarshan Rao- Parvathaneni Gangadhar Rao Award
- Doctoral / post doctoral fellows : **NIL**
- Students : **NIL**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- 2010 – Department Golden Jubilee Celebrations – National, D-Space Workshop
- 2011- UGC NET Workshop – National – from Dept. Fund
- 2012- UGC NET Workshop – National - from Dept. Fund
- 2015-Workshop on **"*Developing Soft Skills* 15th Sept 2015** Depart. Fund
- 2015- Extension Lecture on ***'Digital Preservation and Hypertext'*** organized by the Department of Library and Information Science under the Platinum Jubilee celebrations of Arts College at UCA&SS, OU, Hyderabad

  01st October 2015
- 2015 Workshop on ***'Stress Management'*** **3rd October 2015** Depart Fund
- 2016- Workshop onone day workshop on ***"Altmetrics"*** conducted by the Department of Library and Information Science, Osmania University, Hyderabad in collaboration with NERTU, OU, Hyderabad.

20th April 2016.

31. Code of ethics for research followed by the departments :

Yes, As per UGC guidelines

32. Student profile course-wise:

Name of the Course	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2012-13	54	36	28	50%	45%
2013-14	54	33	21	50%	40%
2014-15	54	37	17	55%	40%
2015-16	52	29	23	50%	45%
M.Lib.I.Sc2011-12	30	18	12	50%	45%
2012-13	30	18	14	60%	40%
2013-14	30	19	11	50%	45%
2014-15	29	18	11	55%	45%
2015-16	27	17	10	50%	45%
PGDDIM 2011-12	NIl	-	-	-	-
2012-13	13	7	6	50%	40%
2013-14	19	11	8	55%	40%
2014-15	23	12	5	55%	40%
2015-16	29	19	9	50%	40%

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BLISc	**90**	**10**	**-**	**-**
MLISc	**60**	**40**	**-**	**-**
PGDDIM	**40**	**60**	**-**	**-**
Ph.D	**75**	**10**	**05**	**10**

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sl.No	Year	NET/SLET		Category		
				SC	ST	BC
1	2011	NET	6	2	-	2
2	2012	NET	8	3	2	3
3	2013	NET	10	3	2	4
4	2014	NET	8	4	1	3
5	2015	NET	35	15	4	10
6	2016	NET	15	6	3	6

35. Student progression

Student progression	Percentage against enrolled
UG to PG	60
PG to M.Phil.	--
PG to Ph.D.	20
Ph.D. to Post-Doctoral	--

Employed • Campus selection • Other than campus recruitment	 15 85
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	**100**
from other universities within the State	**Nil**
from universities from other States	**Nil**
from universities outside the country	**Nil**

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period :

Three

38. Present details of infrastructural facilities with regard to

a) Library : **Yes**
b) Internet facilities for staff and students : **Yes**
c) Total number of class rooms : **2 Class Rooms**
d) Class rooms with ICT facility : **Yes**
e) Students' laboratories : **02**
f) Research laboratories : **NIL**

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university : **85%**
b) from other universities **:** **15%**

40. Number of post graduate students getting financial assistance from the university.

20 (80%)

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Recently PGDDIM Course was introduced with an aim to produce competent Manpower in the field of Library & Information Science. Keeping in view the market/industry requirement this programme was submitted to the UGC under XI Plan Innovative Programme and received grant to start the course. The programme proposals were approved in the Board of Studies (BoS), Faculty & Standing Committee.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, Faculty feedback is incorporated into the syllabus at the time of revision of syllabus. The same will be discussed in the Departmental Committee for bringing changes in Teaching, Learning and Evaluation Process.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, Modifications will be made in the curriculum Teaching, Learning and Evaluation Process.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes, designing new programs, Modifying curriculum and teaching &learning activities.

43. List the distinguished alumni of the department (maximum 10)

1. Prof. E. Rama Reddy (Retd.) and Visiting Faculty for Mahasarakham University, Thailand
2. Dr. T A V Moorthy, Director, INFLIBNET
3. Dr. A. Srinivasa Charyulu, F A O, Bangkok
4. Prof. V. Vishwa Mohan, Head, Chairman, BoS, DLISc, OU
5. Prof. N. Laxman Rao (Retd.), UGC Emiretus Fellow, DLISc, OU
6. Prof. S. Sudarshan Rao, OU
7. Dr. M. Madhusudhan, Deputy Dean Academic of Social Science, Delhi University, New Delhi.
8. Dr. Brij Mohan Khanna, Librarian, National Geographical Research Institute
9. Dr. L.S. Ramaiah (Retd.), Ramesh Mohan Library, English Foreign Language University.
10. Mr. B. Madhusudhan, Deputy Manager, State Bank Staff College, Begumpet.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:

UGC NET Work Shop, Golden Jubilee Celebration, Extension Lectures

45. List the teaching methods adopted by the faculty for different programmes.

Audio Visual Method (AV) Demonstration, Practicals, Internship

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

1. Through regular Remedial classes
2. Conduct of Internal Assessment Tests & giving Assignments
3. Student Seminars

47. Highlight the participation of students and faculty in extension activities.

NSS Awareness Programme, Literacy activities, Community Information Services.

48. Give details of "beyond syllabus scholarly activities" of the department.

- Teleconference Programme in Dr. B.R. Ambedkar Open University.
- Publication of Monographs, TV. Radio –talks.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Publication of Faculty Research Papers and Books, the Department contributed for the generation of new knowledge.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths: ➢ 100% Placement ➢ Internship Programme ➢ Availability of Infrastructure ➢ Dedicated Motivated Faculty ➢ Students with required aptitude.	**Opportunities:** ➢ Best job Market ➢ Career growth & advancement ➢ Diversification of programs ➢ Scope for interdisciplinary program & research ➢ Opportunity for international collaboration
Weaknesses: ➢ Lack of sufficient staff ➢ Students with less communication skills ➢ Insufficient space ➢ Lack of regular training on the latest trends /technologies to the Faculty. Financial limitations for organizing programs	**Challenges:** ➢ Student Motivation ➢ Improving Communication & Information Literacy Skills on the part of students ➢ Adapting to technological changes ➢ Resource development Keeping pace with the latest development & producing competent manpower.

52. Future plans of the department.

Plans to develop online courses & E-Learning Packages.

Department of Political Science

1. Name of the Department : Political Science

2. Year of establishment : 1948

3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Social Sciences

4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   PG - M.A. in Political Science

   Ph.D. in Political Science

5. Interdisciplinary courses and departments involved

   Yes

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   TISS

7. Details of programmes / courses discontinued, if any, with reasons

   None

8. Annual/ Semester/Choice Based Credit System

   Semester with Choice Based Credit System

9. Participation of the department in the courses offered by other departments

   Academic Staff College; Indian Council for Social Science Research; Advanced Centre for American Studies; OU Centre for International Programmes; Commissionerate College Education; AMS College of Education; College of Air Warfare; College of Defense Management; Academic Staff colleges of: Lucknow University; Banaras Hindu University; TISS; Kakatiya University; S V University.

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Designation	Sanctioned	Filled
Professor	4	7
Associate Professor	7	--
Asst. Professor	6	--

11. Faculty profile with name, qualification, designation and specialization (D.Sc./ D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Prof. P. Muthaih	M.A., L.L.B., Ph.D.	Professor	Gender Studies, Political Thought	31	3
Prof. V. Yoga Jyotsna	M.A., M.Phil., Ph.D.	Professor	International Relations & Defence and Strategic Studies	28	2
Prof. K. Benjamin	M.A., M.Phil., Ph.D.	Professor	International Relations & Defence and Strategic Studies	28	6
Prof. K. Srinivasulu	M.A., M.Phil., Ph.D.	Professor	Political Sociology, Political Theory, Political Economy	30	3
Prof. M. Channa Basavaiah	M.A., M.Phil., Ph.D.	Professor	International Relations, Peace Studies, Political Economy, Political Sociology, Environmental Politics	24	2
Prof. G. Krishna Reddy	M.A., M.Phil., Ph.D.	Professor	Western Political Thought and Dalit Bahujan Studies	21	
Prof. Jadi Musalaiah	M.A., M.Phil., Ph.D.	Professor	Political Theory, Political Economy, Political Sociology, Politics of Identity, Comparative Politics, Indian Political Thinking, Ambedkar and Dalit Studies, Feminism and Gender Studies	23	1

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors

Emeritus Professor:

1. Prof. Kousar J. Azam
2. Prof. P.V. Rao

The following eminent professors invited as visiting fellow under CAS – UGC Programme:

2011-12

1. Prof. R.S. Chauhan, Department of Political Science, Himachal Pradesh University, Shimla, Himachal Pradesh has been invited from 19.2.2012 – 26.2.2012 under CAS-UGC Programme for the academic year 2011-12. He has delivered the lectures on Economic Development of Smaller States, Indo-Pak Relations after Post Mumbai Attacks, Challenges of Secessionism in Jammu Kashmir, Indo-Pakistan Relations in Recent Period, Confidence Building Measures between India and Pakistan, Indian Interests in Central Asia and Politics of Smaller States.
2. Prof. H. John Sema, Head, Department of Political Science, Nagaland University, Nagaland has been invited from 29th January to 4th February, 2012 under CAS-UGC Programme for the academic year 2011-12.. He has delivered the lectures on Peace and Security in North East, Economic Prospects of North East, Politics of North East, Naga Peace Process – Human Rights in North East, Insurgency in North East, North East in India's Look East Policy, States and Politics in North East, Civil Society and North East Politics and Local Self Governments in North East.
3. Prof. B.S. Chimni, Centre for International Legal Studies, School of International Studies, Jawaharlal Nehru University New Delhi has been invited as Visiting Fellow from 26.01.2012 – 31.1.2012 under CAS – UGC Programme for the academic year 2011-12. He has delivered the lectures on Imperialism in 21st Century, Globalization and International Law, A Class Approach to International Relations, Third World Approaches to International Law, The Double Life of Human Rights Law, International Institutions and the Emerging Global State and Human Rights in 21st Century.

2010-11

1. Dr. Bulbuldhar, Associate Professor, Department of Political Science, Jamia Millia Islamia University, New Delhi has delivered lectures on Human Rights and Gender Justice, Human Rights and Social Justice, Global Political Economy, Liberalization Privatization and Globalization and Human Rights: Conceptual Framework. She is invited as Visiting Fellow under CAS – UGC Programme for the academic year 2010-11.
2. Dr. Krishna Menon, Associate Professor, Department of Political Science, Lady Shri Ram College, Delhi University, New Delhi has delivered lectures on Dalit Feminism – The Universal vs. the Specific and Current Scholarship on Democracy and Development in India. She is invited as Visiting Fellow under CAS – UGC Programme for the academic year 2010-11.
3. Prof. B.N. Ray, Department of Political Science, Delhi University, Deli has delivered lectures on Post Modernism, Post Structuralism, Nature and Use of Political Theory, Interrogating Theory and Thought, Critical Theory in 21st Century, Multi-Culturalism, Gandhism and its Relevance and Political Theory in India. He is invited as Visiting Fellow under CAS – UGC Programme for the academic year 2010-11.

13. Percentage of classes taken by temporary faculty – programme-wise information

Nil

14. Programme-wise Student Teacher Ratio

10:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Academic Support Staff	7
Administrative Staff	4

16. Research thrust areas recognized by funding agencies

State, Governance and Public Policy

International Studies

Defense & Strategic Studies

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

Name of the Faculty	Title of the Project	National/ International	Total Grant
Prof. K. Srinivasulu	State-Business Relations in India'	International	100 Lakhs
Prof. K. Srinivasulu	The Politics of India's Special Economic Zones', A Collaborative Project, Centre de Sciences Humaines	National	100 Lakhs
Prof. G. Krishna Reddy	"Mapping Decentralization in Andhra Pradesh – A study in Paradigm shift (Major Research Project)	National	6.80 Lakhs

18. Inter-institutional collaborative projects and grants received

e) All India collaboration b) International

1.	Prof. K. Srinivasulu	Ford Foundation	100 Lakhs

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

Name of the Project	From – to	Total Grant
Centre for Advanced Study – Phase I	2007-2012	Rs. 54.00 Lakhs
Centre for Advanced Study – Phase II	2013-18	Rs. 87.50 Lakhs

20. Research facility / centre with

- state recognition

- national recognition - UGC
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies

--

22. Publications:

* Number of papers published in peer reviewed journals (national / international) 30
* Monograph : 8
* Chapters in Books : 20
* Edited Books : 8

1. "Concepts, Theories and Institutions", B.A. Political Science, Paper – I, (English Version), Prof. G.R. Ram Reddy Centre for Distance Education (PGRRCDE), OU, Hyderabad, 2010.

2. "Concepts, Theories and Institutions", B.A. Political Science, Paper – I, (Telugu Version), PGRRCDE, OU, Hyderabad, 2010.

3. "Political Science - Concepts, Theories and Institutions", B.A. Political Science, Paper – I, (English Version), Telugu Akademi, Hyderabad, 2010.

4. "International Relations," B.A. Political Science, Paper – IV, (English Version), PGRRCDE, OU, Hyderabad, 2010.

5. Empowerment: State, Governance and Beyond

6. Special Economic Zones: Policies, Politics and People

7. Impact of Public Policies on 2009 Elections in Andhra Pradesh

8. Emerging Agrarian Policies: Programmes and Processes in Andhra Pradesh: An Evaluation

* Books with ISBN with details of publishers : 4

1. "Exclusion and Exploitation: A Conceptual Understanding" – Article published in the book "Exclusion and Discrimination – Concepts, Perspectives and Challenges", ISBN 978-81-8457-224-7, Kanishka Publishers & Distributors, New Delhi, 2010.

2. "Emerging Agrarian Policies, Programmes and Processes in Andhra Pradesh", ISBN: 978-81-7446-777-5, New Delhi, 2009 published by 'EXCEL BOOKS', New Delhi.

* Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) --
* Citation Index – range / average : --

* SNIP --
* SJR --
* Impact Factor – range / average --
* h-index --

Publications under Centre for Advanced Study – Phase I (April 2007 to 31.3.2012)

I	Books		
	1.	Empowerment: State, Governance and Beyond	
	2.	Special Economic Zones: Policies, Politics and People	
	3.	Impact of Public Policies on 2009 Elections in Andhra Pradesh	
	4.	Emerging Agrarian Policies: Programmes and Processes in Andhra Pradesh: An Evaluation	
II	Field Study Reports		
	1.	Dimensions of Food Security – Impact of Urban Governance Policies and Political Perspectives on 2009 G.H.M.C. Elections	
	2.	Irrigation Policies in Andhra Pradesh: A Study of Telangana Region	
III	Seminar Proceedings		
	1.	Higher Education Policies & Perspectives	
IV	Workshop – Proceedings		
	1.	State and State of Minorities	
V.	CAS Occasional Papers Series		
	1.	Dr. Ram Manohar Lohia's Contributions	
		A.	The Uncommon Iconoclast: Dr. Ram Manohar Lohia – The Thinker and Activist
		B.	Skin Colour: Fanon and Ram Manohar Lohia
		C.	M.N. Roy and Lohia Ideologies – Old and the New
		D.	Life Sketch and Contributions of Dr. Ram Manohar Lohia
		E.	Dr. Lohia's Perceptions of Gender Inequality
VI	Working Papers		
	1.	Political Economy of Federalism in India: Economic and Regional Disparities	
	2.	Inter-Community Life in Hyderabad Reconfigurations	

23. Details of patents and income generated NiI

24. Areas of consultancy and income generated Nil

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad

Prof. Kancha Ilaiah – National & International
Prof. T. Tirupati Rao – National & International
Prof. V. Ravindra Sastry – National & International
Prof. K. Srinivasulu – National & International
Prof. V. Yoga Jyotsna – National &International
Prof. D. Ravinder – National
Prof. M. Channna Basaviah – National
Prof. J. Laxmi Narasimha Rao - National
Prof. G. Ram Reddy - National
Prof. G. Krishna Reddy – National & International
Prof. A.V. Satish Chandra - National

26. Faculty serving in

(a) National Committees

1. Prof. Kancha Ilaiah
    a. Presently Director, Centre for Study of Social Exclusion and Inclusive Policy (CSSEIP) at Maulana Azad National Urdu University, Hyderabad (on Deputation).
    b. Presently Member of National Research Committee constituted by the Ministry of Social Justice, New Delhi.
    c. Member – ICSSR, New Delhi
    d. Former Member of National Book Trust, Ministry of Human Resources Development, Government of India, New Delhi for three years.
    e. Member of Planning Commission Sub Committee to work out in agenda for Land Reforms for the XI Five Year Plan.
    f. Presently member of UGC Constitutional Committee to oversee the implementation of OBC reservations in all Central and State Universities of India.
    g. Former member of Executive Council – Periyar/Maniyamma University, Tamil Nadu.
2. Prof. K. Srinivasulu
3. Prof. V. Ravindra Sastry, Member – UPSC
4. Prof. V. Yoga Jyotsna, President, National Congress for Defence Studies, Delhi
5. Prof. K. Benjamin, Member – UPSC
6. Prof. G. Gopal Reddy, President, All India Political Science Association, New Delhi.
7. Late Prof. G. Krishna Reddy, Former Direct, ICSSR, New Delhi, Former Director, Centre for Study on Social Exclusion and Inclusion policy, University of Hyderabad, Hyderabad and Former Coordinator, Centre for Advanced Study – Phase II, UGC-New Delhi.
8. Prof. M. Channa Basavaiah, Director, ICSSR Southern Regional Centre

9. Prof. Naidu Ashok, Member, Technical Terminology Workshops

(b) International Committees

(c) Editorial Boards

- Faculty serving on the editorial boards of national and international journals
  1. Prof. J. Laxmi Narasimha Rao
  2. Prof. M. Channa Basavaiah
  3. A.V. Satish Chandra

(d) any other

27. Faculty recharging strategies

Course Coordinators & Deputy Coordinators in Academic Staff Colleges:

Prof. K. Laxmi	-	Political Science
Prof. P. Muthaiah	-	Political Science & Research Methodology
Prof. V. Yoga Jyotsna	-	Political Science & International Relations Research Methodology
Prof. D Ravinder	-	Member- Technical Terminology Workshops
Prof. Naidu Ashok	-	Member- Technical Terminology Workshops
Prof. V. Ravindra Sastry	-	Member, Curriculum Development Workshops
Prof. V. Yoga Jyotsna	-	Courses on American Studies

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects

  80

- percentage of students doing projects in collaboration with other universities / industry / institute

  20

29. Awards / recognitions received at the national and international level by

- Faculty
  1. Prof. Kancha Ilaiah

     Awarded Manyawar Kanshiram Smriti MAHANAYAK Puraskar for contribution in awakening of depressed masses in India. The award was given by Mahanayak Newspaper on 15th March 2010, at Mumbai, India.

  2. Prof. K. Laxmi

     Best Teacher Award, Govt of Andhra Pradesh, 2013

- Doctoral / post doctoral fellows --
- Post Doctoral Fellows: --

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

International Conferences:

The Department of Political Science in collaboration with Institute of Asian Studies –Hyderabad & A.V. College- Hyderabad organized an *International Conference on Disaster Management 2012*

Seminars:

1) Organized a two-day National Seminar on "Developmental Imbalance and Regional Inequalities: Contextualizing The Issue of Governance" on 17 – 18 March, 2011 at Dr. Marri Chenna Reddy Human Resources, Development Institute (Dr. MCR – HRDI), Road No. 25, Jubilee Hills, Hyderabad. The valedictory address was delivered by Prof. G. Haragopal, Centre for Human Rights, University of Hyderabad, Hyderabad on 18th March, 2011.

2) On the occasion of international women's day, Centre for Women Studies, Osmania University and Mukta-a Telangana Women's Collective in collaboration with Department of Political Science, OU organized a Two-Day Exhibition cum Seminar on "Textures of Colours: Exploring the Telangana Women Paintings" on 8th and 9th March, 2013. The exhibition was accompanied by a series of seminars that explored questions of whether there are uniquely Telangana artistic schools of thought and how they relate to other regional and pan-Indian painting tradition.

3) On 18th August, 2012 a one day National Seminar was held in the Seminar Hall of the Department of Political Science on "Dr. Ram Manohar Lohia's Contributions." The participants were drawn from different areas local as well as national. Prof. R.V.R. Chandrasekhar Rao, Formerly Director, Asia Commonwealth Programmes (D.E.) was the Chairman of the Seminar. The inaugural address was delivered by Prof. K.S. Chalam, Formerly Member, UPSC.

4) One Day Research Scholars Seminar on **"Democracy, Development and Justice,"** on 1.3.2014 under CAS – Phase II, UGC Programme, New Delhi.

5) One-Day Seminar on "**Mahatma Gandhi and the Making of Modern India" on 25.3.2015 in the Department under Gandhian Studies Centre, UGC, New Delhi Programme.**

6) Two Day National Seminar on "**Regional Autonomy, New Politics and Statehood with special focus on Telangana**" on 26 – 27 March, 2015 under CAS – Phase II, UGC Programme, New Delhi. The participants were drawn from different areas local as well as national.

Workshops:

1. Organised two Workshops, one on "State and the State of Minorities" on 5th March, 2012 and another on "Social Movements and the Responses of the Indian State: A Viable Way Forward" on 6th March, 2012 at Seminar Hall, Department of Political Science, University College of Arts & Social Sciences, Osmania University, Hyderabad. Prof. Javeed Alam, Former

Chairman, Indian Council of Social Science Research, New Delhi delivered the key note address on "State and the State of Minorities." Prof. G. Hara Gopal, Centre for Human Rights, University of Hyderabad, Hyderabad delivered the Keynote address on "Social Movements and the Responses of the Indian State: A Viable Way Forward". Around 80 faculty members from various parts of India were participated in the Workshops.

2. The Department of Political Science, Osmania University, Hyderabad organised a Three Day Workshop on "Minor Research Projects" on 12th, 13th and 14th July, 2012. The aim of the workshop is to train junior teachers in how to conceive, conceptualize, concretize and execute minor research projects and other related things.
3. Organised a Workshop on "Poona Pact and Representative Politics: Reflections" held on 15th April, 2013.
4. Organised one-day Workshop on "**12 Weeks to boost your Confidence and Communication"** conducted by G. Ravinder Reddy, Sr. Life Skills Consultant, NECEFIT Career Consulting on **25.2.2014.**

Symposia:

1. Organised a Symposium on "Understanding Caste" on 4th February, 2012 at Seminar Hall, Department of Political Science, University College of Arts & Social Sciences, Osmania University, Hyderabad. Prof G. Krishna Reddy, Director, CSSEIP, University of Hyderabad, Hyderabad was the chairperson of the Symposium. Prof. Adapa Satyanarayana, Department of History, UCA&SS, OU, Hyderabad and Member ICHR, New Delhi delivered a lecture on "Dalit Movement and the Left Interventions in Andhra Pradesh – A Historical Perspective" and Dr. G. Ajay, Centre for Political Studies, Jawaharlal Nehru University, New Delhi delivered a lecture on "Debating Caste Question in India"
2. Symposium on **"Sustainable Development & Youth Empowerment-Experiences of India & Japan"** in October-2012.
3. One Day Symposium on **"Trends in Higher Education in India"** held on 25.2.2013.
4. Organised One-Day Symposium on **"Research Writing and Referencing"** on 31.12.2013 under CAS – Phase II – UGC Programme, New Delhi.

31. Code of ethics for research followed by the departments

All Ph.D. research work of civilian and military personnel is defended publicly by the candidates.

A Viva-Voce date is announced one week before and is conducted openly.

There are multiple levels of presentation between registration and submission by candidates

- Presentation of Proposals
- Presentation of Research Design Seminar

- Presentation of Progress report
- Pre-submission seminar

The Department adheres to norms evolved by the Departmental Research Committee-(DRC) for recognizing supervisors; for admission criteria and periodically reviews the list of recognized journals.

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A. Political Science					
2016	5500	120	60	99	100
2015	5200	120	60	99	100
2014	5000	120	60	99	100
2013	4000	120	60	99	100
2012	3500	120	60	99	100
2011	3200	120	60	99	100

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.A. Political Science	30	70	--	--
Ph.D	80	20		

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET: 6

National Eligibility Test (NET):

1. Ms. K. Kamala
2. J. Viplav Babu
3. CR. Annapurna (SRF)
4. B.Vinay Kumar
5. Dr. Jaheda Begum
6. B. Sriknath (JRF)

SET: 2

1. P. Mukhesh
2. B. Vinay Kumar
3. M. Venkata Reddy
4. Dr. Kota Rajesh

35. Student progression

Student progression	Percentage against enrolled
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	15
Ph.D. to Post-Doctoral	10
Employed • Campus selection • Other than campus recruitment	8
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	70
from other universities within the State	--
from universities from other States	30
from universities outside the country	-

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period

Two

38. Present details of infrastructural facilities with regard to

a) Library : Yes
b) Internet facilities for staff and students : Yes
c) Total number of class rooms : 2
d) Class rooms with ICT facility : Yes
e) Students' laboratories : Yes

f) Research laboratories : Yes

Under Building Renovation Grant, the work consisted of Upgradation/ Augmentation/False Ceiling and Extension of existing rooms for housing and installation of new equipment including Air Condition in the department. Accordingly, the entire work has been completed.

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university

Doctoral students	:	70
Post-doctoral students	:	4
Research Associate	:	1

b) from other universities

Doctoral students	:	14

40. Number of post graduate students getting financial assistance from the university.

100%

All eligible students are getting financial assistance from the Department of Social Welfare, Govt. of Andhra Pradesh.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Interview method; group discussions were held for eliciting opinions on new courses and job oriented programs.

42. Does the department obtain feedback from

d. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes. To update and improve syllabus, context and evaluation methods.

The Head & the Chairperson- Board of Studies periodically interact with In-charge heads from constituent colleges; senior Faculty & the Dean – Social Sciences for curriculum development.

Under A Q A R - for 2013-14 we are framing new, job oriented courses as Diplomas & Certificate Courses in the coming academic years.

Planning parallel stream of M. A. International Studies.

e. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Curriculum revision, paying personal attention in meeting their demands.

f. alumni and employers on the programmes offered and how does the department utilize the feedback?

Engaging them in consultation for project work, in research activity.

43. List the distinguished alumni of the department (maximum 10)

1. Prof. Rasheeuddin Khan, Former Rajya Sabha Member
2. Prof. G. Ram Reddy, Former UG Chairman and Former Vice Chancellor, OU
3. Prof. N.G. Rajurkar, Eminent Nehru Scholar
4. Prof. K. Madhusudhan Reddy, President, All India Political Science Association
5. Prof. A. Narasimha Rao, Chairman, NCDS
6. Prof. Kousar J. Azam, Chairman, APPSC
7. Prof. Tiwari, Former Vice Chancellor
8. Prof. Rama S. Melkote
9. Prof. K. Purushotham Reddy – Eminent Environmentalist
10. Prof. Kancha Ilaiah, Member, National Book Trust
11. Prof. T. Tirupati Rao, Former Vice Chancellor, OU

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

1) Guest Lecturer on "Political and Constitutional Developments in Nepal" by Dr. Som Pudasaini, UN Representative to Yemen, Sri Lanka and Maldives on 30.3.2011 at 12.00 Noon in the Seminar Hall, Department of Political Science, OU, Hyderabad.

2) Guest Lecture on "Public Policy and Democracy in India" on 22.8.2011 at 2.00 P.M. by Dr. Ajay Gudavarthy, Assistant Professor, Centre for Political Studies, Jawaharlal Nehru University, New Delhi.

3) Prof. G. Haragopal, Centre for Human Rights, University of Hyderabad, Hyderabad invited for the panel discussion on "Human Rights" on 31.1.2012 at 10 A.M.

4) Guest Lecture on "India's Foreign Policy: Recent Developments" on 24.11.2011 at 11.00 A.M. by Prof. Santishree D. Pandit, Department of Political Science and Public Administration, University of Pune, Pune.

5) Prof. B.S. Chimni, Centre for International Legal Studies, School of International Studies, JNU, New Delhi has been invited as Visiting Fellow from 26.01.2012 – 31.1.2012 under CAS – UGC. He has delivered the lectures on Imperialism in 21st Century, Globalization and International Law, A Class Approach to International Relations, Third World Approaches to International Law, The Double Life of Human Rights Law, International Institutions and the Emerging Global State and Human Rights in 21st Century.

6) Prof. H. John Sema, Head, Department of Political Science, Nagaland University, Nagaland has been invited from 29th January to 4th February, 2012 under CAS-UGC Programme for the academic year 2011-12.. He has delivered the lectures on Peace and Security in North East, Economic Prospects of North East, Politics of North East, Naga Peace Process – Human Rights in North East, Insurgency in North East, North East in India's Look East Policy, States and Politics in North East, Civil Society and North East Politics and Local Self Governments in North East.

7) Guest Lecture on "Work, Career and Civilization" on 16.2.2012 by John Zerzan, Anti-Civilizational Theoretician, Oregon, US and Gangadin Lohar, Coordinator, anhilaal.com.

8) Prof. R.S. Chauhan, Department of Political Science, Himachal Pradesh University, Shimla, Himachal Pradesh has been invited from 19.2.2012 – 26.2.2012 under CAS-UGC Programme for the academic year 2011-12. He has delivered the lectures on Economic Development of Smaller States, Indo-Pak Relations after Post Mumbai Attacks, Challenges of Secessionism in Jammu Kashmir, Indo-Pakistan Relations in Recent Period, Confidence Building Measures between India and Pakistan, Indian Interests in Central Asia and Politics of Smaller States.

9) Guest Lecture on "Revisiting Lohia's Ideas' on 22.3.2012 in collaboration with Lohia Trust, Hyderabad by Prof. Yogendra Yadav, Director, Lokniti, New Delhi.

10) Guest Lecture on "Publishing Research Articles in International Journals" by Meenakshi Rishi, Professor of Economics, Seattle University, U.S.A. on 8th May, 2012.

11) Guest Lecture on "India's Post Cold War Perspectives," on 3.11.2012 by Prof. P.V. Rao (Retd.), Former Director, Indian Ocean Studies, OU, Hyderabad.

12) Guest Lecture on "Components of Geo-Politics" by Prof. Spike Hamson, University of Utah, Utah on 21st February, 2013 at Dept. of Political Science, OU.

13) Guest Lecture on "Dalits & Constitutional State" by Dr. Dag Erik Berg, Research Scholar, ViB, University of Bergen, Berge on 29.7.2013.

14) Guest Lecture on "Reflections on Hyderabad and Telangana" by Benjamin Cohen, Associate Professor of History, University of Utah, Utah on 7.8.2013.

15) Guest Lecture on **"Lou's Dumont and Max Weber Caste"** by Dr. Dag Erik Berg, Research Scholar, University of Bergen, Bergen on **5.12.2014 under CAS II – UGC Programme.**

16) Guest Lecture on **"Cultural Movements and Dalit Politics in Maharashtra"** by Prof. Ramesh Kamble, Mumbai, University, Mumbai on 2.1.2015. .

17) Guest Lecture on **"Economic Sources of Naxalism in India"** by Dr. Emmanccel Teitelbaum George, Washington University, Washington on **5.1.2015 under CAS II – UGC Programme.**

18) **Interaction with Dr. Felix Pedel, A senior scholar of Tribal Studies on 27.1.2015 under CAS II – UGC Programme.**

19) Guest Lecture on **"What is Real Development? Balancing Ecology – Economy"** by Dr. Felix Padel (Grandson of Charles Darwin), Gujarat on **28.1.2015 under CAS II – UGC Programme.**

20) Guest Lecture on **"Status and Significance of Tribal Studies in India"** by Dr. Felix Padel (Grandson of Charles Darwin), Gujarat on **29.1.2015 under CAS II – UGC Programme.**

21) Guest Lecture on **"Mining and Tribal Culture: A Case Study of Vedanta"** by Dr. Felix Padel (Grandson of Charles Darwin), Gujarat on **30.1.2015 under CAS- II – UGC Programme.**

22) Guest Lecture on **"Role of Masses in a general strike and crisis in Indian Politics"** by Dr. Ranabir Samaddar, Calcutta Research Group, Kolkata on 10.2.2015 **under CAS – UGC Programme.**

23) Guest Lecture on **"Marginal Populations and Migrant Labour History"** by Dr. Ranabir Samaddar, Calcutta Research Group, Kolkata on 12.2.2015 **under CAS II – UGC Programme.**

24) Guest Lecture on **"China under Xi Jinping"** by Elizabeth C. Economy, C.V. Starr Senior Fellow, Diretor for Asia Studies, Council on Foreign Relations, U.S.A. on 12.3.2015.

25) Guest Lecture on **"U.S. Strategy in the Middle East"** by Brian Katulis, Senior Fellow, Centre for American Progress on **23.7.2015.**

26) Guest Lecture on **"Vernacularizing the Past: Writing New Political Histories in Contemporary India"** on 16.10.2015 by Prof. Asha Sarangi, Centre for Political Studies, Jawaharlal Nehru University, New Delhi.

27) Guest Lecture on **"Latest Trends in Electioneering"** by Prof. Jerry Austin, University of Akron, U.S.A. on **30.10.2015.**

28) Guest Lecture on **"International Relations"** by Johan (JoS) Elkint, School of Politics & International Relations, Newman Building, Belfield, Dublinn – 4 on **9.12.2015.**

29) Guest Lecture on **"National Security and Grand Strategy"** by Mark Bucknam, Senior Faculty, National War College, Washington, DC on **9.2.2016.**

30) Guest Lecture on **"Understanding the Climate Regime: Post Paris Cop Update"** by Dr. Timothy Mark Cadman, Key Center for Ethics, Law, Justice and Governance, Griffith University, Australia on **10.3.2016.**

31) Guest Lecture on **"Rethinking Dalit Movement in Contemporary Times"** by Dr. Gopani Chandraiah, Assistant Professor, University of Bangalore, Bangalore on 4.3.2016.

45. List the teaching methods adopted by the faculty for different programmes.

- Power Point Presentation
- Project
- Field Work
- Research Methodology Workshops

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Feedback from Students and Scholars
- Modification of evaluation methods

- Assignments
- Term Papers
- Project Work

47. Highlight the participation of students and faculty in extension activities.

- Faculty extends its expertise to:
  - Print & Electronic media
  - Refresher & Orientation Courses in Academic Staff Colleges across the country;
  - Visiting Faculty in Australia, U S A, & Sri Lankan Universities;
  - raining Programs in Voluntary Sector;
  - Offers Consultancy to Government Agencies;
  - Selection Committee Members- A P Public Service Commission; UPSC;
  - Academic Institution of Armed Forces – College of Air Warfare (CAW) and College of Defense Management (CDM).
- Students are participating in community development works such literacy programmes, awareness, creation on health, resource conservation and water conservation.

48. Give details of "beyond syllabus scholarly activities" of the department.

- Interactive sessions on Social, Economic and Political Issues with general public & through Voluntary Sector;
- Students work with experts from Social Organizations; participate in Voluntary Work and Awareness Programs related to social causes;
- The 2012 International Conference on Disaster Management was an attempt to enhance awareness about Manmade & Natural disasters, rescue, rehabilitation and mitigation strategies. More than 150 Delegates presented papers; National Disaster Relief Force-NDRF; National Disaster Management Authority-NDMA; Local Defense establishments such as College of Air warfare - CAW & college of Defense Management CDM supported the efforts.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

No

UGC has sanctioned ASIHSS, CAS – Phase I and CAS-Phase II by recognizing the work of the Department.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Prof. Kancha Ilaiah's works generated a number of new ideas in different social science disciplines.

- Prof. K. Srinivasulu's research produced new insights in understanding policy making process.
- Prof. P Muthaiah's work on SC-ST Sub-Plan & Madiga Dandora movements enhanced awareness about the S C categorization.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

1. One of the Biggest Departments at All India level.
2. Having specialization in about 4 core areas of Political Science
3. Produced good number of research publications
4. Pluralism in social composition
5. Attracts a good number of students from abroad
6. One of the Biggest Departments at All India level.
7. Having specialization in about 4 core areas of Political Science
8. Produced good number of research publications
9. Pluralism in social composition
10. Attracts a good number of students from abroad

Weaknesses

1. Inadequate Infrastructure
2. Regional issues yet more importance
3. Cohesiveness is missing
4. IT training is inadequate
5. Recruitment is not based on specialization

Opportunities

1. Can bring in more foreign students
2. Syllabus has to be updated frequently
3. More interactions and collaborations are possible with research institutions
4. Can generate more funding with greater autonomy
5. Can offer consultancy at grass roots level organizations

Challenges

1. Changing the syllabus to meet new demands and challenges
2. Meeting the requirement of foreign students
3. Finding out more time for research
4. Working for collaborations

52. Future plans of the department.

- Introduction of Political Psychology as one of the courses at M A program
- Introducing Diploma & Certificate Programs in:
  - Leadership Training Program
  - Multi-disciplinary Wellness courses related to Women;
  - Panchayat Raj & Rural Development with emphasis on capacity building;
- Parallel P G Program in International Studies under Self finance scheme;
- Conduct awareness Programs on Security issues in collaboration with College of Defense Management (CDM) - Consequent to the recent (2014) Memorandum of Understanding between OSMANIA UNIVERSITY & CDM

Department of Psychology

1. Name of the Department : Psychology

2. Year of establishment : 1962

3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Social Sciences

4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

   M.A. in Psychology (Regular & Distance)

   Ph.D in Psychology (Regular)

5. Interdisciplinary courses and departments involved

   Department of Psychology is offering the following courses to other disciplines under Pool 1 of CBCS w.e.f 2010:

   - Understanding Basic Psychological Processes – Semester III (2010-11)
   - Applied Psychology for Health – Semester – IV (2010-11)
   - Environmental Psychology - Semester – III (2011-12 – till date)
   - Positive Psychology – Semester – IV (2011-12- till date)

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   The following courses are affiliated to the University, through department of Psychology, Central Institute (NIMH) and private institutes(Thakur Hari Prasad Institute for mentally challenged & Sweekaar Academy of Rehabilitation Sciences)

   - PG Diploma in Rehabilitation Psychology
   - PG Diploma in Early Intervention
   - M.Phil in Rehabilitation Psychology
   - M.Phil in Clinical Psychology

7. Details of programmes / courses discontinued, if any, with reasons : Nil

8. Annual/ Semester/Choice Based Credit System:

   Semester with Choice Based Credit System

9. Participation of the department in the courses offered by other departments:

   - All the Social Sciences Departments for electives
   - Forensic Science Department
   - Law College
   - College of Commerce and Business Management

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Designation	Sanctioned	Filled
Professor	06	-
Associate Professor	03	-
Asst. Professor	02	02

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./ D.Litt./ Ph.D./M.Phil, etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Dr. P. Swathi	M.A., Ph.D.	Assistant Professor	Counselling Psychology	10	-
Dr. A. Anupama	M.A., Ph.D.	Assistant Professor	Counselling Psychology	10	-

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors: Nil

13. Percentage of classes taken by temporary faculty – programme-wise information:

20% Regular faculty and 80% temporary faculty.

14. Programme-wise Student Teacher Ratio:

MA - 1:40

M.Phil - 1:10

Ph.D - 1:5

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

S.No.	Sanctioned	Filled
1.	One Technical Assistant	-
2.	One Lab Assistant	01
3.	Two Lab Attendants	-
4.	One Multitask Assistant	-
5.	One Office Subordinate	01

16. Research thrust areas recognized by funding agencies:

Cognitive Psychology- ISRO

Counselling – HIV Counselling at GFATM (Global Fund to fight AIDS, Tuberculosis and Malaria)

Child Psychology – SEDSU Project funded by European Union

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

Prof. Beena Chintalapuri (Three)

Name of the Programe	Name of the agency	Fund Received in Rs.	Duration
SAKSHAM–OU– Funded by GFATM: Global Fund to fight AIDS, T.B. and Malaria (Round – 7) HIV/AIDS counseling Programe. **(GFATM)**	Global Fund (International)	Rs. 75,62,112/-	2009 – 2015
Head ASIHSS	UGC	Rs. 48,25,000/	206-11
Analysis of Positioning errors in GPS ground control surveys from cognitive Psychology perspective – An intervention to reduce such errors and improve accuracy	ISRO	Rs. 6,55,000/-	2011 – 2013

18. Inter-institutional collaborative projects and grants received Nil

a) All India collaboration Nil

b) International

GFATM : Global Fund (Round – 7), received total grant of Rs. 1, 66, 57, 355 (2009-13)

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

Name of the Programe	Name of the agency	Amount	Duration
ASIHSS	UGC	Rs.48,25,000/-	2006 - 2011

20. Research facility / centre with:

- state recognition --
- national recognition : Cognitive Lab, Error Analysis Lab, Counsellor Training & Skills Lab
- International recognition - 2

21. Special research laboratories sponsored by / created by industry or corporate

bodies

Nil

22. Publications:

* Number of papers published in peer reviewed journals (national / international)

  National : 35+6

* Monographs
* Chapters in Books:
  - Editor and Authors for BA (English and Telugu medium) and MA Course Material of "Distance Education", Osmania University
  - Editor and Authors for BA (English and Telugu medium) and MA Course Material of Dr. B.R. Ambedkar Open University
  - Editor and Authors for BA (English and Telugu medium) and MA Course Material of Indira Gandhi National Open University.
* Edited Books
  - Invitation to Social Psychology- under printing
* Books with ISBN with details of publishers
  - Invitation to Psychology ISBN 81-86804-44-7 (NeelkamalPublications Pvt. Ltd. - Hyderabad)
* Number listed in International Database (For *e.g*. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) --
* Citation Index – range / average 2
* SNIP --
* SJR --
* Impact Factor – range / average --
* h-index --

23. Details of patents and income generated --

24. Areas of consultancy and income generated --

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad

- National – ISRO and DRDO

26. Faculty serving in

a) National committees

- Prof. C. Beena - Honorary Director – Indian Council for Social Science Research – Southern Regional Centre
- Prof.C.Beena- AP High Court nominated Member for Suicide prevention on

Campus.

- ICSSR, New Delhi- Fellowship Evaluation and Selection committee.

b) International committees

Global Fund – Core team of SAKSHAM Research and Quality Assurance

c) Editorial Boards Nil

d) any other (please specify):

- Faculty is involved as Resource Person to Academic Staff Colleges. They are involved in training, writing articles, developing study material, conducting workshops, seminars etc.
  - Outreach programmes on developmental assessment
  - 12 lecture series programmes for Jail wanderer's at Chanchalguda Jail
  - Street plays on HIV/AIDS awareness

27. Faculty recharging strategies:

Faculty is involved as resource Person to Academic Staff Colleges. They are involved in training, writing articles, study material, conducting workshops, seminars etc.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: Nil
- percentage of students doing projects in collaboration with other universities / industry / institute: Nil

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows: Nil
- Students:

Prof. E. G. Parameshwaran Award to-

- Ms.Shatabdi Das, Ms. Keerthi Krishnan, Ms. Neha Saboo, Ms.Deepika, Ms.Reshma Banu, Ms.L. UshaBharghavi, Ms. Johanna Mandy

Dr. T. Narayan Rao Award to-

- Ms.Shatabdi Das, Mr. Kumara Swamy

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Name of the Seminar	Date	No. of Participants		Source of Funding
		OU	Other Institutions	
Psychological	11-10-	60	40	Principal, Arts

Wellbeing	2012			College, O.U
Experimental Psychology & Psychological Testing	23rd&24th August, 2013	50	30	Principal, Arts College, O.U
RORSCHACH A Projective Test	13-11-2013	50	-	Department of Psychology, O.U.
Challenges of Contemporary Life-Role of Positive Psychology	22nd to 24th January, 2015	50	30	UGC, Principal, Arts College, O.U and A.V. College.

31. Code of ethics for research followed by the departments :

As per UGC guidelines

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MA Psychology 2011 - 2012	-	23	14	95	95
2012 - 2013		24	15	95	95
2013 - 2014		26	14	96	97
2014 - 2015		25	18	100	100
2015 - 2016		26	16	100	100
Ph.D	-	15	16		

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MA Psychology	77	--	3	20
Ph.D	100			

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- NET- 3
- SET- 6
- State services – 1
- Nationalized banks – 2
- Police department – 1
- Lecturer - 1

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	3 Students employed other than campus selection in different colleges in Hyderabad
Entrepreneurs	--

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	90
from other universities within the State	-
from universities from other States	10
from universities outside the country	-

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period : Nil

38. Present details of infrastructural facilities with regard to

a)	Library	:	One
b)	Internet facilities for staff and students	:	Yes
c)	Total number of class rooms	:	Two
d)	Class rooms with ICT facility	:	-
e)	Students' laboratories	:	Two
f)	Research laboratories	:	One (ISRO Error Analysis Lab)

39. List of doctoral, post-doctoral students and Research Associates

a) From the host university

18 students are working for doctoral degree.

b) From other universities ---

40. Number of post graduate students getting financial assistance from the university.

About 80 % of PG students are getting scholarships from the State Government.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. --

42. Does the department obtain feedback from:

Yes, the feedback is obtained from teachers from other colleges, students and Alumni members

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

By conducting orientation programmes and meetings with the teachers to provide better and sound academic and administrative facilities.

43. List the distinguished alumni of the department (maximum 10) --

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

S.No	Place	Name of the Institution Visited
1	Banjara Hills, Hyderabad	Asha Hospital
2	Rajendra Nagar, Hyderabad	National Institute for Rural Development Technological Park.
3	Vellore, Tamil Nadu	Christian Counseling Centre.
4	Manovikas Nagar, Secunderabad	NIMH
5	Gachibowli, Hyderabad	HCU
6	Panjagutta, Hyderabad	NIMS
7	Taranaka, Hyderabad	NIN
8	Erragadda, Hyderabad	IMH

45. List the teaching methods adopted by the faculty for different programmes.

Mostly board and pen. Also through overhead and LCD projector, power point presentations.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Through conducting regular staff meetings.
- Interacting with the students and taking suggestions from them.
- Organizing special guest lectures

47. Highlight the participation of students and faculty in extension activities.

- In the Psychological testing in campus, conducting workshops, outreach programmes. The students have not only participated in such activities, but they gain more knowledge about application of Psychological concepts in the real world.
- Dr. P. Veeraja Rao has conducted community service by participating and giving talk shows, group discussions through media on channels as 10 TV on "Vedika" for a special programme "Manavi" on topics:
  - Education without character on 30th May 2013
  - Understanding Adolescents on 30th May 2013
  - Problems faced by single woman and reasons for a single woman to be self-dependenton 17th October 2013
  - Causes and consequences of late marriages on 12th November 2013
  - Sexual assaults and impact on women on 12th December 2013

48. Give details of "beyond syllabus scholarly activities" of the department.

Outreach programmes

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Not just Department of faculty but overall University is accredited by NAAC as 'A' grade.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The main aim of the subject of Psychology is to develop professional Psychologists with the sound subject knowledge to deal with preliminary problems of adjustment, relationships and career planning for the students from various educational institutions, industries, sports fields etc. The genitive information about the concepts involved in psychology and its applied fields.

By starting PG Diploma courses in the fields of Child Psychology and Psychological Counseling, the basic awareness and handling of minor and major psychological problems of the children, students and adults would be handled and the students are trained to do this. Through awareness campus exhibitions workshops for teachers and parents the general public is made aware of many psychological factors of life.

- Set up of HIV Counsellor Training centre at OUCIP to train counsellors of AP working in the field of HIV under NACO (National AIDS control Organization)

- Developed 15 master trainers and 63 supervisors in the area of HIV
- Established Counselling Centre at OU campus "Sahayam" to help students and teachers and also train them in helping skills.
- A counseling centre at Nizam College was set up to extend services to students and general public.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

Staff with subject expertise and communication skills.

Weaknesses:

State Government restrictions on appointment so staff crunch affecting the department from getting UGC grants.

Opportunities:

Opportunities are plenty is all spheres of life, organization, environment related issues health counseling, education career guidance and many others fields.

Challenges:

Language and communication skills development of Psychological skills of confidence, self esteem of students.

52. Future plans of the department:

- To consolidate the efforts of workshops, seminars in the area of counselling.
- To conduct conference on "Mental Health" relating to specific work settings.
- To strengthen Sahayam counselling centre, extend services to students with regard to improving their psychological competencies
- To conduct conference on "HIV/AIDS Counselling"

Department of Public Administration

1. Name of the Department : Public Administration
2. Year of establishment : 1956
3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Social Sciences
4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   M.A. in Public Administration

   Ph.D. in Public Administration
5. Interdisciplinary courses and departments involved

   E-Governance: Political Science and Sociology

   Indian Constitution & Administration:Political Science and Sociology
6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   Nil
7. Details of programmes / courses discontinued, if any, with reasons

   Nil
8. Annual/ Semester/Choice Based Credit System

   Semester, with CBCS
9. Participation of the department in the courses offered by other departments

   Yes, within faculty of Social Sciences
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Designation	Sanctioned	Filled
Professor	2	4
Associate Professor	9	1
Assistant Professor	5	--

11. Faculty profile with name, qualification, designation and specialization (D.Sc. /D.Litt. / Ph.D. /M.Phil., etc.)

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Dr. C. Aruna Jyothi	M.A., M.Phil, Ph.D	Associate Professor& Head	Administrative Theory, Personnel Administration.	19	1
Dr. Ravinder Kaur	M.A., M.Phil, Ph.D	Professor& Chairperson, BOS	Human Development and Governance, Comparative Public Administration	26	4
Dr. Y.Pardhasaradhi	M.A., M.Phil, Ph.D	Professor& Director RCUE, O.U.	E-Governance & Administrative Theory	27	7
Dr. R.Limbadri	M.A., M.Phil, Ph.D	Professor	Rural Governance & Industrial Relations	17	5
Dr. D.Lalith Kumar	M.A., M.Phil, Ph.D	Professor	Police Administration & Indian Administration	27	3

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors

1. Prof. Manas Chakravarthy
2. Prof. Prabhat Kumar Datta
3. Prof. E.Vayunandan
4. Prof. Gyana Prakasham
5. Prof. Zhao Shurong, China
6. Prof. Don Menzel, USA
7. Dr. Sri Laxmi Shanmugan

13. Percentage of classes taken by temporary faculty – programme-wise information

25

14. Programme-wise Student Teacher Ratio:

PG – 1:20

Ph.D. – 1:8

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Administrative Staff -2

16. Research thrust areas recognized by funding agencies

Digital Governance

Decentralized Governance

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

- E-Governance – Institutional Capacities Challenges and Opportunities Department of Science & Technology (DST) GOI sponsored Project Rs. 35 Lakhs. Duration – 2 years – Report submitted in Feb. 2012 (Prof. Y. Pardhasaradhi, Principal Investigator and Prof. Ravinder Kaur, Co-investigator).
- Community Forest Right Act & Phase Act, ICSSR sponsored project, Rs. 7.00 Lakhs, two years, report submitted in April 2014.

18. Inter-institutional collaborative projects and grants received

a) All India collaboration

Nil

b) International

ASPA, USA, UESTC, China for International Conference on Public Administration (ICPA) 2012

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

DRS, SAP – I, Rs. 33.00 Lakhs 2009-14. Grant received from UGC excluding the actual for 2 Project Fellows.

20. Research facility / centre with

- state recognition: Nil
- national recognition: Nil
- international recognition: Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

* Number of papers published in peer reviewed journals (national / international)

  National = 15

  International = 07

* Monographs
* Chapters in Books 12
* Edited Books 08

  1. Books with ISBN with details of publishers E. Governance Indian Society Kanishka Publishers - 2009 – ISBN – 978-81-8457-108-0
  2. Administrative Thinkers (Ed) Sterling Publishers – 2010 – ISBN – 978-81-207-5414-0

* Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) --
* Citation Index – range / average --
* SNIP --
* SJR --
* Impact Factor – range / average --
* h-index --

23. Details of patents and income generated --

24. Areas of consultancy and income generated --

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad

Prof. Y.Pardhasaradhi, UESTC, Chengdu, China

26. Faculty serving in

a) National committees

1) Prof. Y.Pardhasaradhi, IPAA Secretary.

2) Prof. Raviendar Kaur, Executive Council, Member.

b) International committees

Prof. Y.Pardhasaradhi

c) Editorial Boards

Prof. Y.Pardhasaradhi, 05

d) any other (please specify)

27. Faculty recharging strategies --

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects

3 Students in house Project 2012 – 2013

2 Students in house Project 2013 – 2014

3 Students in house Project 2014-2015

3 Students in house Project 2015-2016

- percentage of students doing projects in collaboration with other universities / industry / institute --

29. Awards / recognitions received at the national and international level by

- Faculty

1. Prof. Y.Pardhasaradhi –

a) Appointed Adjunct Professor UESTC, Chengdu China – 2011-till date

b) 'The State of E-Governance in India: A Cross Country Study, Proceedingsof 9th International Conference on Public Administration, Cape Town,South Africa, October 31-November 2, 2013, Vol.1, pp.181-188. (ISBN 978-7- 5647-1920-3), *Best Paper Award*.

2. Prof. Ravinder Kaur -

a) T.N. Chaturvadi award for best article in Indian Journal of Public Administration – Oct. 2009

b) Women Achiever Award – March 2011

3. Prof. R.Limbadri – 2nd prize for Best Case study, Indian Institute of Public Admn. Delhi- Oct. 2012

- Doctoral / post-doctoral fellows --
- Students: --

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

1. Brain Storming Session (BSS-I): E-Governance – Institutional Capacities & Performances" on March 20th 2011; Sponsored by – (DST; GOI)
2. Brain Storming Session (BSS-II): E-Governance – institutional Capacities & Performances" on Dec. 23rd 2011; Sponsored by – (DST; GOI)
3. National Work-Shop on "Recent Advancements in the Discipline of Public Administration" – by UGC on 19th Aug. 2011
4. National Seminar on Refurbishing and Reinvigorating the Study of Public Admn. : Issues, Challenges and Opportunities (II Edition) – DRS-SAP-I and ICSSR-SRC, Hyd. on 24-25 March 2012.
5. International Conference in Public Administration (ICPA)- -2012 – funding from:Dept. of Pub. Admn, OU /UGC/ ICSSR/ UESTC china/ASPA-American Society of Public of Administration

31. Code of ethics for research followed by the departments: Yes

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
Ph. D. 2009-2010		16	02	04	01
2010-2011		03	03	05	02
2011-2012		34	16	04	01
2012-2013		24	12	03	02

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A. 2008-2009		31	15		
2009-2010		36	12		
2010-2011		33	15		
2011-2012		34	14		
2012-2013		29	14		
2013-2014		32	13		
2014-2015		30+2	13		

33. Diversity of students

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Ph. D	100			
M. A.	85	10		5

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET: 10 General - PHC -

35. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	8
M. Phil. To Ph. D.	--
Ph.D. to Post-Doctoral	0.05
Employed • Campus selection • Other than campus recruitment	 -- 10
Entrepreneurs	--

Note: 2014-15, 2015-16 No Admission in Ph.D. Programme.

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	100
from other universities within the State	--
from universities from other States	--
from universities outside the country	--

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period

One Ph.D.

38. Present details of infrastructural facilities with regard to

a) Library : Yes
b) Internet facilities for staff and students : Yes
c) Total number of class rooms : Two
d) Class rooms with ICT facility : One
e) Students' laboratories : --
f) Research laboratories : --

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university
b) from other universities

Post Doctoral

1. Dr. M.Manohar, UGC
2. Dr. B.Ramalingam, ICSSR
3. Dr. Rajamouli, ICSSR
4. Dr. N. Narasimha Rao, ICSSR
5. Dr. Jangaiah, ICSSR
6. Dr. K. Thirupathi, UGC
7. Dr.K.Suresh Kumar, ICSSR
8. Dr. Guguloth Srinu, UGC

Doctoral Fellowship

1. Mr. Matangi Narsaiah, ICSSR
2. Mr. Haneef, State Minority
3. P. Rajender Kumar Naik, SRF
4. Neha Agarwal, SRF
5. Prashanthi, SRF
6. Ramesh Gaddam, JRF
7. M.Rajender, ICSSR
8. Shaganit Ramulu, ICSSR
9. E. Venkatesh, ICSSR
10. Garishakurthi Ramesh, ICSSR
11. Gummadi Naresh, ICSSR

40. Number of post graduate students getting financial assistance from the university.

--

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

--

42. Does the department obtain feedback from

a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

--

b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, Department Obtain feedback from the students and as for as possible their to develop the course.

c) alumni and employers on the programmes offered and how does the department utilize the feedback?

--

43. List the distinguished alumni of the department (maximum 10)

1. Sri Sudhakar Rao – Former Minister of Govt. of A.P.
2. Prof. Muttalib – Founder Director of RCUES
3. Prof. G.Ram Reddy – Former Chairman, UGC
4. Prof. V.S. Prasad – Former Director, NAAC
5. Prof. Y. Saraswathy Rao – Former Vice-Chancellor of S.K.D.Univ.
6. Prof. D.Ramchandram – Former Vice-Chancellor, BRA Open Univ.
7. Prof. D.Ravindra Prasad – Capacity Builder, DFID, U.K.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Special Lectures Organised.

Seminars

45. List the teaching methods adopted by the faculty for different programmes.

Lecture

Power point presentation

Seminar

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Seminars, Internal Assessments

47. Highlight the participation of students and faculty in extension activities.

--

48. Give details of "beyond syllabus scholarly activities" of the department.

--

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

E-Governance, Digital Governance

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

1. Research contributions of the faculty in terms of Major & Minor Research Project
2. Publishing research papers in International, National & State levels Journals
3. Hosting International Conference (ICPA - 2012)

4. Participation of Faculty members in International & National Conferences/ Seminar and presentation of Papers
4. Faculty invited as observers for the VIII Meeting of U.N. Committee of experts in Public Administration at New York

Weaknesses

1. Lack of staff (Permanent)
2. Existing vacancies are not filled
3. Shortage of accommodation for class rooms

52. Future plans of the department.

Updating the Syllabus, starting new courses, such as MA in Governance, Ph.D. Programme for serving Bureaucrats.

Department of Sociology

1. Name of the Department : Sociology

2. Year of establishment : 1928

3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Social Sciences

4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   M.A. in Sociology

   Ph.D. in Sociology

5. Interdisciplinary courses and departments involved.

   --

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   --

7. Details of programmes / courses discontinued, if any, with reasons

   Nil

8. Annual/ Semester/Choice Based Credit System

   Semester, with CBCS

9. Participation of the department in the courses offered by other departments

   --

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Designation	Sanctioned	Filled
Professor	3	01
Associate Professor	4	--
Asst. Professor	6	2

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./ D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 5 years
Prof.C.Ganesh	M.A.,M.Phil., Ph.D.	Professor	Rural Sociology and Rural Development, Human Resource Development.	25	10
Dr. P. Vishnu Dev	M.A.,Ph.D.	Assistant Professor	Sociology of Development	16	--
Dr. Ramaiah Bheenaveni	M.A.,M.Phil., Ph.D.	Assistant Professor	Social Theory and Postmodernism, Social Statistics and SPSS	5	--

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors

    Prof.K.NarismhaReddy, Emeritus Professor

    Prof.G. Satyanaryana, Emeritus Professor

13. Percentage of classes taken by temporary faculty – programme-wise information

    50%

14. Programme-wise Student Teacher Ratio: 30:1 Ratio

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled 1

16. Research thrust areas recognized by funding agencies

    Rural, Urban and Tribal Development

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

    National: National Thermal Power Corporation (NTPC) Project
    Funding Agency: NTPC

    Amount: 8Lakhs

18. Inter-institutional collaborative projects and grants received : Nil

    a) All India collaboration

    b) International

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

UGC-SAP (DSA-I) Rs. 37.00 Lakhs (2008-2013)

UGC-SAP (DSA-II) (2013-2018) Rs. 52.00 Lakhs

20. Research facility / centre with : Nil

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

* Number of papers published in peer reviewed journals (national / international)	**26**
* Monographs	--
* Chapters in Books	**02**
* Edited Books	--
* Books with ISBN with details of publishers	**06**
* Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	Nil
* Citation Index – range / average	--
* SNIP	--
* SJR	--
* Impact Factor – range / average	--
* h-index	--

PROF. C. GANESH

1. "Rural Development through Panchayat Raj Institutions: Challenges Ahead" in the seminar proceedings of a National Seminar organized by Department of Sociology, SRT Nagpur University, Nagpur.
2. 'Female Foeticide in India: A Retrospective Analysis, In: Female Foeticide' in India: A Moving Trend, eds: B.H. Swain and others, DK Agencies Pvt Ltd, Nagpur, ISBN: 978-81-7192-090-7.

Books Published:

Prof. C. Ganesh (2016): Indian Society: Structure, Issues and Policies, S.S.G.P. Publications, Hyderabad.

DR. P. VISHNU DEV

1. "Telangana Diaspora and Telangana Movement" in Third Concept – An International Journal of Ideas, Vol. 28, No. 325, March, 2014, ISSN 0970-7247
2. "Technology and Social Transformation" in Kakatiya University of Journal of Social Sciences, Vol.09, No.01, January-June, 2013, ISSN: 2277-8144
3. "Sustainable Development in Development Discourse" in Kakatiya University of Journal of Social Sciences, Vol.10, No.02, July-December, 2013, ISSN: 2277-8144
4. "Public Policy, Regionalism and Telangana Movement" in Third Concept – An International Journal of Ideas, Vol. 27, No. 319, September, 2013, ISSN 0970-7247
5. "Moral Philosophy and Ethics – A Theoretical Review" in Osmania University Journal of Social Sciences (OJSS), Vol. XI, No. 01, January- June, 2011. ISSN: 0970-0269
6. "Community Networking and Empowerment – A Case of Akshaya in Kerala" in Osmania University Journal of Social Sciences (OJSS), Vol. XI, No. 02, July-December, 2011. ISSN: 0970-0269.

Books Published:

Dr. P. Vishnu Dev (2016): "Foragers: The Chenchus" , Notion International Publishers, Washington, US. ISBN: 97-8817-511-091-5

Dr. P. Vishnu Dev (2016): "The Making of Osmania University", Anukush Publications, Hyderabad

DR. RAMAIAH BHEENAVENI:

1. "Upper Caste Ethics, Spirit of Regionalism and End of Ideology", Osmania Journal of Social Sciences. Vol. XI. No.1, 2011. ISSN: 0970-0269
2. "Demography of Karimnagar District – Retrospective Analysis", Osmania Journal of Social Sciences. Vol. XI, No.2, 2011. ISSN: 0970-0269
3. "A Village through Sociological Lens", in Ethiopian Journal of Asian Studies, Vol. 1, No. 1, June – September, 2011, ISSN: 2224-4735
4. "Healthcare: Tradition Vs Modernity – A Case of Fish Medicine for Asthama in Hyderabad", in ECONSPEAK, Vol-2, Issue-1 (January, 2012), ISSN No. 2231-4571.
5. "Human Settlement under Sripada-Yellampalli Project and Sustainable Development Strategy", in International Journal of Research in Commerce, Economics and Management, Vol-2, Issue-3 (March), 2012. ISSN No. 2231-4245.
6. 'Exploring the Health of Rural Women: A Study of Indigenous Health Beliefs and Practices', in the Indian Journal of Social Sciences Research (IJSSR), January – March, 2012. ISSN: 2277-2227.
7. 'Application of One-Way ANOVA in Social Research', in the book entitled 'Econometric Applications for Managers' (2012) edited by R. K. Mishra et al and Published by Institute of Public Enterprise (IPE), Hyderabad, ISBN No. 978-81-8424-763-3.
8. 'Attitudes of Youth towards Marital Roles in Family: Static and Dynamic', in Global Research Journal, April-June, Vol (1), Issue (1), 2012. ISSN No. 2278-1536.
9. 'Traffic and Transportation – Scenario, Problems and Prospects' in Ethiopian Journal of Asian Studies, Vol (2), Issue – 2, October to December, 2012, ISSN: 2224-4735.
10. 'Economic Assessment of Transportation Projects – A Retrospective Analysis'. International Journal of Business Economics and Management Research (IJBEMR), March 2013, ISSN No. 2229-4848.
11. 'Rural Health – A Health PRA/PLA Perspective'. Asian Journal of Multidisciplinary Studies. Vol. 2 (8), ISSN: 2321-8819.
12. 'Health indicators, Programmes and Administration – A Case Study of Karimnagar District in Andhra Pradesh'. Government Quarterly – A Journal of the All India Institute of Local-Self Governance, Vol. LXXXIV, No.4, October-December, 2014. ISSN: 0024-5623
13. 'Attitudes of Students towards Alcohol: A Study of Post-Graduate Students of Osmania University, Hyderabad, India'. International Journal of Current Life Sciences, Vol.4 (12), 2014. ISSN: 2249-1465.
14. "Participatory Rural Appraisal (PRA): An Analysis of Field Experience in Revanpalli Village of Telangana State" in International Journal of Advances in Social Sciences and Humanities, Vol.03, No. 12, December, 2015, ISSN: 2347-7474.

15. "Rohith Vemula: From Shadows to the Stars" in Mainstream, Vol. LIV, No. 6, January 30, 2016, RNI No.7064/62
16. "Renegade Hinduism Scholar Featured In Norton's Anthology of World Religions" in The Journal for Cultural and Religious Theory, April, 2016. . e-ISSN: 1530-5228
17. "Sociology of Special Education: Teacher's Support and Student's Performance" in Academia Journal of Educational Research, Vol. 4, No.07, July, 2016. ISSN: 2315-7704.
18. "Indigenous Healthcare: Determinants and Practices" in IOSR Journal of Humanities and Social Science (IOSR-JHSS), Vol.21, No.8, August, 2016. e-ISSN: 2279-0837.

Chapters in Books:

Dr. Ramaiah Bheenaveni (2013). Female Foeticide in India: A Retrospective Analysis, In: Female Foeticide in India: A Moving Trend, eds: B.H. Swain and others, DK Agencies Pvt Ltd, Nagpur, ISBN: 978-81-7192-090-7.

Books Published:

Dr. Ramaiah Bheenaveni (2011). Urban Management in India, Lulu Publishers, Releigh, North Corolina, USA, ISBN: 978-1-105-01415-4.

Dr. Ramaiah Bheenaveni (2012). Right to Information Act: Awareness and Interventions, CreateSpace Publications, Seattle, Washington, USA, ISBN: 978-1-468-08964-6.

Dr. Ramaiah Bheenaveni (2015). Indigenous Medicinal Practices in Telangana State: A Study of Karimnagar District, Scholar's Press, ISBN: 978-3-639-51552-7

23. Details of patents and income generated. --
24. Areas of consultancy and income generated. Nil
25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad.

    Nil

26. Faculty serving in:

    a) National committees

    b) International committees

    c) Editorial Boards

Prof. C. Ganesh

1. Associate Editor, Osmania Journal of Social Sciences (OJSS), Osmania University, Hyderabad.

2. Associate Editor, The Sociologist, Andhra Pradesh Sociological Association, Hyderabad

Dr. Ramaiah Bheenaveni

1. Editorial Board Member, Ethiopian Journal of Asian Studies, ISSN: 2224-4735.
2. Reviewer, for Project Muse (http:/muse.jhu/edu) – A Consortium of e-Journals
3. Assistant Editor, Shodhana – Bi-Annual Journal of Social Science, ICSSR, Southern Region, Hyderabad.
4. Editorial Board Member, International Research Journal of India, ISSN: 2454-8707

d) any other (please specify)

27. Faculty recharging strategies.

Participation in conferences, attending training courses

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects
  40 students of M.A. (Final) Year – 100%
- percentage of students doing projects in collaboration with other universities / industry / institute Nil

29. Awards / recognitions received at the national and international level by:

- Faculty
  Dr. Ramaiah Bheenaveni, has been chosen for UGC-Research Award from University Grants Commission (UGC), New Delhi for the research project entitled "Other Backward Classes: Identity, Exclusion and Marginalization

  Dr. P. Vishnu Dev, has been chosen for Indo-China Research Award for 2015-16

  Dr. P. Vishnu Dev has been recognized as "Visiting Professor" at University of Tubingen, Germany to teach Post-Graduate Students for International Course of Summer Semester, 2014 and course entitled "The Tribal World and Political System in India: Some Projections".

  Dr. P. Vshnu Dev has been recognized as "Visiting Professor" at University of Tubingen, Germany to teach Post-Graduate Students for International Course of Summer Semester, 2016 and course entitled "The Tribal World and Political System in India: Some Projections".

  Dr. P. Vshnu Dev has been invited to deliver talks on "Communitarian Living among Tribals in India: The Chenchus" at University of Tubingen, Germany.

  Dr. P. Vshnu Dev has been invited to deliver talks on "The Collective Living among Tribes: Myth or Reality" at University of Zurish, Switzerland.

- Doctoral / post doctoral fellows Nil
- Students Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Five (UGC, New Delhi; ICSSR New Delhi)

1. "Crisis of Development and People's Movements in India: A Debate on the Coping Mechanism for Balanced Development" on 25th& 26th August, 2011.
2. "Science and Technology, Society and Development: A Discourse", on 28th and 29th March, 2012.

31. Code of ethics for research followed by the departments --

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	**Applications received**	**Selected**		**Pass percentage**	
		Male	**Female**	**Male**	**Female**
Ph. D.	150	67	33	22	06
M. A.	1500	172	75	138	50

33. Diversity of students

Name of the Course (refer to question no. 4)	**% of students from the same university**	**% of students from other universities within the State**	**% of students from universities outside the State**	**% of students from other countries**
M.A. Sociology (Previous)	60	20	Nil	20
M.A. Sociology (Final)	60	20	Nil	20

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET : 20

Civil Services : --

35. Student progression

Student progression	**Percentage against enrolled**
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	10
M. Phil. to Ph. D.	--
Ph.D. to Post-Doctoral	04
Employed	

Student progression	Percentage against enrolled
• Campus selection • Other than campus recruitment	10
Entrepreneurs	--

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	90%
from other universities within the State	10%
from universities from other States	--
from universities outside the country	--

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

One

38. Present details of infrastructural facilities with regard to

a) Library : Yes
b) Internet facilities for staff and students : Yes
c) Total number of class rooms : Two
d) Class rooms with ICT facility : One
e) Students' laboratories : One
f) Research laboratories : One

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university :
1. Dr. B.Y. Mamatha
2. Dr. Jyothi
3. Thota Venkatesham
b) from other universities :

40. Number of post graduate students getting financial assistance from the university.

90

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

No new programmes introduced

42. Does the department obtain feedback from:

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, Revised Syllabus

b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Used for the effective teaching& revision of syllabi / On the basis of feedback syllabi has been revised.

c) alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes

43. List the distinguished alumni of the department (maximum 10)

1. Dr. DurgaPrasad,Director,NIRD, Hyderabad
2. Dr. SaiBaba,Professor, NIFW, Hyderabad.
3. Mr. Sunil Kumar IPS, IG (Police), Govt. of A.P.
4. Mr.Subramanyam,IRS–Asst. commissioner (Income Tax), Govt. of India
5. Mr.Srinivas,IRS–Asst. Commissioner (Income Tax), Govt. of India
6. Ms.NeeraMalhotra,IRS–Deputy Commissioner (Income Tax), Govt. of India
7. Dr.Suman Chandra, Joint Director, NIRD, Hyderabad.
8. Prof. Ghanta Chakrapani, Chairman, Telangana State Public Service Commission, Government of Telangana.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Organizing Extension Lectures and Workshops, Seminars.

Date	Name of the Professor / Guest Speaker	Topic
17th to 29th January, 2011	Dr. A. Kennedy Managing Director Apollo Hospitals Jubilee Hills, Hyderabad	1. Lectures on Sociology of Health - Concept of Health - Public Health in India - Nutrition and Health - Health Care Services and Health Systems in India - Corporate Hospitals and Health Services
1st to 8th February, 2011	Ms. Rekha Programme Officer Akshara Gurukulam, Hyderabad	1. Lecturers on Participatory Rural Appraisal (PRA) - PRA Methods - Application of PRA - Role of NGOs in PRA - Qualitative Research - Proposal Writing and Report Writing
9th to 15th February, 2011	Mr. V. Muralidhar Director, Akshara Network for Development Support Services (NGO) Hyderabad	1. Lectures on Research Methods & Field Work Techniques - Techniques of Data Collection - Fieldwork Methods - Report Writing and Presentation
16th to 22nd February,	Prof. S. Bhaskar Department of Sociology	1. Lectures on Social Statistics: - Importance of Statistics in Social

Date	Name of the Professor / Guest Speaker	Topic
2011	S.V. University, Tirupati (AP)	Research - Measures of Central Tendency - Coefficient of Correlation - Chi-Square
1st to 8th March, 2011	Dr. P. Shivaram Deputy Director (HRD) National Institute of Rural Development Rajendranagar, Hyderabad (AP)	1. Lectures on Rural Development: - Rural Development Programmes - Quantitative Research Methods related to Rural Development
14th to 19th March, 2011	Prof. M. Hanumantha Rao, Professor, Department of Sociology S.V. University, Tirupati (AP)	Lectures on 1. Contemporary Sociological Theories 2. Tolcott Parsons' Social System 3. Social Exchange Theory 4. Ethnomethodology 5.
23rd to 31st January, 2012	Prof. M. Hanmath Rao Department of Sociology, SVU, Tirupati.	Lectures on Contemporary Sociological Theories
3rd to 11th February, 2012	Prof. S. Bhaskar Department of Sociology, SVU, Tirupati.	Lectures on Social Movements in India
13th to 18 February, 2012	Prof. Ch. Uma Mohan Department of Sociology, SKU, Anantapur	Lectures on Sociology of Health
20th to 25th February, 2012	Prof. Amarnath Das Department of Sociology, SKU, Anantapur	Lectures on Sociology of Development
5th to 15th March, 2012	Sri. V. Muralidhar Director, Akshara Network for Development Support Services (NGO), Hyderabad.	Lectures on 1. PRA Techniques 2. Proposal Writing 3. Report Writing
16th to 26th March, 2012	Mrs. Rekha Programme Manager Akshara Gurukulam, Hyderabad	Lectures on Civil Society, NGOs and Development

45. List the teaching methods adopted by the faculty for different programmes.

    1. Using Power Point Presentations & Group Discussions.
    2. Organizing Field Work Programmes.
    3. Class Room Seminars.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

    Internal Evaluation has been done collectively by the Faculty Members.

47. Highlight the participation of students and faculty in extension activities.

Field work programmes: Participated in the village Studies and Extension activities in the villages.

Year	Name of the Village
2015	Revanpally, Nalgonda District
2015	Gangadevi Pally, Warangal District
2014	Muktapur, Nalgonda District
2012	Pochampalli, Nalgonda District

48. Give details of "beyond syllabus scholarly activities" of the department.

1. Organization of Intellectual debates & discussions.
2. Extension & Field Work Programmes
3. Mentoring

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. --

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Department is recognized in the field of Development and Change throughout the Country.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Field work Programmes.
2. Outreach Activities.
3. Research in the field of Development & Change.
4. Effective Teaching.
5. Effective Organization of Seminars and Workshops.

Weaknesses:

1. Lack of teaching & research staff
2. Lack of funds

52. Future plans of the department.

- Revision of syllabi according to market demand
- Organisation of national and international seminars

- Organisation of workshops & training programmes
- Field work ptogrammes
- Undertaking research programmes
- Infrastructural development

***

Department of Technology

1. Name of the Department : Department of Technology
2. Year of Establishment : 1969
3. Is the Department part of a school / Faculty of the University?

   Yes, Faculty of Technology

4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.d., Integrated Masters;Integrated Ph.D., etc.)

S.No.	Level	Name of the Programmes	Specialization	Duration	Regular/ CE
1	UG	B.Tech (Chemical Engineering)	Chemical Engineering	4 years	Regular
2	UG	B.Tech (Food Technology)	Food Technology	4 years	Regular
3	UG	B.Tech(Textile Technology)	Textile Technology	4 years	Regular
4	PG	M. Tech(Chemical Engineering)	Chemical Reaction Engineering	2 years	Regular
5	PG	M. Tech(Chemical Engineering)	Plant Design	2 years	Regular
6	PG	M. Tech(Chemical Engineering)	Process Dynamics & Control	2 years	Regular
7	PG	M. Tech (Chemical Engineering)	Environmental Engineering	2 Years	Self - Finance
8	PG	M. Tech (Chemical Technology)	Technology of Pharmaceutical and Fine Chemicals	2 years	Regular
9	PG	M. Tech (Material Science & Technology)	Materials Science & Technology	2 years	Regular
12	PG	M. Tech (Bio Technology & Bio Chemical Engg.)	Bio Technology & Bio Chemical Engg.	2 years	Self - Finance
13	PG	M.Tech (Food Technology)	Food Processing Technology	2 years	Self - Finance
14	PG	M.Tech (Textile Technology)	Apparel Technology	2 years	Self - Finance
15	PG	M.Tech (Textile Technology)	Apparel Technology	3 years	Part – Time
16	PG	M.Tech (Food Technology)	Food Technology	3 years	Part – Time
17	PG	M.Tech (Chemical Engineering)	Plant Design	3 years	Part – Time

PhD.

5. Interdisciplinary courses and departments involved

Department of Pharmacy

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Nil

7. Details of programmes / Courses discontinued, if any, with reasons, N

Nil

8. Annual/Semester/Choice Bases Credit system Semester/CBCS

SEMESTER "/Choice Bases Credit system"

9. Participation of the department in the courses offered by other departments

Department of Pharmacy

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Designation	Sanctioned	Filled
Professor	11	14
Associate Professor	20	04
Asst. Professor	12	06

11. Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./ Ph.D./M.Phil., etc.

Name	Qualifi-cation	Designa-tion	Specialization	No. of Years of Experi-ence	No. of Ph.D. students guided for the last 5 years
Prof. T. Sankarshana	M. Tech, PhD	Professor	Mass Transfer Engineering	33	3
Prof J.Hayavadana	M.Tech,PGPDM, DBM,DFM	Professor	Textile Tech	26	--
Prof.K.S.K.Rao Patnaik	M.Tech,Ph.D	Professor	Chem.engg/Chem Tech	33	--
Prof.V.V.Basava Rao	M.Tech,Ph.D	Professor	Circulating Fluidized Bed Tech, waste water treatment	26	8

Prof.Ch.Sailu	M.Tech,Ph.D	Professor	Chemical reactor design & analysis	26	--
Prof. A.Ravinder Nath	M.Tech,M.Sc., Ph.D.	Professor	Medical Chemistry, Biotechnology	27	6
Prof .E.Nagabhushan	M.Tech,Ph.D	Professor	ceramic engg,mst	26	--
Prof. R.ShyamSundar	M.Tech,Ph.D	Professor	Heat transfer pharmacy	30	2
Prof. D.Jayaprakash	M.Tech,Ph.D	Professor	Chemengg/chem tech	26	--
Prof. S.Ram Mohan Rao	M.Tech,Ph.D	Professor	Process equipment design from waste water treatment	30	--
Prof. KavitaWaghray	M.Sc., Ph.D.	Professor	Oils & Fats extrusion Clinical Nutrition	20	--
Prof. Prabhakar Reddy	M.Tech	Professor	Process control	21	1
Prof. V.Ramesh Kumar	M.Tech,Ph.D	Professor	Modeling simultation process control	20	--
Prof.R.Madhusuhan Raju	M.Tech,Ph.D.	Professor	Coordination chemistry	30	
Prof.P.Shashikala	M.Tech,PhD	Professor	Chemical Technology	30	--
Dr.P.Raja Rao	B.Tech, M.Tech, M.Sc.	Professor	Envir.Biotech	26	--
Dr. V.Satyanarayana	MA,PhD,PGDCA	Professor	Sports Psychology	26	--
Sri. SrinivasMaloo	B.Tech,MBA	Associate Professor	Food Tech &Magnt	28	--
Sri T.VenkataRajaiah	MA,M.Phil	Associate Professor	ELT &TY Indian engg	30	--
Dr.Ch.Srinivas		Associate Professor			
Dr.N.J.P.PrameelaSubhashini	M.Sc., Ph.D,B.Ed	Assistant Professor	Organic Chemistry	27	8
Dr. A.VenkataLaxmi		Assistant Professor			
Sri.B.Rajam	M.Tech	Assistant Professor	Material Science &Tech	12	--

Dr.M.Srinivas	M.Sc., Ph.D,B.Ed	Assistant Professor	Physics		--
Dr. V.DhanaLaxmi		Assistant Professor			
Dr. G.VijayaLaxmi	M.ScPh.D	Assistant Professor	Phisical Chemistry	16	--
Dr.SrinuNaik	M.Tech, Ph.D	Assistant Professor	ChemEngg	10	

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors

1. Jyothi Kiran Singh (Faculty)
2. Ch. Bala Tripura Sundari (Faculty)

13. Percentage of classes taken by temporary faculty – programme – wise information

--

14. Programme – wise Student Teacher Ratio

All B. Tech 1:15 All M. Tech 1:12

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

	Sanctioned	Filled
Academic Support Staff	33	33
Administrative Staff	40	40

16. Research thrust areas recognized by funding agencies

Process Intensification in Chemcial& Biological Industries

17. Number of faculty with ongoing projects from a) national b) international funding agencies and C) Total grants received. Give the names of the funding agencies and grants received project-wise.

S.No	Name of the Faculty	Project Title	Funding Agency	Grant (Rs.)
1	Dr. Dhanalaxmi	State space formulation of visco elastic fluid flow problems	UGC-Minor	2.7 L

18. Inter-institutional collaborative projects and grants received

a) All india collaboration b) International Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2009 -14	AICTE-RPS, UGC-MJRP, UGC-MRP	Rs. 40.51 Lakhs	Rs. 40.51 Lakhs
Minor Projects	2011	UGC-SERO	Rs. 1.99 Lakhs	Rs. 1.99 Lakhs
Interdisciplinary Projects				
Industry sponsored	2012	Industry Sponsored	Rs. 1.98 Lakhs	Rs. 1.98 Lakhs
Projects sponsored by the University/ College	2014	OU-DST PURSE	Rs. 29.27 Lakhs	RS. 29.27

20. Research facility / centre with

- State recognition: Nil
- National recognition: Nil
- International recognition: Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies.

--

22. Publications :

- Number of papers published in peer reviewed journals (national / international)

  National: 12

  International: 69

- Monographs --
- Chapters in Books -- 3
- Edited Books --
- Books with ISBN with details of publishers -- 1

- Number listed in international Database (For e.g. Web of Science, Scopus,Humanities International Complete, Dare Database – international Social Sciences Directory, EBSCO host, etc.)
- Citation Index – range/average --
- SNIP --
- SJR --
- Impact Factor – range /average --
- h-index --

23. Details of patents and income generated -- 02 Submitted

Prof. R. Shyam Sunder -

Prof. ChinthaSailu -

24. Areas of consultancy and income generated

S.No.	Name of the Company	Amount (Rs. In Lakhs)
1	MTCP-Gatkesar	**3.6685**
2	G.PullaReddy College of Pharmacy	
3	NIPER Hyderabad	
4	Dept of Physics	
5	Andhra University College of Engineering	
6	Dep of University-OU-Hyd	
7	Sree Sai Dental College	
8	Sri Venkateshwara College of Pharmacy	
9	JNTU- Hyderabad	
10	PBVRR Womens College of Pharmacy	
11	NIT- Rowkela – Odisa	
12	Dept of Microbiology-OU	
13	PDC lab course for Students of B.Tech.(Chem.) III yr , JNTU, Hyd	**0.5797**

25. Faculty selected nationally/internationally to visit other laboratories in india and abroad

- Prof. J. Hayavadana
- Prof. ChinthaSailu
- Prof. D. Jaya Prakash
- Prof. V. V. Basava Rao
- Sri. Srinivas Maloo

26. Faculty serving in a) National committees b) international committees c) Editorial Boards d) any other(please specify)

- Prof. T. Sankarshana - Member, AICTE; Member - IIChE
- Prof. J. Hayavdana - BOE member for B.Tech (Textiles) Board in Bangalore University ;
  A.M.I.E., M.I.S.T.E., TAI
- Prof. ChinthaSailu - Member, AICTE; TSPCB; Member IIChE
- Prof. V.V. Basava Rao - Member, APPCB; Member IIChE
- Prof. D. Jaya Prakash - Member. TSPCB; Member IIChE
- Prof. R. Shyam Sunder - Member- IIChE
- Sri. Srinivas Maloo - Member -Association of Food Science and Technologists (India) – Hyderabad Chapter -Life Member; Member - Nutrition Society of India; Member - Oil Technologists Association of India (South Zone) ; Member - Indian Science Congress; Life Member - Indian Society for Technical Educational; Life Member of Indian Institute of Chemical Engineers
- Prof. V. Ramesh Kumar - Member - IIChE
- Prof.G.Prabhaker Reddy -Member of IIChe and AIChE ;
  Member of Telangana state pollution control board
- Sri. B. Rajam - Member – IIChE
- Dr. S. SrinuNaik - Member - IIChE

- Dr. N. J. P. Subhashini
  i) IACT,INDIA (LM-591) ii) ICC, Life Member (LM 661)

- Prof.E.Nagabushanam
  Membership of faculty in important national bodies
- Dr G. Vijaya Lakshmi
  i) ACT, India (LM-407) ii) ISRAPS (LM-411) iii) SECAS – Life Member

27. Faculty recharging strategies

Through Work Shops, Seminars, Conferences, FDPs & Training Programs

28. Student projects

- Percentage of students who have done in-house projects including inter departmental projects : 80%
- Percentage of students doing projects in collaboration with other universities / industry / institute : 20%

29. Awards / recognitions received at the national and international level by

- Faculty

Prof. V.V. Basava Rao:	-	Council Member and Controller of Examination, IIChE Presently
Prof.P.Amreshwar	-	DAAD Fellow
Prof.S. Venkateshwar	-	IIChE NRC Award Kuloor Memorial
Prof.A.Ravindernath	-	Exchange Visitor Award
Prof. K.S.K.Rao Patnaik	-	Best Paper Award
	-	The Sir Ganga Ram Memorial Gold Medal was awarded for the Best Research
Prof. D. Jaya Prakash	-	1st Place in Scientific Paper Presented in World Congress on Pharmaceutical Science & Chemical Technology
Prof. V. V. Basava Rao	-	Best presentation award in CHEMCON -2014, December 2014
Prof. V. V. Basava Rao	-	Distinguished speaker in Departmental Seminar at Dept. of Chemical and Biomedical Engineering, West Virgina University, Morgantown, USA

- Doctoral / post doctoral fellows

  --

30. Seminars / Conferences / Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any.

Workshops: 10

Seminars: 07

Conferences:03

- Three Day Workshop on "Computer Solution of Process Model Equations" during 11th - 13th October 2012.
- One Day Workshop on "Academic Reforms in Chemical and its Allied Engineering Courses" on 09-07-2012.
- Two Day National Conference on " Strategies for Climate Change Mitigation and Adaptation towards Sustainable Development" at IPE, O.U during 20th -21st February 2013.
- Organized Two Days Workshop on NBA Accreditation on 10-09-2012
- Organizing National Conference / Workshop "Technosmania 2K13" during 28th - 30th March 2013.
- One Day Workshop on "Institution Industry Interaction at UCT, OU during 07-06-2013.
- Two Days Workshop on "Pre Placement Skills" at UCT(A), OU during 7th- 8th October 2013.

- One Workshop on "COMPUTER SKILLS" for Non Teaching Staff, O.U during 19th - 25th February 2014.
- Two Day National Conference on "Climate Change and Sustainable Development" at IPE, O.U during 20th - 21st February 2014.
- One Day Seminar on "Recent Innovations in Chemical Engineering" by Dept. of Chemical Engineering, UCT(A), OU on 26-03-2014.
- One Day Seminar on "Advances in Food Technology" by Dept. of Food Technology, UCT(A), OU on 27-03-2014.
- One Day Seminar on "clean & Green Technologies" by Dept. of Textile Technology, UCT(A), OU on 28-03-2014.
- One Day Workshop CSTEEAR on 27-06-2014
- Two Days Training Program on COMSOL Software purchased under TEQIP –II during 17th - 18th July 2014.
- One Day National Seminar on " Clean Food Bio-Processing Technologies" on 26th March 2015.
- One Day National Seminar on " Green Processing Technologies" on 25th March 2015.
- One Day National Seminar on " Eco - Friendly Textiles" on 27th March 2015.
- Workshop on Quality Initiatives in Technical Education Institutions - Outcome Based Education during 23rd - 28th November 2015.
- Workshop on "Computerized Accounting using TALLY Software (CATS) under TEQIP – II during 7th - 11th December 2015.

31. Code of ethics for research followed by the departments

As per University Norms

32. Student profile course wise:

B.Tech

Name of the Course(refer to question no.4)	Applications Received	Selected		Pass Percentage	
		Male	Female	Male	Female
Chemical Engg	61	32	26	94	100
Food Technology	20	5	13	100	100
Textile Technology	17	5	12	100	100

M.Tech

Name of the Course(refer to question no.4)	ApplicationsReceived	Selected		Pass Percentage	
		Male	Female	Male	Female
Chemical Reaction &Engg	--				
Plant Design					
Process Dynamic &Control					
MST					
TPFC					
BCBT					
Pharmaceutical					
PAQC					

33. Diversity of Students

Name of theCourse(Refer to question no.4)	% of studentsFrom the same university	% of studentsFrom other universitiesWithin the state	% of studentsFrom UniversitiesOutside the state	% of students From otherCountries
Chemical Engg	85%	15%		2 Students
Food Tech				--
Textile Tech				--
M.tech				
CRE				
Plant Design				
TPFC				
MST				
EE				
FPT				
TT				

34. How students have cleared Civil services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Around 15 Memebers qualifying in GATE per year.

35. Student Progression

Student Progression	Percentage against enrolled
UG to PG	20%
PG to M.Phil.	
PG to Ph.D.	3%
PG to Ph.Doctoral	0.05%
Employed • Campus Selection • Other than campus recruitment	 70% 05%
Entrepreneurs	1.95%

36. Diversity of Staff

Percentage of Faculty who are graduates	
of the same university	75%
from other universities within state	12%
from universities from other states	13%
from universities outside of countries	--

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period

Three

38. Present details of infrastructural facilities with regard to

g)	Library	Yes
h)	Internet facilities for staff and students	Yes
i)	Total number of classrooms	20
j)	Classrooms with ICT facility	Yes
k)	Students laboratories	Yes
l)	Research laboratories	Yes

39. List of doctoral, post-doctoral students and Research Associates

c) From the host university

d) From the other universities

Nil

40. Number of post graduate students getting financial assistance from the university.

200 Students

41. Was any need assessment exercise undertaken before the development of new programme(s)? if so, highlight the feedback?

Yes

42. Does the department obtain feedback from

d) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, to improve the teaching learning process of the faculty and to modify the syllabus content.

e) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, to improve the teaching learning process of the faculty and to modify the syllabus content.

f) Alumini and employers on the programmes offered and how does the department utilize the feedback?

Yes, to modify the labs

43. List the distinguished alumini of the department (maximum 10)

1. Dr.K V Raghavan
2. Sri Sathish Reddy
3. Harsha Bogle
4. NageshKukunoor
5. Sanjeev Siddu
6. A SathyaMurthy
7. Sainath
8. M.Rajamahendra Reddy
9. Sethuraman
10. A. Bhasker Reddy
11. Purushotham Reddy
12. Srinivas

44. Give details of student enrichment programmes (special / workshops/ seminar) involving external experts.

Technosmania, FoodSynoria, Texchroma

45. List the teaching methods adopted by the faculty for different programmes.

- Adopting e-teaching for some advanced courses like Virtual Instrumentation and Computer Process Control.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The Programme coordinator conducts the meeting with faculty and discuss regarding program outcomes and the necessary actions will be taken accordingly.

47. Highlight the participation of students and faculty in extension activities.

Sports, Cultural, Social Activities, Etc.,

48. Give details of "beyond syllabus scholarly activities" of the department.

Semianr Internships, Home Assisgnments, Mini Projects, etc.,

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details.

The following courses are NBA Accreditated(Copy Enclosed)

1. B. Tech – Chemical Engineering
2. B. Tech – Food Technology
3. B. Tech – Textile Technology
4. M. Tech Chemical Engineering - Chemical Reaction Engineering
5. M. Tech Chemical Engineering - Plant Design
6. M. Tech Chemical Engineering - Process Dynamics & Control
7. M. Tech Chemical Technology - Technology of Pharmaceutical & Fine Chemicals

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

State of the Art Laboratory "CAF" lab creted to cater the needs of industry and analyze the samples of vaiours nature.

51. Detail any five strengths, Weaknesses, Oppurtunities and challenges (SWOC) of the department.

Strengths:

The Department has strong core faculty with necessary expertise to stands high in performance

The Department has the access to sharing of expertise and resources from sister Departments,

The Department has the scope and access to collaborate with research institutes and industries in the vicinity.

A well designed curriculum appreciated by the external experts

Access to State of Art facilities and being part of Large Affiliation Structure

Weaknesses:

Lack of Provision of Budgeted Posts

Physical Space constraint is the hinderance of Expansion

Paucity of Man Power at supporting services for ensuring the effectiveness

Opportunities:

Hyderabad being known as the hub of Pharmaceutical Industry, widen the employment and training opportunities

Plenty of scope for expansion of research activities due to the presence of National Research Institutes in the vicinity of the campus

Extended opportunities to be part of Global workforce due to expanded mandates in improving the quality of health care

Challenges:

Coping up with the rapid changes in the discipline due to emergence of cutting-edge technologies

Training the workforce to meet the needs of transformational changes due to professional diversification from Industry to Practice

Preparing the skilled and highly knowledge based workforce to face the stiff competition from allied disciplines in healthcare research and professions

52. Future plans of the department

Planning to become self sustain in the technology related areas and nodal culture for the Networking institutes in Chemcial Engineering and Allied areas.

Department of Pharmacy

1. Name of the Department : Pharmacy
2. Year of establishment : 1974 (revived in 2009)
3. Is the Department part of a School/Faculty of the university?

   Yes, Faculty of Pharmacy
4. Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc)

   M.Pharm 1. Pharmaceutical Chemistry

   M.Pham 2. Pharmaceutical Analysis & Quality Assurance

   Ph.D Pharmaceutical Sciences
5. Interdisciplinary courses and departments involved:

   M.Tech. (Chemical Technology)

   M.Tech. (Biochemical Engineering & Biotechnology)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   Department is exploring the scope of Collaboration with industry and Foreign Institutions
7. Details of programmes/courses discontinued, if any, with reasons

   B. Pharm program was transferred in the year 1976 to District PG Center, Warangal, subsequently that elevated into University Status
8. Annual/Semester/Choice Based Credit System:

   Semester with Choice Based Credit System
9. Participation of the department in the courses offered by other departments

   Chemical Technology
   Biochemical Engineering & Biotechnology
10. Number of teaching posts sanctioned and filled (Professors / Associate Professors/Asst. Professors)

    A request is being made to adjust against the transfer of sanctioned posts of PG Center, Bhiknurafter being taken over by the Telangana University

Designation	Sanctioned	Filled
Professor	1	-
Associate Professor	3	-
Asst. Professor	4	-

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D/Litt./ Ph.D./M.Phil.,etc.)

The following faculty are attached to the Department of Pharmacy as Joint Faculty

No.	Name & Qualification	Designation	Specialization	Exp.	Ph.D's/Mast.
1.	Prof.V.V.Basava Rao	Professor HOD	Chemical Engineering and Pharmaceutics	25 Yrs	09/35
2	Prof. A. Ravinder Nath M.Tech., Ph.D., PDF (Pharm-USA)	Professor	Med. Chem. & Pharm. Biotech	26 Yrs	4 / 30
3	Prof. R. Shyam Sunder M.Tech., Ph.D.,	Professor	Pharmaceutical Technology	18 Yrs	0 / 20
4	Prof. D. Jaya Prakash M.Tech., Ph.D.	Professor	Pharmaceutical Analysis & CRE	23 Yrs	0 / 10
5	Prof. P. Shashikala M.Tech., Ph.D.,	Professor	Pharmaceutical Technology	33 Yrs	0 / 20
6	Dr. P. Raja Rao M.Tech., Ph.D.,	Associate Professor	IP Rights, Env. Sc.,& Biotech.	23 Yrs	0 / 25
7	Dr. NJP. Subhashini M.Sc., Ph.D.,	Assistant Professor	Pharm. Chem.	23 Yrs	0 / 30

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors

No.	Name	Designation
1.	Prof. P. Amareshwer	Visiting Fellow
2.	Prof. A. Ram Reddy	Guest Faculty
3.	Prof. V. Uma	Guest Faculty
4.	Prof. D. Ashok	Guest Faculty
5.	Prof. Shivraj	Guest Faculty
6.	Prof. C.V.S. Subramanyam	Guest Faculty
7.	Dr. Bhattacharyulu	Guest faculty
8.	Dr. Jyoti Kiran Singh	Visiting Faculty
9.	Dr. B. BinduMadhavi	Guest Faculty

13. Percentage of classes taken by temporary faculty - programme – wise information

65

14. Programme– wise Student Teacher Ratio

10 : 1

15. Number of academic support staff (technical) and administrative staff; sanctioned and filled

A recommendation of Departmental Committee is pending with the University to accommodate the budgeted provision posts of transferred District PG Centers, so as to maintain the teaching – non-teaching staff ratio (1:2) norms.

Category	Sanctioned	Filled
Administrative		
Technical	**1**	**1**
Sub-ordinate		

16. Research thrust areas recognized by funding agencies:

Broad Area: Pharmaceutical Chemistry

Focused Area: "Development of Drug Leads through Novel Synthetic and Non-Synthetic Tools"

17. Number of faculty with ongoing projects form a) national b) International funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project – wise.

Funding		Number	Grants Rs. in Lakhs
National	UGC - MRP	2	20.50
	DST - PURSE	1	1.75
	TEQIP - COE	3	18.00
	UGC - UPE	1	15.00
International		-	-
Total Projects		**7**	**55.25**
Faculty Involved		**4**	
Prof. A. Ravinder Nath	UGC - MRP	1	11.75
	TEQIP-COE	1	6.00
	UGC-UPE-FAR	1	15.00
Prof. D. Jaya Prakash	TEQIP-COE	1	6.00
Dr. P. Raja Rao	TEQIP-COE	1	6.00
Dr. NJP Subhshini	UGC - MRP	1	8.75
	DST - PURSE	1	1.75

18. Inter – institutional collaborative projects and grants received

b) All India collaboration : 4

c) International : 1

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received: UGC – SAP

UGC – BSR Infrastructure Grants Rs. 10.00 Lakhs (2013 - 14)

20. Research facility / centre with

- State recognition: Yes
- National recognition: Yes
- International recognition: --

21. Special research laboratories sponsored by / created by industry or corporate bodies

Discovery Research Innovation Laboratory (DRIL) with the Partial Support of MSN Laboratories and TEAM Labs & Consultants

22. Publications:

- Number of papers published in peer reviewed journals (national/ international)

  National : 30
  International : 10
- Monographs --
- Chapters in Books --
- Edited Books --
- Books with ISBN with details of publishers
- Number listed in international Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)
- Citation Index – range / average --
- SNIP --
- SJR --
- Impact Factor – range / average --
- H – index

23. Details of patents and income generated--

24. Areas of consultancy and income generated

Process Development and Environmental Impact Assessment – Rs. 2.86 Lakhs

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad

No.	Name of the Faculty	Countries / Institutes Visited
1.	Prof. A. Ravinder Nath M.Tech., Ph.D., PDF (Pharm-USA)	USA, CANADA, UK, CHINA, EUROPE, EAST ASIA, WEST ASIA, SOUTH ASIA

2.	Prof. R. Shyam Sunder M.Tech., Ph.D.,	USA and Australia
3.	Prof. D. Jaya Prakash M.Tech., Ph.D.	USA, UK, EUROPE, EAST ASIA, WEST ASIA, SOUTH ASIA
4.	Prof. P. Shashikala M.Tech., Ph.D.,	EUROPE
5.	Dr. P. Raja Rao M.Tech., Ph.D.,	USA
6.	Dr. NJP. Subhashini M.Sc., Ph.D.,	DIPSER, New Delhi, NIPER, Chandigarh

26. Faculty serving in

d) International Committees 2

e) National committees 3

f) Editorial Boards 2

g) Any other (If any) --

27. Faculty recharging strategies:

Faculty Members are conducting and attending seminars, conferences, workshops and special training programs for updating their knowledge. The faculty also using ICT method in teaching

28. Student projects

- Percentage of student s who have done in – house projects including inter-departmental projects

  50

- Percentage of students doing projects in collaboration with other universities/ industry / institute

  50

29. Awards/ Recognitions received at the national and international level by

- Faculty : 2
- Doctoral/ Post DoctoralFellows : 8/1
- Students : 2

PDF 01

1. Dr. BinduMadhavi

BSR Fellowships **04**

1. Ms. M. Anuradha
2. Ms. P. Usha
3. Mrs. K. Lakshmi Deepthi
4. Mrs. V. Narmada

Rajiv Gandhi National Fellowship 01

1. Mrs. P. Snehalatha

30. Seminars/ Conferences/ Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any,

Two

31. Code of ethics for research followed by the departments:

Yes – Adhering to the UGC Regulations – 2009 and also the University Rules and Regulations from time-time.

32. Student profile course – wise:

Name of the Course (refer to question no.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Pham (Pharm.Chem)	State Level	7	11	100	100
M.Pham (Pharm A &QA)	State Level	6	12	100	100
Ph.D (Pharm. Sciences)	191	10	14	98	100

33. Diversity of students

Name of the Course (refer to question no.4)	% of students from the same university	% of students from other universities within the State	% of students from other universities outsides the State	% of students from other countries
M.Pham (Pharm Chem)	40	58	2	--
M.Pham (PA & QA)	36	62	2	--
Ph.D (Pharm. Sciences)	38	54	8	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE/GPAT and other competitive examinations? Give details category – wise.

GATE / GPAT - 90%

35. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M.S.	10
PG to Ph.D.	20
Ph.D. to Post – Doctoral	2
Employed • Campus selection	20

• Other than campus recruitment	40
Entrepreneurs	2
Others	8

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	4
from other universities within the State	5
from universities from other States	1
from universities outside the country	5 trained abroad

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period

Two

38. Present details of infrastructural facilities with regard to

g) Library - Yes
h) Internet facilities for staff and students - 100% Accessible
i) Total number of class rooms - 2
j) Class rooms with ICT facility - 50%
k) Students' laboratories - 2 Labs
l) Research laboratories - 2 Labs

39. List of doctoral, post – doctoral students and Research Associates

c) From the host university : 40%
d) From other universities : 60%

40. Number of post graduate students getting financial assistance from the university.

90%

41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.

Yes–The assessment exercise for development of a new program is based on the following factors;

1. Availability of trained expertise among the existing faculty
2. Projects in the related area is executed by the Faculty and Department
3. Access for the resource facilities
4. Recommendations of Professional and Industrial Bodies

5. Identification of the Program as a Thrust Area by the Funding Agencies
6. Ensuring the employability pass outs
7. Directions of the State Government
8. Feasibility (Finances, Physical and Human Resources) Report by a Committee
9. Approval of various Statutory Bodies

42. Does the department obtain feedback from

d) Faculty on curriculum as well as teaching – learning – evaluation? If yes, how does the department utilize the feedback? –

Yes – The necessary suggestions will be incorporated in the subsequent revision of curriculum – appropriate decision will be taken in respective statutory bodies on any changes that are needed to be adopted or incorporated in teaching-learning-evaluation process.

e) Students on staff, curriculum and teaching – learning – evaluation and how does the department utilize the feedback?

The Department initiate necessary intervening measures to correct the things right to the satisfaction of the students and as well us to meet the outcomes of the program/course being offered by the Department. Further it will also be used in updating the lectures with more knowledge resources to enrich the instructional content for better conceptual understanding of the subject and also the revision of syllabus in future course of time.

f) Alumni and employers on the programmes offered and how does the department utilize the feedback?

The Department after evaluating the feedback of alumni and employers initiate the intervening measures for the best possible output to be accepted by the society

43. List the distinguished alumni of the department (maximum 10)

Since the Department is functionally operated with the support of collaborative Departments of Chemical Technology and Chemistry since 2009, the supporting Departments alumni, who accomplished fame in the field of Pharmacy are being enlisted.

Chemical Technology:

1. Mr. K. Satish Reddy – CEO – Dr. Reddy's Laboratories, Hyderabad
2. Mr. T. Krishna Reddy – CEO – Sri Krishna Drugs, Hyderabad

Chemistry:

1. Dr. B. Parthasarathy Reddy – CEO – Hetero Drugs Ltd., Hyderabad
2. Dr. M.S.N. Reddy – CEO – MSN Laboratories, Hyderabad
3. Dr. V. Sudhakar Rao – CEO – Innova Pharma, Long Island, NY - USA

44. Give details of student enrichment programmes(special lectures/ workshops / seminar) involving external experts.

The Department effectively utilizes the visits of distinguished alumni of the University working abroad by arranging Special Invited Lectures and also arranges the Lectures of Visiting Scientists and Professors to the sister Departments and Neighboring Research Institutions. In addition to this Department periodically organizes workshops involving external experts.

45. List the teaching methods adopted by the faculty for different programmes.

Contact program with ICT usage and Self-Learning Mode.

To make the Teaching-Learning to be more innovative the use of highly participatory lecture modules involving Audio-Visuals in the form of Power Point presentations were developed.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Periodic Assessment of Students and Feed-back from Students

In addition to the above a best practice is exising such as maintainence of Attendance Registers and Teaching Diaries to monitor the effective engagement of classes as per scheduled time-table. Interim arrangements will be made to cover the prescribed syllabus of the course during odd/even semesters. The outcomes of learning will be evaluated to ensure the accomplishment of program objectives.

47. Highlight the participation of students and faculty in extension activities.

Students and Faculty of the Department are actively involved in organizing the events on Professional Days/Weeks such as Science Day, Technology Day, Earth Day, Pharmacy Day and Pharmacy Week to sensitize the community and professionals, in addition to this they are also actively participating in the cultural and scientific events organized by the institution.

48. Give details of "beyond syllabus scholarly activities" of the department.

To encourage scholarly activities within the Department students are provided with resource material beyond the syllabus knowledge from various resources such as NCBI Book Shelf, Google Books, Review Articles from Trends Series Journal, Wiki Knowledge, Research Gate, TED lecture Series and Open Online Access Courseware etc., Further they were encouraged to write the review articles and communicatethe Papers in peer reviewed journals.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

The Department initiated in creating the state of the art research labs as per GLP norms with the support of funding agencies (UGC and DST) and local pharmaceutical industries. It has improved its publication profile considerably for the past five years and has an access to the state of the art equipment for analytical and testing facilities both at the institution and the university. Further it has non-formal networking with neighboring research institutes and industries.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

The Department has strong core faculty with necessary expertise to stands high in performance

The Department has the access to sharing of expertise and resources from sister Departments,

The Department has the scope and access to collaborate with research institutes and industries in the vicinity.

A well designed curriculum appreciated by the external experts

Access to State of Art facilities and being part of Large Affiliation Structure

Weaknesses:

Lack of Provision of Budgeted Posts

Physical Space constraint is the hinderance of Expansion

Paucity of Man Power at supporting services for ensuring the effectiveness

Opportunities:

Hyderabad being known as the hub of Pharmaceutical Industry, widen the employment and training opportunities

Plenty of scope for expansion of research activities due to the presence of National Research Institutes in the vicinity of the campus

Extended opportunities to be part of Global workforce due to expanded mandates in improving the quality of health care

Challenges:

Coping up with the rapid changes in the discipline due to emergence of cutting-edge technologies

Training the workforce to meet the needs of transformational changes due to professional diversification from Industry to Practice

Preparing the skilled and highly knowledge based workforce to face the stiff competition from allied disciplines in healthcare research and professions

52. Future plans of the department.

The Department intends add few more specializations, such as Pharmaceutics, Pharmacology, Pharmaceutical Biotechnology and Pharmacoinformatics in the course of time. Among them the two emerging areas will be started with the support of the industry and research institute collaborations.

The Departments has plans to expand Physicallyinterms of Infrastructural Facilities and also quality faculty needs with the support of the state government.

Focus will be on the development of more number of the state of the art research labs as per GLP norms, so as enable to create both incubation and contract research facilities.

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