

OSMANIA UNIVERSITY



ANNUAL QUALITY ASSURANCE REPORT FOR THE PERIOD 2009-2010

Submitted to

**NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL**

(NAAC)

Name of the Institution: Osmania University	Report for the year: 2009-2010
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Part A:

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

Plan of Action: Based on the recommendations of the NAAC peer team the following new academic initiatives were planned for the year 2009-2010 as a part of continuous quality enhancement measures:

1. Introduction of CBCS and Grading System in all PG Courses
2. Introduction of 5-year integrated course on experimental basis.
3. Introduction of School concept in place of Department concept for effective administrative and academic streamlining
4. Development of a central instrumentation facility of sophisticated equipments
5. Online monitoring of student attendance
6. Collection and Analysis of the Self Appraisal Reports of the teachers
7. Introduction of Project Work in all PG Courses
8. Giving weightage to Student Seminars and Assignments under CBCS
9. Introduction of compulsory and Optional Add-On Courses.
10. Strengthening the procedure for admissions into PhD programme
11. Strengthening of course work for PhD programme.
12. Starting of a separate cell for counseling of students

As the Deans of the faculties, Principals of the colleges, Heads and Chair persons of the departments are the torch bearers of different wings of the University administration, all of them have an important role to play in the successful implementation of the new initiatives. As there is a need to sensitize all the academic administrators about the CBCS and Grading system, and discuss about the challenges, procedures and modalities in its successful implementation w.e.f 2009-2010, IQAC of OU has organized two workshops, one for all the academic administrators and the second for all the teachers of the University.

Out Come Achieved

I. The University has introduced CBCS and Grading System successfully in all the PG Courses offered at the campus and Constituent colleges with effect from 2009-2010.

II. A five year Integrated Course in Chemistry has been introduced at one of the constituent colleges, Nizam College.

III. Online monitoring of Student Attendance/ course wise classes conducted in all the University colleges is taken up from this year.

IV. Central instrumentation facility of sophisticated equipments is developed in the Central facilities building to cater to the needs of all the faculty and Research Scholars.

V. Student seminars with a weightage of one credit are introduced both in III and IV semesters of all PG courses

VI. Project work has been introduced in all the PG courses from this year.

VII. Compulsory and Optional add on courses have been introduced for all PG students.

VIII. Eligibility Test was conducted for admissions into Ph.D. programme of various Departments to make it more transparent.

IX. The University has started a Centralized Counseling Centre named SAHAYAM, to counsel the post-graduate students. A specialist in counseling is already appointed for this purpose. Apart from counseling the students, the counselor would also train the mentors of the students to strengthen the mentoring system in the University.

Part B:

1. Activities reflecting the goals and objectives of the institution:

The University embarked on a series of initiatives during 2009-2010 in tune with its goals and objectives.

- To strengthen the teaching and on going research activities at universities and research institutes, Department of Biotechnology (Govt. of India), New Delhi has introduced a novel programme under DBT-Interdisciplinary School of Life Sciences for Advance Research and Education (ISLARE). In this perspective OU has attracted the funding to the tune of 15 crores to establish an Interdisciplinary School of Life Sciences for Advanced Research and Education.
- To achieve excellence in teaching
 - ✓ Introduced a two year M.Sc. Chemistry (Pharmaco Informatics) at Nizam College
 - ✓ Introduced a Post M.Sc. Diploma in Radiological Physics at University College of Science.
- To achieve excellence in research
 - ✓ Many departments attracted grants from UGC under SAP
 - ✓ Meritorious fellowships were given to many research scholars under the UGC-Meritorious fellowships programme
 - ✓ Some of the departments attracted funds from DST under FIST programme.
 - ✓ Several of the faculty members attracted individual projects from various funding agencies in recognition of their research contributions
 - ✓ One patent was granted

To meet the challenges of a complex, and modern society.

- ✓ Introduced a Two year Advanced PG Diploma in Emergency Care
- ✓ Introduced a PG Diploma Course in Psychological Counseling
- ✓ Introduced a Pharm-D (Post Baccalaureate)
- ✓ Introduced a PG Diploma in Medical Imaging Technology
- ✓ Introduced a PG Diploma in Cardiac Care
- ✓ Introduced a PG Diploma in Anesthesia Technology
- ✓ Introduced a PG Diploma in Dialysis Management
- ✓ Introduced a PG Diploma in Wellness Management

- To develop , enhance and improve the quality of human resources
 - ✓ Introduced interdisciplinary subjects, Project work and Seminars in all PG programmes
 - ✓ Introduced compulsory add on courses on Communicative English and Soft skills Personality Development in all the PG programmes.
- To cultivate resolute moral and ethical values
 - ✓ Introduced a Counseling Centre named “Sahayam” to serve the student community by providing counseling services, training and awareness programs on various issues related to positive mental health and well being.

2. New academic programmes initiated (UG and PG):

NEW COURSES INTRODUCED DURING 2009-2010

1. Two year Advanced PG Diploma in Emergency Care
(Emergency Management & Research Institute, Secunderabad)
2. Post M.Sc. Diploma in Radiological Physics (Science College)
3. PG Diploma Course in Psychological Counseling (Nizam College)
4. M.Sc. Chemistry (Pharmaco Informatics) (Nizam College)
5. Pharm-D (Post Baccalaureate) (Malla Reddy College of Pharmacy)
6. PG Diploma in Medical Imaging Technology (Medwin Hospitals & Others)
7. PG Diploma in Cardiac Care (Medwin Hospitals & Others)
8. PG Diploma in Anesthesia Technology (Medwin Hospitals & Others)
9. PG Diploma in Dialysis Management (Medwin Hospitals & Others)
10. PG Diploma in Wellness Management (Apollo Hospitals)

3. Innovations in curricular design and transaction:

Introduction of CBCS and Grading System in all PG Courses

- A Post Graduate student has a choice of selecting two interdisciplinary courses/papers one each in III and IV semesters offered by other Departments/Faculties depending on his/her interest, needs and long term goals
- Continuous evaluation of the students in all the semesters is done through Internal Assessment Examinations, assignments, Seminars, Project Work etc.
- The student shall do a project work during the IV semester as a part of the regular course work
- Practical examinations are conducted at the end of each semester

- Course contents of each PG programme are designed to meet the ever changing requirements of the industry/job market/needs of society.
- The performance of a student in a semester is shown by Grade Point Average (GPA) and the combined performance of a student in all the four semesters of the PG programme is expressed as Cumulative Grade Point Average (CGPA)
- Handouts of lectures and power point presentations of some important lectures are made available on the web sites of the departments
- Student seminars are made compulsory and credits are awarded for this.
- Course material is provided to all students under the Interdisciplinary and Add on courses.

4. Inter-disciplinary programmes started:

1. Interdisciplinary School of Life Sciences for Advance Research and Education (ISLARE) sponsored by Department of Biotechnology.
2. PG Diploma in Medical Imaging Technology (Medwin Hospitals & Others)
3. PG Diploma in Cardiac Care (Medwin Hospitals & Others)
4. PG Diploma in Anesthesia Technology (Medwin Hospitals & Others)
5. PG Diploma in Dialysis Management (Medwin Hospitals & Others)
6. PG Diploma in Wellness Management (Apollo Hospitals)
7. Post M.Sc. Diploma in Radiological Physics (Univ. College of Science)

5. Examination reforms implemented:

Some of the reforms implemented during last year and further strengthened this year include:

- Spot valuation was introduced for MBA & M.Com Courses on par with other UG and Professional Courses.
- Identity Cards were issued to all the evaluators at the Spot valuation Centre after proper verification.
- Identity Cards were issued to all the staff of the Examination Branch.
- Security arrangements were strengthened by deploying more security personnel at the proper points.
- Biometric system has been installed. All the staff while entering the office have to get their finger prints scanned into the system
- With out valid Entry Pass, outsiders are not being allowed inside the Examination Branch.
- A system of issuing documents such as Degree Certificates under Tatkal Scheme was introduced whereby the students can obtain these documents on urgent basis.
- Foolproof software is procured for Electronic Data Processing (EDP) system.

- The automation of Examination Branch is taken up at a cost of Rs.35.00 lakhs.
- Results and marks of the candidates are placed on University web site.
- Olive data information pertaining to the qualified students of professional courses is also available on university web site so as to facilitate the embassies to check the genuineness of the documents.
- A separate software package is developed to collect college wise and course wise student's information so that computerized hall tickets can be issued to the students so as to avoid impersonation cases it can also reduce a lot of manual work.
- It is proposed to automate the entry of marks by evaluators in award list to avoid human errors and also to reduce the delay in result processing.
- Bills and cheque section of the examination branch are brought under LAN.

6. Candidates qualified: NET/SLET/GATE etc. NET-36/GATE-94/CAT-36

7. Initiative towards faculty development programme:

- The Academic Staff College of the University organized the following programmes for the benefit of teachers

S.No.	COURSES	FROM	TO
1	61 st Orientation Programme	20.04.2009	15.05.2009
2	RC in Commerce & Business Management	15.06.2009	04.07.2009
3	62 nd Orientation Programme	22.06.2009	18.07.2009
4	RC in Physics	08.07.2009	29.07.2009
5	RC in English	22.07.2009	12.08.2009
6	RC in Library & Information Science	17.08.2009	05.09.2009
7	RC in Life Sciences	20.08.2009	09.09.2009
8	RC in Chemistry	28.07.2008	19.08.2008
9	RC in Economics	29.09.2009	22.10.2009
10	63 rd Orientation Programme	14.10.2009	11.11.2009
11	RC in Hindi	28.10.2009	18.11.2009
12	RC in Political Science & Public Administration	16.11.2009	05.12.2009
13	RC in Mathematics & Statistics	25.11.2009	17.12.2009
14	RC in Research Methodology in Social Sciences, Commerce & Management (Inter-disciplinary)	22.12.2009	12.01.2010
15	64 th Orientation Programme	18.01.2010	11.02.2010
16	RC in Sanskrit	24.02.2010	17.03.2010
17	65 th Orientation Programme	01.06.2010	28.06.2010
18	RC in Environmental Studies (ID) All subjects teachers available	09.06.2010	29.06.2010
S.No.	COURSES	FROM	TO
19	RC in History	05.07.2010	24.07.2010
20	RC in Law	09.07.2010	29.07.2010

8. Total number of seminars/workshops conducted: 135

9. Research projects

- a) Newly implemented: 21
b) Completed: 50

10. Patents generated, if any:

- Emergency messaging in syncope detection and other heart disorders by M. Soundarya & Aravind M, Department of Biomedical Engineering – Application No:1639/CHE/2009

11. New collaborative research programmes:

The new collaborative programmes undertaken last year are being continued and strengthened further. They include:

- (i) The Department of Zoology has entered into MoU with M/S Global Hospitals, Hyderabad.

Global Hospital at its Lakdi-ka-pul, Hyderabad, a DSIR recognized In-House R & D Center has expertise in conducting R&D studies in following areas:

- Surgical Gastroenterology
- Multi Organ Transplant Facility
- Stem Cell Lab Facility (Clean Room Facility)
- Transplant Biology Department
- Tissue Culture Lab Facilities
- Flowcytometry lab facility
- Immunology Department
- Molecular Pathology Department
- Microbiology Department
- Haematology Department
- Clinical Biochemistry Department

Osmania University is having facilities for conducting research and animal based experiments, electro-physiology experiments and training leading to Degree, Post Graduation and Doctoral Programmes offered in the faculties of Science, Technology, Engineering, Informatics, Law and Management. The Zoology Department animal house facility will be utilized to conduct the proposed project. The Department would ensure the procurement of proposed animals and perform the bone-marrow aspiration, assess the integrity of the sample for volume and number of cells. The Department may choose to perform the initial work-up of isolation and culture of cells.

Global Hospital and Osmania University have agreed to collaborate in the following areas:

- 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 out side agencies such as DST, DBT, DSIR, etc.
- Technology Management and Technology Transfer
- Any other areas of mutual interest
- Pertaining to the project, the Global Hospital would actively in collaboration with Zoology Department, up scale the isolated stem cells and performs the tasks of inducing them to islets and subsequent characterization by IHC and Flow Analysis will be performed.

The envisaged DST Project that is taken up under this MoU between Osmania University and Global Hospital is divided into three phases and the financial grant from DST is agreed to be shared by the two parties to this MoU at the ratio of 1:1.3 that is Rs.45 lakhs to the share of Osmania University and Rs.59 lakhs to the share of Global Hospital. The equipment acquired during this project by both these institutions through the grant as cited becomes the property of the respective institutions with the consent of the DST.

- (ii) Centre for Plant & Molecular Biology has entered into MoU with International Crops Research Institute for the Semi-Arid Tropics, Hyderabad.

ICRISAT and Osmania University will cooperate so as to

- i) Jointly explore, design and implement relevant research initiatives such as biotechnology, nano technology, engineering and analytical instrumentation; and extension projects specifically those that relates to outreach/demonstration through shared utilization of resources of both organizations.
- ii) Strengthen the capacity of agricultural research institutions to develop technologies and to adopt technologies generated by ICRISAT, OU and other institutions through the consortium and partnership approach.
- iii) Jointly promote and facilitate public-private partnerships through specific activities.
- iv) Facilitate dissemination and sharing of information by conducting cosponsored seminars, conferences and workshops as necessary.

ICRISAT and OU, will enhance student degree training, and provide training and opportunities for postgraduate and doctoral thesis research.

- i) OU will recognize ICRISAT as an institution for conducting research relating to the thesis requirements of the research students for the degrees. OU will recognize ICRISAT scientists on their individual merits in accordance with the University's rules and standards, for guiding research students working for Ph.D. degrees.
- ii) All those desirous of registering as Ph.D. students must qualify at the eligibility test conducted by the University for admission . The course requirements for Ph.D. will be completed at OU. The research students who work for their Ph.D. degree shall have two supervisors, one advisor from OU and one co-advisor from ICRISAT. There may also be additional supervisors/committee members based on the requirements of OU.
- iii) ICRISAT will provide facilities for field and laboratory work to the Ph.D. students admitted by OU to carry out their thesis research program. The number of students accepted will be based on ICRISAT scientist's agenda and time availability.

12. Research grants received from various agencies: 1826.64 lakhs

13. Details of research scholars:

PhDs Registered (574)
PhDs Awarded – Faculty-wise (385)

Faculty	PhDs Awarded
Arts	55
Business Management	23
Commerce	06
Education	12
Engineering	26
Law	12
Oriental	05
Sciences	203
Social Sciences	41
Technology	02

14. Citation index of faculty members and impact factor:

Most of the teachers have published research papers in reputed journal having an impact factor varying from 1 to 23.

Prof. Pratibha Nallari, Dept. of Genetics has a publication in Nature Genetics-2009 with an impact factor of 30.259

15. Honors/Awards to the faculty:

- 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. K. Janardhan Reddy, Dept. of Botany, Coordinator, DBT, OU-ISLARE
- Prof. G. Bhagyanarayana, Dept. of Botany has been awarded Prof. Kajal Memorial Award, and President, Environmental Science, INSC
- Prof. V. Dashvantha Reddy, Director, CPMB was awarded Best Teacher of State Universities by the Govt. of Andhra Pradesh.
- 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. Fatima Begum, Dept. of Urdu has been awarded 1st prize for translation of poems entitled “Nanhi Nazmein” of Prof. N. Gopi former VC, Telugu University by AP Urdu Academy
- Prof. P.B. Kavi Kishore, Dept. of Genetics has been awarded Fellow of the National Academy of Agricultural Sciences, New Delhi, 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. V.M. Phandari Pande, Dept. of Electronics & Communication Engineering has been awarded Life Time Excellence in Teaching by Teacher’s Academy, 2009
 - Prof. N. Swamy, Dept. of Telugu has received Guntur Sheshendr Sharma Literary Award, 2009 and Avantsa Soma Sunder Literary Award, 2009.
 - 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, APSCH and CSIR.
 - Prof. KC Rajanna, Dept. of Chemistry, is appointed as the visiting scientist at RPI, Troy, NY, USA 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.
 - Mr. R. Suryanarayana Reddy, Dept. of Sociology posted to APARD as Centre Faculty, February 2009
 - Dr. Sandhya, Dept. of Commerce was awarded “Best Business Academic of the Year” (BBAY) Gold Medal in December 2008
 - Dr. V. Satyanarayana, Dept. of Physical Education won the Hong-Kong Sports Club “Best Paper Award” and “ISCPESAward” for the year 2008.
 - 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. 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
 - 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.
 - Dr.N. Navaneetha, Dept. of Chemistry, guided by Prof. S. Satyanarayana, got Young Chemist Award, t 42nd IUPAC Congress: Chemistry Solutions held at, SECC, Glasgow, UK organi9zed by Royal Society of Chemistry, London, UK in August 2009.
 - Ms. M. Vasavi, Dept. of Chemistry, guided by Prof.V. Uma, was awarded a cash prize and a Young Scientist citation by KV Rao Scientific Foundation in April 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, for conducting advanced research/undergoing specialized training in the area of Psychology and Biophysics for a duration of twelve months at the Dept. of Psychology and Medicine, Medical College of Virginia, Virginia Common Wealth University, Richmond, Virginia.

- Dr. A. Krishnaiah, Dept. of Mechanical Engineering is nominated for AP Scientists Awards (APSA) for the year 2009-2010.
- 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.
- Mr. Narsimulu Sanke, Dept. of Mechanical Engineering was recognized as one of the Top 100 outstanding scientists for the year 2009 by the International Biographical Center, Cambridge, England.

16. Internal resources generated: etc.

1. Self Financing Courses	: Rs. 150 lakhs
2. Consultancy Projects	: Rs.73,46,590
TOTAL	: Rs. 223.46 lakhs

17. Details of departments getting SAP, COSIST (ASSIST)/DST. FIST, Assistance/recognition:

New Projects Sanctioned:

DSA -III	: (02) Zoology (66.50 lakhs) and Economics (29.50 lakhs)
DSA-II	: (01) Geophysics (66.50 lakhs)
DRS-II	: (01) Commerce (53.50 lakhs)
DRS-I	: (02) English (41.50 lakhs) and Public Administration (33.00 lakhs)

Ongoing Projects:

DSA-V	: (01) Geography (59.05 lakhs)
DSA-III	: (01) Botany (69.00 lakhs)
DSA-II	: (01) Physics (73.50 lakhs)
DSA-I	: (01) Sociology (33.00 lakhs)
DRS-III	: (01) Mathematics (32.50 lakhs)
DRS-II	: (01) Biochemistry (47.50 lakhs)
DRS	: (01) Arabic (38.00 lakhs)
CAS	: (02) Genetics (80.00 lakhs) and Political Science (54 lakhs)
CAS-I	: (01) Journalism (55.00 lakhs)
ASIHSS	: (03) Communication & Journalism (32.55 lakhs) Psychology (48.25 lakhs) and Sociology (35.00 lakhs)
ASIST	: (02) Zoology (39.05 lakhs) and Geography (59.25 lakhs)
DST-FIST	: (02) Geography (32.00 lakhs) and ECE R&T Unit (95.00 lakhs)

Level I : (02) Biochemistry (84 lakhs) and
Physics (210 lakhs)

DBT : (07) Biochemistry, Botany, Genetics, Zoology,
Microbiology, CPMB & Institute Genetics
and Hospital for Genetic Diseases
(Rs.15 Crores)

Programme Highlights of DBT:

- ❖ The released grants are being utilized to strengthen the recently introduced choice based credit system in various Life Science Departments based on CBCS (A choice based credit system, 14 core papers and 2 optional papers). The grants will facilitate M.Sc. students to undertake project work at the end of curriculum.
- ❖ State-of-the-art Central Instrumentation facility is been established for housing sophisticated modern instrumental facility catering to the needs of researchers.
- ❖ As the part of on going programme, recently 14 Research Scholars have been selected to work in various envisaged research projects. Further, two Scientific Officers have been recruited as support staff to operate and maintain instruments procured under this programme.
- ❖ Additionally 5 state-of-the-art modular labs with laboratory equipment are being established to conduct M.Sc. practical curriculum for the participating departments.
- ❖ The facilities that have been planned include Analytical, Cryogenic Storage, Genomics, Microbial, Plant and animal tissue culture and Proteomics setup. Once these facilities are established, they will help the post-graduate students in honing their skills and achieving academic excellence. Further periodic workshops are also being planned to train fresh graduates to improve their scientific temperament and employability.

18. Community services:

ACHIVEMENTS OF NSS ACTIVITES DURING THE YEAR 2009 – 2010

S. No.	ACTIVITY	ACHIVEMENTS
1.	Enrolment of NSS Volunteers	69,718 Volunteers Enrolled.
2.	Adoption of Villages/Slums	693
3.	Special Cams	340 conducted
4.	Sapling Plantation	20,648 Saplings planted
5.	Blood Donation	1,548 Units of Blood donated
6.	Awareness on HIV/AIDS	No. of beneficiaries 57,168
7.	Pulse Polio Programme	No. of beneficiaries 11,582

8.	Literacy Campaign	No. of beneficiaries 7,727
9.	Health Check Up Camps	No. of beneficiaries 14,113
10.	District level POs Meetings	06 + 03
11.	Youth Leadership Training	4 YLTP programmes conducted and 240 volunteers involved.
12.	Formation and Repair of Road	62 k.m.
13.	Deputation of Volunteers for NIC Camps.	8 NIC Camps participated with 51 NSS Volunteers (22 Male and 29 Female Volunteers) along with 5 P.Os.
14.	Deputation of Volunteers for Pre-RD Camp & R.D. Camp	16 NSS Volunteers (8 Male and 8 Female) along with 1 P.O. participated in Pre-R.D. Camp. 5 NSS Volunteers (2 Male and 3 Female) participated in R.D. Parade.
15.	Conduct of Seminar/Symposium/Exhibition	1 Seminar organized on Role of the Youth in Nation Building

- On 14-15 February, 2009, Awareness Camp about Disability was organized by the Department of Psychology, Nizam College.
- On July 16, 2009, Free Dental Camp for Students and Staff of Nizam College was organized from 1PM-4PM by the Women's Cell of the College under the co-ordinatorship of Dr. I Suryakala. Three doctors from Smile Miles Dental Clinic-Dr. G. Srikanth, Dr. G. Kalyani and Dr. J. Prachi participated in the programme and checked the dental health of numerous students, class IV employees, office staff, teachers, including the Principal. They also recommended followup treatment to those who needed it.
- On March 19, 2010, Dr. I. Suryakala, Coordinator of Women's Cell organized an awareness programme "Protection of Women from domestic violence" – Act 2005. The speaker was Asst.Prof. KVK Shanti – Criminal law NALSAR Law University. She spoke about the need for increasing awareness about the Acts available for the protection of women to improve the position of women in society.
- Nizam College extended a helping hand to the flood victims by participating in the flood relief camp organized by a group of students namely, Venkatesh, Anand, Prasad, Saikrishna and I. Babu who collected a donation of Rs.10,000/- and some clothes, water packets, medicines which were distributed by them in the village Gundlabasavapuram of Mahabubnagar District.

19. Teachers and officers newly recruited:

Asst. Professors	(06)
Asst. Registrars	(06)

DEE

(01)

Filled various categories of posts for internal promotions.

20. Teaching – Non-teaching staff ratio: 707:2480 1: 3.5

21. Improvements in the library services:

- Access of Digital Documents: The University Library Digitized rare documents/manuscripts pertaining to various subjects and also provided access to the Students/Research Scholars through INTRANET.
- Awareness Programme on usage of e-resources to the students/ research scholars: The University Library has conducted User Awareness Programme in Collaboration with INFLIBNET, Ahmedabad to access e-resources and request article facility was also provided to the Students/Research Scholars of Campus/ Constituent Colleges.
- Purchase of E-Books/E-Journals: The University Library is initiating the purchase of e-books/e-journals, pertaining to various subjects/reference books and to make accessible through Intranet with in Campus & Constituent Colleges.

22. New books/journals subscribed and their value:

Total amount spent on New books/journals is Rs.20.62 lakhs for University Library/Seminar Library

a) Books:

	University Library	Seminar Library
English	2178	1277
Other Languages	1458	488
CERL	371	--
Gift		
English	200	--
Other Languages	100	--
TOTAL	4307	1765

Note: All the Books (1765) purchased for Seminar Libraries were transferred to the concerned College/Seminar Libraries.

b) Journals: (Total amount Rs.10.00 lakhs)

Indian	75
Foreign	68
Languages (Oriental)	38
News Papers	50 (OUL 18, PGL 17, Journalism 13, Commerce 2)
Magazines	83 (OUL 24, PGL 42, Journalism 13,

23. Courses in which student assessment of teachers is introduced and the action taken on student feedback:

- In all the PG courses student feed back is collected and using statistical packages the feed back is analyzed and the outcome is made to known to all the Heads of the Departments/ teachers for the betterment of teaching.

24. Unit cost of education:

Rs.64,952 (including salaries) and Rs.6510 (excluding salaries)

25. Computerization of administration and the process of admissions and examination results, issue of certificates:

The Directorate of Infrastructure, in order to fulfill the objective set forth, has come out with the following targets which have been successfully accomplished in the process of establishing e-governance in the entire University administration.

- College Information System
- Faculty information
- Admissions, schedules and vacancy positions
- Pay roll system with e-payment
- Entrance examinations schedule and results
- Hostel Administration System
- Legal Information system
- On-line archival retrieval system
- Web enabled administrative package
- Student services
- Intranet services

Further, the University has embarked upon the task of implementing automation process of the university administration. In this direction already the automation process has been initiated in the Academic Section, Pension, Pay Bills, Terminal Benefit Section. The university is taking up automation of various other sections in the administration block as given hereunder. Already meetings have been convened by the respective committee and discussions are being held with the respective in-charges of the concerned sections to elicit the information on the existing pattern of work that is being carried out in the future requirement under automation process.

Software design, development and deployment for the following sections in the administrative building is in progress:

1. Accounts/Budget Section/Income/Inspection
2. Dean, UGC and Non-UGC

3. Pre-Audit/Compilation
4. Administration Branch
5. e-filing in Dak Section
6. Stationery/Stores Section
7. Office of the Dean, College Development Council
8. Office of the Dean, Students Welfare
9. Estate Cell and Legal Cell
10. Office of the Director, Infrastructure
11. VC Peshi/Registrar Peshi/OSD Peshi

Under the automation process, the university has implemented Research Scholars Information System in all the offices of the Deans of various faculties. In addition to the automation of various sections of the administrative building, this office has implemented the E-file Tracking Management System.

- ✓ The Directorate of PG admissions has computerized the entire process of admissions like, issue of hall tickets to the entrance examination, use of OMR sheets for conduct of Entrance examinations, publication of results, conduct of counseling for admissions, etc.
- ✓ Online monitoring of daily Student attendance in all PG courses is introduced from this year.
- ✓ A separate software package was developed to collect college- wise and course-wise student information so that computerized hall-tickets can be issued to all the registered students both at UG and PG level.
- ✓ The entire process of examination work is computerized. The results and mark sheets of all the examinations conducted by the university are placed on University Website
- ✓ OLIVE data information pertaining to the qualified students of professional courses is also made available on the University Website so as to facilitate the embassies etc. to check the genuineness of the documents submitted by the candidates.
- ✓ Bills and Cheque Sections of the Examination Branch were brought under local networking system.
- ✓ Many of the administrative activities like payment of salaries, issue of affiliation orders, employees premier services are computerized.

26. Increase in the infrastructural facilities:

- To use 12 Mbps Bandwidth Connectivity from M/s. Tata Teleservices Limited, Hyderabad, providing internet for the Campus Colleges/Departments and all other Units excepting Engineering College.
- Continued in providing the link to e-journals for faculty research scholars and students of the University Campus.
- The information pertaining to circulars, G.O's, Tenders, Notices, Rate contract for Computers, Advertisements for various positions in various affiliated colleges etc, has been hosted on the University Website.

- The University has success fully adopted all modules of software with regard to payroll, and pension, P.F, Terminal Benefit, Consolidation of Pension, Medical allowance, Additional Quantum of Pension/Family Pension and Automation Process of House Building, Loan, and Marriage Loan, under Automation of University Administration.
- Activated access switches and provided internet Wi-Fi facility to Old P.G., New P.G. and NRSH Hostels.
- The University has restored all the 3 digit faulty connections in some Departments and other Units.
- The Design of new University Web Portal with detailed has been initiated and it is going to be launched shortly.
- The Software package of Students Online Attendance Management System has been implemented.
- A new server has been procured and installed for the use software packages.
- Procured Xerox Machines, Desktop systems for the use in the various sections of the Registrar's Office to upkeep the latest technology available.
- An exclusively DG Set for Server Room was sanctioned to overcome difficulties in providing uninterruptible power supply due to frequent power cuts.

Infrastructure Development Grant for SAP Departments

(For strengthening of Infrastructure in terms of power supply, water supply, safety equipments, laboratories, working tables etc. in Science, Biosciences, Agricultural Sciences and Engineering Sciences including the components of research at PG level)
Following Departments are covered under the SAP programme:

- i. Department of Genetics
Rs. 20.00 lakhs in I & Rs. 30.00 lakhs in II installment
- ii. Department of Physics
Rs. 20.00 lakhs in I & Rs. 30.00 lakhs in II installment
- iii. Department of Geophysics
Rs. 20.00 lakhs in I & Rs. 30.00 lakhs in II installment
- iv. Department of Geography
Rs. 20.00 lakhs in I & Rs. 30.00 lakhs in II installment
- v. Department of Botany
Rs. 20.00 lakhs in I & Rs. 30.00 lakhs in II installment
- vi. Department of Biochemistry
Rs. 20.00 lakhs in I & Rs. 20.00 lakhs in II installment
- vii. Department of Zoology
Rs. 20.00 lakhs in I & Rs. 20.00 lakhs in II installment
- viii. Department of Mathematics
Rs. 20.00 lakhs in I & Rs. 20.00 lakhs in II installment
- ix. Department of Astronomy
Rs. 20.00 lakhs in I & Rs. 30.00 lakhs in II installment

Infrastructure Development Grant for Non-SAP Departments

(For strengthening of Infrastructure in terms of power supply, water supply, safety equipments, laboratories, working tables etc. in Science, Biosciences, Agricultural Sciences and Engineering Sciences including the components of research at PG level)

Apart from covering SAP Departments, the UGC has also sanctioned Grants of Rs. 95.00 lakhs to the following Non-SAP Departments:

i.	Department of Civil Engineering	Rs.10.00 lakhs
ii.	Department of Electrical Engineering	Rs.10.00 lakhs
iii.	Department of Mechanical Engineering	Rs.10.00 lakhs
iv.	Department of Chemistry	Rs.25.00 lakhs
v.	Department of Statistics	Rs.10.00 lakhs
vi.	Department of Applied Geochemistry	Rs.10.00 lakhs
vii.	Department of Mechanical/Production Engg.	Rs.20.00 lakhs

The University has undertaken the following construction activity for improving the infrastructural facilities from its internal resources.

S. No.	Name of the Work	Estimate
1	Nizam College (OU), Basheerbagh- Construction of second floor over New Hostel Building under construction (AS No.3281/207/2008-09/Budget-IV, dt.27.4.2009)	Rs.1.58 crores
2	Hostels & Messes, OU - Construction of second floor for Girl students of Engineering & Technology over the Girls Hostel Building now under construction on the campus (AS No.3375/212/2008-09/Budget-IV dated 30.4.2009)	Rs.2.50 crores
3	University College for Women, Kothi (OU) - Construction of Classroom Complex over the existing first floor of Science Block Building (AS No.4093/167/2008-09/Budget-IV, dt.6.6.2009)	Rs.2.06 crores
4	University College for Women, Kothi (OU) - Construction of Classroom Complex over the existing first floor of PG Block Building (AS No.4095/167/2008-09/Budget-IV, dt.6.6.2009)	Rs.1.46 crores
5	Department of Physical Education, OU - Construction of Sports Hostel on the OU Campus (AS No.5344/214/2008-09/Budget-IV, dt.27.7.2009)	Rs.2.98 crores
6	Department of Physical Education, OU -	Rs.1.28 crores

	Construction of Gymnasium Hall on the OU Campus (AS No.5345/213/2008-09/Budget-IV, dt.27.7.2009)	
7	Nizam College (OU), Basheerbagh - Construction of first and second floor over the existing Building of Chemistry Department of the Nizam College (AS No.5346/205/2008-09/Budget-IV, dt.28.7.2009)	Rs.1.36 crores
8	PG College of Science, Saifabad (OU) - Construction of a New UG Building in the College premises (AS No.5359/218/2008-09/Budget-IV, dt.28.7.2009)	Rs.4.91 crores
9	PGRRCDE, OU - Construction of Class room complex between the velodrome and IETE in the campus (AS No.5348/210/2008-09/Budget-IV, dt.28.7.2009)	Rs.3.25 crores
10	Examination Branch, OU - Construction of New Building in place of old shed in the Examination Branch premises (AS No.5357/188/2008-09/Budget-IV, dt.28.7.2009)	Rs.2.62 crores
11	University College for Women, Kothi (OU) - UGC Grant in aid for Construction of Girl Hostel Building in the premises of College (AS No.6615/170/2009-10/Budget-IV, dt.12.10.2009)	Rs.1.30 crores

27. Technology up gradation:

As a part of technology up gradation programme the University has established its own web server, mail server, database server and domain server. We have been procuring dedicated Internet bandwidth connectivity and recently the Tender Committee has recommended for procurement of 12 Mbps internet connectivity through M/s. Tata Teleservices Limited, Hyderabad for distribution to all the departments in the campus and also to all the constituent colleges of OU. We have also established Internet connectivity at Osmania University Center for International Placements and University Building Division. The University has evolved a centralized system for procurement of computers and its peripherals for all the colleges/departments including the constituent colleges of Osmania University.

Under the ERNET programme through INFLIBNET we are in receipt of 2 Mbps internet connectivity exclusively for subscription of e-journals for access to the faculty, research scholars, and students of our University. Many of the teachers, research scholars and students have expressed utmost satisfaction of the e-journals programme and are benefiting to a great extent. We have also hosted information pertaining to Research publications of the University teaching staff of various colleges/departments under "OU Research Publications' link.

Under Intranet services we are hosting information pertaining to OU Archives, Information of computers, Inspection Reports, University Committees, Tender notices (Rate Contract) of Administrative Building and other campus/constituent autonomous colleges like University College of Engineering, etc. We have successfully implemented on-line cheques printing in PF Section and also software for pension payment. In addition to issue of ID Cards to the entire staff of the University, the process for issue of ID cards to Hostel Boarders has been taken up.

The Directorate of Infrastructure had taken up a project for Campus Wide Networking and the Phase-I of the project is almost complete. The connectivity through Optic Fiber Cable has been extended throughout the campus to all the colleges/departments by installing Core Switches and Distribution Switches at specified places to meet the requirement of Internet access to all the departments for the benefit to students, research scholars and the faculty who can avail the internet and intranet facilities.

NET CONNECTION TO HOSTELS

- All the 26 hostels in the campus are covered under Fiber Optical Cable Network with 1 Mbps switch at each hostel.
- Wireless hotspot connectivity can be used at the hostels to access Net, e-learning material and University Research Repositories, etc.

USE OF INFLIBNET AND INDEST CONSORTIUM

Under the ERNET Program through INFLIBNET (UGC-INFONET) the university is in receipt of 2 Mbps internet connectivity exclusively for subscription of e-journals for access to the faculty, research scholars and the students of our university. Many of the teachers, research scholars and students have expressed utmost satisfaction of the e-journals program and are benefiting to a great extent. We have also hosted information pertaining to research publications of the university teaching staff of various colleges/departments under “OU Research Publications” link.

Further, the university has been identified by AICTE for the sponsorship of indet consortium for receiving the following e-journals which are mostly used by the students, research scholars and faculty of the Colleges of Engineering, Technology and Sciences.

- J-GATE Journal
- ASCE Journal
- IEEE Journal
- ASME Journal

High Power Server Room has been developed with the following facilities

- Osmania University Portal Server
- Web Hosting Server (Affiliated Colleges Information)

- Learning Management System Server (to run web courses)
- OU Digital Library Archiving Server
- OU EMMRC Archiving Server (to host video lessons)
- Research Repository Servers
- Web Course Repository servers
- English Language Laboratory (communication skills)

28. Computer and internet access and training to teachers and students:

The University laid optical fiber networking connecting the entire campus.

- The university has excellent computational and connectivity facility backed by Internet connectivity of 512 kbps through RF link, and 2Mbps ERNET network.
- Inter-departmental connectivity is provided through ADSL
- Amrita Viswa Vidyalaya, Coimbatore under joint Indo-US education program with the support from ISRO and TIFAC(DST) has been networked with University college of Engineering, OU
- University college of Engineering has been adopted as remote center for distance education programs offered under C-DEEP by IIT Mumbai.
- Almost all the departments have provided access to the Internet to the students, Research Scholars and Teachers round the clock.
- Some of the departments have established separate computer labs with networking facility for the usage of students
- Training programmes for both teachers and non-teaching staff on usage of computers are organized by the Academic Staff College

29. Financial aid to students: 10.00 lakhs

30. Activities and support from the Alumni Association:

Alumni of 90 years old Osmania University have distinguished themselves at the national and international levels. They 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 focus is on

- Broad basing the membership
- Increasing the paid membership
- Strengthening the resources and organizational framework
- Increasing the Awareness and impact of the Alumni Association through well planned activities / approaches.
- Involving More Alumni and Students (Prospective alumni) in the activities of the Association.

- Creating a virtual Alumni Association through web based initiatives

American Chapter of the Association, headed by Mr. Medi Harinath, USA came forward to fund certain projects in the University. The first project identified and funded is the establishment of computer laboratory with 50 computers at Arts College, OU. The estimated cost of the project is Rs.40.00 lakhs. The American Chapter also agreed to fund a few more projects.

One of the dream projects planned by the Alumni association is to establish Alumni House. The proposed alumni house will have a guest house with dining facilities and a mini Conference hall for organizing the Association meetings. The foundation stone for the building has been laid recently and the work is in progress.

31 Activities and support from the Parent-Teacher Association:

Regular interaction between parents and teachers does take place in some departments and colleges for specific purposes based on academic and administrative needs.

32. Health services:

- ✓ Increased the Annual Budget for purchase of medicines to Rs.27.00 lakhs per annum.
- ✓ Increased the laboratory facilities by purchasing the Digital Colorimeter.
- ✓ Dispensed some latest Cardiac and Diabetic Drugs.

During the Swine flu viral Epidemic, the Doctors at the Health Centre, visited all the Hostels and conducted awareness programmes and succeeded in overcoming the most difficult period. An Audio Visual Power Point Presentation and a lecture was arranged by the Deputy Director, Institute of Preventive Medicine, Hyderabad

The UGC Committee visited last year was very much satisfied and was very kind enough to grant additional funds for the upliftment of facilities at the Centre.

33. Performance in sports activities:

Many students of our University participated and won laurels in National and Inter University Tournaments and Sports Meets. They participated in the following events: Tennis, Soft Ball, Korf Ball, Chess, Judo, Gymnastics, Cricket, Archery, Body Building, Power Lifting, etc.

ALL INDIA INTER UNIVERSITY TOURNAMENTS:

- | | |
|-------------------|-------------|
| 1. Tennis (Women) | FIRST PLACE |
| 2. Gymnastics | ONE GOLD & |

	TWO SILVER
3. Best Physique	THREE SILVER
4. Power Lifting	ONE GOLD ONE SILVER ONE BRONZE
5. SOFT Ball (Men)	SECOND PLACE

34. Incentives to outstanding sportspersons:

The University has a unique and innovative scheme of encouraging outstanding sportsmen who bring laurels to the University, State and the Country. Meritorious Sports Persons are given Cash Awards every year for their achievements. For players who have secured places in the All India Inter University Tournaments, the following are the Cash Awards

FIRST PLACE:	Rs.5,000/-
SECOND PLACE:	Rs.3,000/-
THIRD PLACE:	Rs.2,000/-

For inter College Tournaments in Men & Women the following incentives are given to the first 3 Championship Colleges.

For Men & Women:

FIRST PLACE:	Rs.10,000/-
SECOND PLACE:	Rs. 5,000/-
THIRD PLACE:	Rs. 3,000/-

Besides the above the players/teams are given one Track Suit, one (pair of shoes, one Blazer with crest (for each player), required sports material and playing kits (for each team)

The 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 Award Incentives, the players are eligible to seek admission under Sports Category in respective courses. They are provided with sports kit and cash awards by the respective colleges. Proficient players are also eligible for fee waiver in certain colleges.

35. Student achievements and awards:

- Mr. T. Vijay Kanth, a final year student (Theatre Arts) drove a scooter blindfold, from 1.1.2009 to 17.1.2009. He covered 4085 kms encompassing 23 districts. He broke the earlier record which was for 3186 km. His feat is being considered for inclusion into the Limca Book of Records and the Guinness Book of World Records.
- Mr. D. Ramesh, M.A. Final, Dept. of Telugu has represented AP State in National Cricket Tournament at Jalgaon (Maharashtra) for the blind as Captain of the Team and won the Man of the Match Award with Certificate , Trophy and Cash Prize of Rs.1,000/- and selected to South India Cricket Team.
- Mr. M. Chandra Sekhar Chowdary, MA Previous, Dept. of Telugu has represented AP State in National Cricket Tournament at Jalgaon (Maharashtra) for the blind and won the Man of the Series Award with Certificate , Trophy and Cash Prize of Rs.1,000/-
- Mr. Suresh Reddy, M.Sc. Geophysics, II year has been awarded First Prize for the Best Presentation in the National Seminar, March 2009
- Ms. Mishra, M.Sc. Previous has been selected for Summer Training Programme 2010 to be held from June 1-30, 2010 at Keshava Deva Malaiya Institute of Petroleum Exploration, Dehradun, Uttarakhand.
- Students of PG College of Law have been participated in Moot Court competitions held at Patna (Bihar) and NALSAR and reached up to Semi Finals
- Mr. Ansul Gupta, Dept. of Microbiology has won second prize at National Science Day Poster Presentation on 26.02.2010.
- Mr. Mohammed, Dept. of Microbiology has won the Table Tennis Competition organized at Univesity.
- Mr. Ansul Gupta, Dept. of Microbiology has won second prize in Badminton in University Competition.
- Ms. Tara, Dept. of Microbiology has won Badminton Competition in Osmania University
- Ms. Anuradha, Ph.D. Scholar, Dept. of Genetics has been awarded Best Poster in International Conference of XXXIV ISHG, New Delhi in March 2009.
- 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. Sowmya, Dept. of Genetics has participated in Senior National Judo Competition in Lucknow in March 2009.
- Ms. GNVR Chandrika, M.Sc. Genetics has been awarded UGC-CSIR Lecturership 2010
- 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)

- Two students from the Dept. of Electronics & Communication Engineering secured III and VI rank in All India Gate Examination.
- Four students from the Dept. of Electronics & Communication Engineering secured admission in IISE Bangalore for PG Programme.
- Two students are working as “Stop-gap” Counselor at ‘SAHAYAM’
- Ms. Alekhya Kiran and Mr. Likith Chand, Dept. of Civil Engineering have been selected for Summer Training at IIT Delhi for 42 days.
- Mr. Anjaneyulu and Mr. Suman, Dept. of Civil Engineering got admissions for ME Structures in IISc, Bangalore.
- Mr. Venkatesh, Ms. Bindu, Mr. Hemanth, Ms. Madhuri, Dept. of Civil Engineering have been selected for Summer Training at Lanco Hills.
- Ms. Sravanthi, Ms. Rajyalakshmi, Dept. of Civil Engineering have been selected for Summer Training at AARVEE Associated.
- Mr. Y. Srinivas Reddy, Mr. YVG Santosh of III year, Dept. of Civil Engineering got second prize in Paper Presentation at IIT Roorkee.
- Bharat BA III, Nizam College has won First Prize in Essay Writing Competition.
- Inter and Shilpa MBA, Nizam College have won First Prize in AD-Marketing Competition at Aurora Engineering College.
- K. Manoj Kumar, V. Anvar Kumar and S. Vamshi, MBA, Nizam College have won First Prize – Rs.5,000/- Cash at “Aarohan 2008” Mock Trumpet (Marketing) Contest organized by Bharat School of Management.
- Rakesh & Ratnateja, MBA, Nizam College, have won Second Prize in the event Trade War at the Inter College Management Meet “Anveshana 2009” at Aurora PG College.
- Mohd. Nadeem Adil, B.A.III, Dept. of Urdu won Second Prize in Elocution Competition conducted by the Anti Corruption Bureau, Andhra Pradesh, at Arts College, OU, Dec.2008
- Inder and Shilpa, MBA, Nizam College won First and Third Place in HR event at Aurora Engineering College.
- Inder, Santosh, Gopal and Shilpa, MBA, Nizam College won Second Prize in the marketing Event at the Management Meet organized by Pendekanti Institute of Management.
- Venkatesh and Anand, B.A. (Telugu) III year, Nizam College won Third Prize in the Quiz Competition organized by Kinnera Arts on the Occasion of Its 33rd Anniversary.
- Venkatesh, Anand, Srinath, Srinu and Laxmikanth Reddy, BA (Telugu), Nizam College won Second Prize in the Quiz Competition organized by AP Aids Control Society, Hyderabad.
- B. Ramesh, Degree Final year, Nizam College, a visually challenged student was the topper in the recently held inter Colleges Chess Championship; he won a Silver Medal in the Competition sponsored by National Olympic Association of India and stood in the seventh place in a competition organized by Tamil Nadu Chess Association for Blind, 2009

- Delip, Yadagiri and Srini, BA (Telugu), Nizam College have won second prize in the Inter College Cross Country 12 and half kilometers running race organized by OU.
- M. Ramesh, BA (Telugu), Nizam College has won Third Prize in the Inter Zone Tennikoit Competition.
- 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 $[CH_2Co(en)_2NH_3]$ 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.
- A. Vennela, Dept. of Chemistry was awarded PG Indira Gandhi Scholarship for Single Girl Child.
- Siva Prasad, Dept. of Chemistry was awarded Jawaharlal Nehru Centre for Advanced Students Research Fellowship.
- 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 1 gene polymorphism in the Development of Breast Cancer.
- Lanka Sateesh, Research Scholar, Microbiology awarded Best Poster 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.
- A team of 25 students of the Dept. of Mechanical Engineering are designing and fabricating a car for participation in BAJA International Car racing.
- 3 students from the III year of the Dept. of Mechanical Engineering are selected for internship at Tata Advanced Systems with a stipend of Rs.6,000/- per month (first time in dept and college)
- Ten students from B.Ed college got Pratibha Award Scholarship from AP Government.

36. Activities of the Guidance and Counseling unit:

Sahayam, Osmania University Psychological Counseling Center was inaugurated by Honorable Vice Chancellor Prof. T. Tirupati Rao on 6th February 2010. This is an initiative put forth by the Vice Chancellor after recommendations were made by NAAC to set up psychological counseling services for the campus. Sahayam serves the university community and provides psychological counseling services, trainings and awareness programs on various issues related to positive mental health and wellbeing.

The services provided at Sahayam have included psychological counseling, psycho-education, providing outreach services and educating the university community about management of psychological issues as needed.

Psychological Counseling: 60 students and staff have been provided individual counseling services for several sessions. The presenting concerns of the clients of Sahayam have included depression, anxiety, stress, relationship breakup, concentration problems, family problems, marital problems, anxiety related disorders, academic problems, problems related to negative thinking, fear of public speaking, poor self confidence, sleep problems, and suicidality. Students were seen for 30-45 minutes sessions typically once a week or twice a month. In addition, about 100 people who requested information have been provided the same regarding Sahayam and the available psychological counseling services in the community of Hyderabad and Secunderabad.

Training of psychology students: Students from the department of Psychology were provided training on suicide prevention and increasing awareness. They were trained to be “trainers” so as to be able to provide suicide prevention awareness programs to the university community. About 25 students from the psychology department participated in this training program.

Suicide awareness training: A suicide prevention training was conducted in three campus hostels on May 4th 2010 from 5 to 6 pm for 210 students. The trainings for students were conducted simultaneously by the students from the department of psychology and the staff of Sahayam. At Krishnaveni hostel, a student from MA I, conducted the training program alongside Prof. C. Beena. At Kaveri hostel, a student from the PG Diploma in Counseling program conducted the training program along with Dr. Diana Monteiro. At the Women’s hostel, two, students from MA I, conducted the training, with Aarathi Selvan, Psychological Counselor from Sahayam. In addition, about 15 students of the psychology department were also present to offer support and help in the smooth conducting of the training sessions.

Student Advisory Council

All colleges/Departments have Student Advisory Councils with a faculty member heading it as a Student Advisor. The Student Advisory Council will consist of some nominated student-members representing all the classes. The student-members are nominated on the basis of their merit in their respective classes.

The Student Advisor will help students starting from the initial problems at the time of their entry to the career planning in due course. The Advisory Council offers help to students on a variety of issues and practical problems related to academic, administrative, disciplinary, personal, social or emotional. All the members of the Council shall work under a code of confidentiality. The counseling will be either at individual or group level on issues such as stress management, confidence building, creative expression, and many more as required from time to time. The council also arranges for workshops, presentations and some interactive sessions to help the students with job hunting procedures and provide more information about the opportunities. The council will arrange for the smooth flow of information from and to the administration and the department. The council shall also be responsible and work for the maintenance of cordial and harmonious relationship between the staff and students in the department/college.

Lady Counselor

Woman-faculty members are entrusted with the counseling responsibility for girl students at any time during the college hours. At least one counselor faculty will be available in the office to guide the students through the problems, if any. Counseling for girl students provides an opportunity to talk to some experienced and friendly lady faculty about some of their issues that crop up during their stay in the college

campus. The counselor allows them to focus on difficulties which may be interfering with their personal and academic development. It can also help them in understanding the situation and deal with their emotions and feelings. Counseling can also help them to manage and cope better with their problem and work towards possible solutions. Counseling is going to be offered in confidential manner. The girl students are advised to contact the counselor faculty members for further information and help.

All the colleges/Departments are provided with grievance boxes where the students can drop their grievances if any. The student's councilors shall monitor and attend to these grievances on weekly basis.

Mentoring System:

The University has introduced Mentoring System from this year. Each faculty member is allotted some students. The teachers arrange for meetings of the students allotted to them, once in fifteen days and discuss about the problems and advice them on all academic matters.

The "Employment and Guidance Bureau" of the university advises the students about careers to pursue. It also arranges meetings with entrepreneurs to explore placement opportunities for students. There are also Placement Officers in almost all the colleges.

37. Placement services provided to students:

Osmania University has taken several initiatives and introduced several innovative programmes. Osmania University has established a Directorate of Placement Services with the objective to facilitate the students of Campus, Constituent and Affiliated Colleges with the employment related information as per their requirement and qualifications. In this endeavor the Directorate will advice all the Colleges under its jurisdiction to register with this Office and coordinate the placement activities of various companies, institutes and organizations.

- Mr. B. Murali, Dept. of Geology got selected in Hindustan Zinc Limited as Trainee Geologist
- Mr. M. Shankaraiah, Dept. of Geology got selected in Hindustan Zinc Limited as Trainee Geologist
- Sterling Oil & Gas wasn't to visit Dept. of Geology in the second week of May 2010 for conducting Placement interviews
- Mr. CVN Geetha Soujanya, K. Uday Bhaskar, S. Tejaswi, M. Soundarya, Dept. of Biomedical Engineering have been selected in Infosys
- Srilakshmi Dhurjati, S. Tejaswi, M. Soundarya, Dept. of Biomedical Engineering have been selected in CTS
- M. Aravind, Srilakshmi Dhurjati, S. Tejaswi, Dept. of Biomedical Engineering have been selected in Wipro Technologies

- B. Dinesh, Arthi, K, Dept. of Biomedical Engineering have been selected in Orbees Infolabs India Pvt. Ltd.
- Mr. CVN Geetha Soujanya, K. Uday Bhaskar, Dept. of Biomedical Engineering have been selected in Delloitte Consulting India Pvt. Ltd.
- Mr. Munawwar Hussain, Mr. Mohd. Abdul Aleem, Mr. Mphd. Abdul Samee, Mr. Fareedul Zaman, Dept. of Arabic have been selected for Genpact
- Mr. Mohd. Mukhtar Ahmed, Dept. of Arabic has been selected for Google
- Mr. Mohd. Maseehullah, Dept. of Arabic has been selected for HDFC Bank.
- Mr. Ajit Samantary, B.A. PSM, Nizam College has been selected for Safal Solutions.
- Ms. Anitha B.S.MPE, Nizam College has been selected for Verizon Data Services
- Ms.Y. Ashwini and Ms. P. Madhu Latha B.Sc. MEC Nizam College have been selected for Accenture
- Ms. Vijetha B.Sc. Nizam College has been selected for Wipro (WASE Program)
- On February 01, 2010, 80 students attended; Mr.Sk. Jabbar Ahmed B.Sc.Mb.G.C., Ms.P. Sruthi Kirthi, B.Sc.MECS, Mr. MB Satish, B.Sc.BZC and Rajesh, BSc. Stats , Nizam College have been selected Genpact.
- On 23, February, 2010, 143 students attended; Ms. T. Harshali, B.A, Mr. Inamuddin, B.Com, Mr.G. Srikanth, MBA, Mr. Rakesh Reddy, MBA, Mr. M. Pavan Kumar, MBA, Mr.M.V. Abhinav, BCom, Mr.T. Ravi Tej, B.Com, Mr. Shandilya, B.Com, Mr. KP Chaitanya, B.Sc., Ms. B. Sravani, B.Sc., Ms. Revathi Sravya, B.Sc., Mr. Jaya Bharat Reddy, B.A., Ms. Mounika Gupta, B.Sc. Ms.V. Swati, B.Sc, Mr.Ramu, Ch, B.Sc, Ms.K.Sunanda, B.Sc., Ms. Srilatha, B.A. Nizam College has been selected for Cognizant.
- On Febryart 25 , 2010, 94 students attended, Ms. Satya Kiranmayee, G, M.Com, Mr.U.Mahender Babu, B.Com, Ms. Sruthi Rajamani, B.Com, Shandilya, B.Com Nizam College has been selected for Brtoadridge Financial Solutions.
- On March 19, 2010, 100 students attended, Ms. Jai Shri Lakshmi, Ms. B. Deepika, Ms.Jyitgsaba Rani Panda Nizam College has been selected for Dr. Reddy's Laboratory.
- On April 7, 2010, 90 students attended, 18 were selected for Infosys BPO.
- On April 8-9, 2010, 172 students attended, 40 were selected for IDBI Bank.
- Dept. of Psychology, Nizam College, 8 students of BA Marketing were plaed in Neeraj Multimedia Lab as Multimedia Executives.
- The following students of Nizam College were selected in DSC: Vara Kumar, Laxman, Vara Lakshmi, Chenamma and Civil SI: Sreenu, Venkanna, Rambabu.
- G. Chiranjeevi, SC, M.Ed. (2009-10) selected as Government Teacher at Karimnagar (studying with full salary)
- P. Mamatha, M.Ed. (2009-10), appointed as School Asst (Maths) at ZPHS.Tholkatta, Moinabad Mandal, RR Dist.
- M. Sumitra, M.Ed. (2009-10), appointed as School Asst (Maths) at ZPHS Angadichittampally, Pudur Mandal, RR Dist
- K. Swarnakantha, M.Ed. (2009-10), appointed as School Asst (Maths) at ZPHS Kollapadkal, Maheswaram Mandal, RR Dist.

- M. Padmalatha, M.Ed. (2009-10), appointed as School Asst (Maths) at ZPHS Aloor, Chevella, RR Dist.
- D. Nagalatha, M.Ed. (2009-10), appointed as School Asst (Physical Sciences) at ZPHS (G), Nirmal Mandal, Adilabad Dist.
- A. Esther Rani, M.Ed. (2009-10), appointed as School Asst (Bio Sciences) at ZPHS Ghattu, MP Ghattu, Mahabub Nagar Dist.
- Dr. Pavana Jyothi, Research Scholar, Dept. of Microbiology got selected for Gitam University, Vizag.
- Lakshman, Dept. of Statistics got selected for ISRO.

38. Development programmes for non-teaching staff:

- A two day work shop on Stress Management and Communication Skills has been organized for Women Assistant Registrars, Superintendents and Senior Assistants in July, 2009
- Periodic Training Programmes on the usage of computers in day to day administration for Junior Assistants and Senior Assistants are organized.
- A Training programme for Accountants is organized on financial and accounts matters
- On May 27, 2009, a programme for the Support Staff of the College on “Motivation for better performance in the Workplace” was organized. Eminent speakers, Prof. Vishwanathan (Telugu) and Mr. Syed Ghouse (Urdu) spoke on the theme. The participants were deeply impressed and suggested that such programmes should be conducted on a regular basis for the employees of the college.
- On July 8, 2009, workshop on “Professional Etiquette and Ethics” for Non-Teaching Staff was conducted. The Chief Guest was Sri J.Ram Babu, IAS, Chairperson, AP State Financial Corporation. Two lectures were delivered by Sri Venkat Ramana, Director, VSIT and Sri Tirumala Reddy, Consultant and Corporate Trainer.

39. Healthy practices of the institution

- Appointment of students’ advisory councils and lady counselors.
- 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 Choice Based Credit System (CBCS)
- Introduction of Compulsory Add on courses
- Introduction of single identity card for students to be used at college, library and hostel.
- Strict adherence to academic schedule
- Online monitoring of student attendance
- Focused programs through centers of excellence
- Opportunities to acquire soft skills
- Ensure objective evaluation of the students through Grading System

- 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 Officer for all round welfare (Academic or otherwise) of the students.
- SC/ST Cell helps 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

40. Linkages developed with National / International, academic / Research bodies:

S.No.	Name of the Organization
1	Emergency Management Research Institute, Secunderabad
2	Nuclonix Systems Pvt. Ltd. Hyderabad
3	Dr. Reddy's Foundation for Health Education, Hyderabad
4	Innova Institute of Allied Health Sciences, Hyderabad
5	DOCTUS, Hyderabad
6	Medwin Institute of Medical Sciences, Hyderabad
7	Lifetime Wellness Rx International Ltd. Hyderabad
8	AP Aviation Academy, Hyderabad

41. Any other relevant information the institution wishes to add:

- Osmania University, is the first State University in the Country to be bestowed with a grant of 15 crores under DBT funding. Seven departments (Biochemistry, Botany, Genetics, Zoology, Microbiology, Center for Plant Molecular Biology and Institute of Genetics and Hospital for Genetic Diseases) have been identified to participate in this interdisciplinary programme.
- The Central Facilities is offering a host of facilities viz., scientific laboratories, e-class rooms etc. In addition to these facilities, the Central Facilities has recently completed the establishment of scholars computational lab wherein forty numbers of desk top systems have been installed for the use of scholars. Further, the Central Facilities has procured many software packages for statistical analysis, mathematical

modeling and chemical analysis etc and have been installed in the server. The scholars can make use of all the software packages and gain lot of knowledge by use of the computerized software packages for purely research purposes. The following equipment is available in OUCF:

NMR 400 MHZ Spectrometer
Confocal Microscope
FTIR Spectrophotometer
UV-VIS Spectrophotometer
HPLC System
AKTA Purifier
Liquid Scintillation Counter
Ultra Centrifuge Beckman
Liquid Chromatography and Mass Spectrometer

- EMMRC achieved Best Educational Video Film Award for the programme “Global Warming” in the UGC-CEC Educational Video Competition 2008. EMMRC is associated with National Mission on Education through Information Communication Technology (NME-ICT), MHRD Project, Government of India, for production of e-Content Programmes. As a part of National Viewership Survey on ‘Vyas’ Higher Educational Channel, AP State was allotted to EMMRC, OU.

Part C

PLANS OF OSMANIA UNIVERSITY FOR THE NEXT YEAR

Introduction of Semester System at Under Graduate Level

The University is contemplating to introduce Semester System at the Under-Graduate level from the academic year 2011-12 onwards. A Committee of Deans is appointed to workout the modalities for introduction of semester system at UG level. The long-term objective is to extend the choice-based credit system to the UG courses.

Strengthening of Autonomous Colleges

With a view to further strengthen the system of autonomy; the University has decided to grant autonomy to the PG courses in the existing autonomous colleges from the current academic year 2010-11 onwards.

Strengthening of continuous evaluation system of students

The university is planning to strengthen the continuous evaluation of the students by increasing the weightage of marks given for continuous evaluation from the present 20% to 30%. Further, measures such as seminars are introduced to enhance the quality of continuous evaluation.

Introduction of Project Report in all PG courses

It is made mandatory on the part of the student to submit a project at the end of IV Semester in all PG courses under the Choice Based Credit System from the current academic year 2010-11.

Introduction of Schools of Studies

To make the Choice Based Credit System already introduced by the University for Post-Graduate Students admitted into the University from the Academic year 2009-10 much more meaningful, the University is contemplating to organize the related Departments into various Schools of Studies such as School of Life Sciences, School of Earth Sciences, School of Physics, School of Chemistry, School of Humanities, School of Social Sciences, School of Management Studies etc. from the next academic year. Already the University has constituted a Committee of the Deans of various Faculties to work out the modalities for introducing the School Concept in the university.

Entrance Examination for Ph.D. Admissions

The University has finalized the guidelines for admissions into Ph.D. programme of various Departments of the University. These guidelines are prepared by a Committee of the Deans of various faculties keeping in view the UGC guidelines in this regard. The University has conducted eligibility test for admissions in to Ph.D. programme for the academic year 2009-10.

Strengthening of the Course work of Ph.D. programme

The University is in the process of further strengthening the course work of Ph.D. programme. It is further decided to make it mandatory for the scholars to present three seminars before the thesis is submitted.

Improvement of employability skills of students

The University is in the process of entering into MoU with the National Association of Software Companies for introduction of a programme known as Global Business Foundation Skills to improve the employability skills of the students pursuing final year of the UG programme.

Name & Signature of the Coordinator, IQAC

Name & Signature of the Chairperson, IQAC