

Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	OSMANIA UNIVERSITY
Name of the head of the Institution	Prof. S. Ramachandram
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04027098043
Mobile no.	9491382932
Registered Email	vc@osmania.ac.in
Alternate Email	vcosmania@gmail.com
Address	Prof. J. Ananthaswamy Administrative Building Osmania University
City/Town	Hyderabad

State/UT	Telangana																														
Pincode	500007																														
2. Institutional Status																															
University	State																														
Type of Institution	Co-education																														
Location	Urban																														
Financial Status	state																														
Name of the IQAC co-ordinator/Director	Prof. R. Nageswar Rao, Prof.B.Sireesha																														
Phone no/Alternate Phone no.	+918331997147																														
Mobile no.	9391021853																														
Registered Email	director.iqac@osmania.ac.in																														
Alternate Email	iqacou@hotmail.com																														
3. Website Address																															
Web-link of the AQAR: (Previous Academic Year)	https://www.osmania.ac.in/iqac/Annual%20Reports/AOAR%202018-19_new.pdf																														
4. Whether Academic Calendar prepared during the year	Yes																														
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.osmania.ac.in/admissions-acadcalender.php																														
5. Accreditation Details																															
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accreditation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>A+</td> <td>3.52</td> <td>2017</td> <td>12-Sep-2017</td> <td>11-Sep-2024</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.31</td> <td>2008</td> <td>04-Feb-2008</td> <td>11-Sep-2017</td> </tr> <tr> <td>1</td> <td>Five Star</td> <td>76</td> <td>2001</td> <td>21-May-2001</td> <td>03-Feb-2008</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accreditation	Validity		Period From	Period To	3	A+	3.52	2017	12-Sep-2017	11-Sep-2024	2	A	3.31	2008	04-Feb-2008	11-Sep-2017	1	Five Star	76	2001	21-May-2001	03-Feb-2008
Cycle	Grade	CGPA	Year of Accreditation	Validity																											
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3	A+	3.52	2017	12-Sep-2017	11-Sep-2024																										
2	A	3.31	2008	04-Feb-2008	11-Sep-2017																										
1	Five Star	76	2001	21-May-2001	03-Feb-2008																										
6. Date of Establishment of IQAC	05-Mar-2005																														

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Paramarsh Workshop	26-Aug-2019 2	15
NAAC AWARENESS PROGRAMME	16-Jul-2019 1	95

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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
University	RUSA	MHRD	2019 365	100000000
University	PURSE	DST	2017 1095	81000000
University	Category I	UGC	2017 1825	0
University College of Education	PMMNMTT	MHRD	2019 365	90000000
College of Engineering	TEQIP-III	MHRD	2017 1095	70000000
Department of Chemistry	DRS-II	UGC	2019 730	748839
Dr. Ram Raj Mathur	A HPC Software suite for seismic imaging to aid oil and gas exploration	CDAC	2019 1460	4425000
Dr. K. Sriram	Constraining the comptonization regions in X- Ray binaries	ISRO	2019 730	2400000
Prof. K. Ulganathan	NETWORK PROJECT ON NIGER	ICAR	2019 730	2639160
M.Vijjulatha	Development of Molecular based novel inhibitors on signalling with	CSIR	2019 730	1864960

focus on P13K-
AKT-Mtor
Pathway

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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View Link](#)

10. Number of IQAC meetings held during the year :

1

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

No

Upload the minutes of meeting and action taken report

No Files Uploaded !!!

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

Yes

If yes, mention the amount

466000

Year

2020

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. Implementation of quality enhancement initiatives . 2. Assistance in the accreditation process. 3. Focused on holistic development of students through participation in green activities, international days and also in department fests. 4. Organization of faculty development programs. 5. Guidance and support for research and publication and encouraged staff to publish papers only in UGC recognized peer reviewed Journals and in Conferences, seminars and workshops.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
To increase the number of extracurricular activities/ to observe and celebrate National and International Days with greater enthusiasm.	Accomplished.
Encouraged staff to publish more Scopus, Web of Science, Peer Reviewed	Accomplished.

journal publications.	
Created a system for tracking and monitoring progress towards the set targets throughout the semester.	Accomplished.
Encouraged staff and students to attend or participate Field trips, academic tours, botanical tours, study tours and industrial tours	Accomplished through arrangement of industrial and botanical and other tours
Structured feedback from all stakeholders.	Accomplished
Encouraged staff to prepare Moocs and online Econtent courses.	Many teachers were prepared Moocs and Econtent on their subjects.
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Quality Advisory Committee	11-Mar-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
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16. Whether institutional data submitted to AISHE:	No
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	In silos. The University has a Student Information System, Faculty Information System, Admission Management Software, Examination Management Software, etc.Other Information/Management systems are being integrated.
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Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MA	008	Arabic	31/07/2019
MA	009	English	31/07/2019
MSc	516	Biotechnology	31/07/2019
MSc	517	Genetics	31/07/2019

BSc	460	Electronics	31/07/2019
MCom	408	M.COM	31/07/2019
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Food Technology	31/07/2019	804	31/07/2019
Mtech	Chemical Reaction Engineering	31/07/2019	809-001	31/07/2019
Mtech	Plant Design	31/07/2019	809-101	31/07/2019
PG Diploma	Functional Hindi and Translation	31/07/2019	028	31/07/2019
MA	Islamic Economics	31/07/2019	204	31/07/2019
MA	Functionaol Kannada	31/07/2019	404	31/07/2019
BTech	chemical Engineering	31/07/2019	802	31/07/2019
BTech	Textile Technology	31/07/2019	803	31/07/2019
Mtech	Process Dynamics & Controls	31/07/2019	809-201	31/07/2019
Mtech	Environmental Engineering	31/07/2019	809-301	31/07/2019
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
PG Diploma	Data Science(Distance Mode)	31/07/2019
MA	Public Administration(Distance Mode)	31/07/2019
LLM	Human Rights Law	31/07/2019
LLM	Criminology & Criminal Justice System	31/07/2019
BCom	Business Analytics	31/07/2019
PG Diploma	Insolvency and Bankruptcy Law	31/07/2019
PG Diploma	Modern Corporate Laws	31/07/2019

PG Diploma	Applied Human Rights	31/07/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	All Programmes	31/07/2016
BEd	All Programmes	31/07/2016
MA	All Programmes	31/07/2016
MSc	All Programmes	31/07/2016
MCA	All Programmes	31/07/2016
MBA	All Programmes	31/07/2016
ME	All Programmes	31/07/2016
MPEd	All Programmes	31/07/2016
ME	All Programmes	31/07/2016
Mtech	All Programmes	31/07/2016
MLibISc	All Programmes	31/07/2016
MCom	All Programmes	31/07/2016

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Life Skills Yoga	31/07/2017	100
Communicative English Soft Skills (Add-on course)pective	31/07/2017	70
Human Values Professional Ethics (Add-on course)	31/07/2016	70
PERSONALITY DEVELOPMENT AND COMMUNICATION SKILLS	31/07/2017	80
Paper : (BC 301) : ENTREPRENEURAL DEVELOPMENT BUSINESS ETHICS	31/07/2017	70
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BEd	EDN-07 a Paper-VII (a) Observation Record (Observation of Regular Teachers Teaching)	80
MSc	Zoo_406T Project	60
MSc	Project in TA, only for	60

	students who select TA as elective - I	
BE	Summer Internships for BEBME	60
LLB	MOOT COURTS, OBSERVATION OF TRIAL, PRE-TRIAL PREPARATIONS AND INTERNSHIP	60
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

As indicated, feedback mechanism helps the institution for continuous development. In this regard Osmania University has a well established feedback mechanism that obtains from the students at the end of the semester. Feedback forms are designed and approved by the standing committee of the Osmania University. The form consists on 5 point likert scale i.e. 1. Poor 2. Satisfactory 3. Good 4. Very good 5. Excellent. The feedback form has divided into 4 sections. 1. Feedback on the course, which includes relevance of the course to the subject, extent of inclusion of latest developments, organization of the syllabus, balance between the aspects such as theory vs practice vs computation etc. 2. This section covers the feedback on the teachers. This includes punctuality of the teacher, teacher's knowledge on the course content, clarity of the thought expression of the teacher, ability of the teacher to make think and thought provocation by the students, ability of the teacher to manage the class, interaction between the students and the teacher, the manner, which the syllabus is covered and the overall rating of the teacher. 3. This section has focussed on the Department. This includes organising student seminars, guest lecturers/ invited lectures, class room infrastructure such as OHP, LCD, Projectors etc., laboratory facilities, utilities such as drinking water, toilets, response of the supporting staff and overall class room experience. 4. This aspect covers feedback on the college infrastructure. This includes the activities related to games and sports, extracurricular activities in the college, functioning of the placement cell in the college, internet facility in the college, examination system, hostel and mess facilities, overall response and functioning of the college and overall learning environment on the campus. The University takes initiative to see that all the feedback forms reaches in required numbers to all the colleges in the campus. In turn all respective principals of the college will send it to the respective departments in the college. Departments will obtain the feedback from students and send it to the IQAC office. Analysis: Analysis will be done in and at 5 stages. Stage1: Student ratings on the course, teacher, department and college infrastructure. This includes mean, SD, range (min - Max) and variance and the results will be interpreted. Stage2: This analysis related to course ratings, which is divided into science and non-science. In this analysis by taking the

mean SD and Variance will be calculated. Stage-3: This analysis is about teacher ratings. Stage-4: Is all about departmental infrastructure. Table-5: This analysis on the college infrastructure. The department-wise feedback was pooled into two broad categories, namely Sciences and non Sciences faculties and the analysis depicts and presented in the form graph. There is a significant variation in overall grading between sciences and non sciences departments ($p < 0.05$) and but no significant variations in overall grading with respect to courses offered, teachers' abilities and infrastructural facilities both department and college levels ($p > 0.08$). This is a continuous mechanism that Osmania University will conduct in regular intervals and same analysis will

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MA	AIHCA	30	545	32
MA	Telugu	50	4454	50
MBA	Advanced PG Diploma courses in Healthcare	180	7856	164
MSc	Chemistry	80	8179	80
LLB	LLb-3YDC	60	3254	67
ME	SYSTEM&SIGNAL PROCESSING	20	1254	13

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2243	5191	64	312	285

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
538	520	105	100	62	88

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Objective: Osmania University, which is a 100 year old University with 52 Departments and 11 faculties is having a well established student mentoring system with an objectives of (a) create such a environment for newly admitted students to get familiarise and accustomed to the campus life and its practices (b) to facilitate the mentoring for poor performance at any state of their study (c) Guidance will be provided for selecting the elective papers based on their academic ability, interest and contemporary environment and (d) to provide guidance to their higher studies. Purpose and Duration: As stated in the objectives Osmania University is large University, majority of the students are from rural background and most of the students are scholarship dependants. Often, they need to be mentored to develop various skills such as communication, language, behaviour and so on. Hence, the overall purpose is to develop the student's with 360 degrees efficiency. This mentoring facility is available to the students for first year of the course and till completion of their first year examinations. However, depends on the need and necessity this mentoring facility is extended to selective candidates with certain disabilities/ parents requests/ poor performers may be extended beyond one year period. For this purpose regular faculty meetings are conducted with respective teaching and non teaching members. Operative Procedure: At the time of admission each student will be supplied a brochure of the each Department. Once all the admissions are completed there will be a student induction programme along parents. First, they will be briefed about the department and faculty. Each functionary such as Principal, Dean of the faculty, Head of the Department, Chairman BoS, Vice-principals (Administration and Hostels), and placement officer will address all the students. This induction includes about the course, its content, learning resources such library ICT (computing lab). Mean time all the parents will furnish or verify all the details of their home address and mobile number in case there is need to contact. Students need to meet their teacher regularly. They should inform their teacher about their leave to go to their native place as well as any problem in the hostel etc., In case of minor alignments, the mentor (teacher) may advise/ direct the student to visit the university health centre for appropriate medical advice. It is always advised th students to meet their faculty in case of any psychological problem, where Osmania University is having a centre named as "Sahayam" Concerned Head, Department of the Department": The HoD: The head of the department will meet the teachers from time to review the mentoring system and how it is progressing? He will meet all the mentors at least once in a month. He will keep informing about initiatives taken by the department to the principal and also to the University higher-ups. At present on an average 20-25 students are allotted to each faculty and major mentoring will done on the following aspects. 1. Professional guidance 2. Career guidance and counselling 3. Coursework specific 4.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
7434	538	1:14

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
1267	538	729	0	495

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Prof. Surya Dhananjay	Professor	Telangana Vaibhavam
2019	Dr. P. Nagamder	Assistant Professor	B.S. Ramulu Pratibha Puraskaram
2019	Dr. S. Raghu	Assistant Professor	Smt Patel Shantamma sahitya Puraskaram-Jateeya Sahitya Parishat
2019	Prof.S.Satyanarayana Singh	Professor	Meritorious Teacher State award

2019	Prof. M. Channa Basavaiah	Professor	Meritorious Teacher State award
2019	Prof. Sriram Venkatesh	Professor	Meritorious Teacher State award
2019	Prof. D. Chennappa	Professor	Meritorious Teacher State award
2019	Prof. M.Gopal Naik	Professor	Awarded Jala Ratna Award 2019 By State Government of Telangana, Institute of Engineers on the eve of birth anniversary of Late Er. R. Vidyasagar Rao.
2019	Prof. M.Vijjulatha	Professor	Meritorious Teacher State award
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MA	010	IV SEM	06/11/2020	30/11/2020
MA	009	IV SEM	06/11/2020	30/11/2020
MA	008	IV SEM	06/11/2020	30/11/2020
BA LLB	832	XSEM	05/10/2020	12/11/2020
LLB	831	IV SEM	05/10/2020	12/11/2020
LLM	833	I to IV SEM	02/11/2020	03/02/2020
MPed	712	IV SEM	22/10/2020	14/02/2020
BEd	701	IV SEM	26/11/2020	14/12/2020
MBA	675	IV SEM	10/11/2020	19/12/2020
MBA	672	IV SEM	13/11/2020	19/12/2020
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	2131	00

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://www.osmania.ac.in/syllabi.php>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
019	MA	Philosophy	31	23	98
018	MA	Arabic	19	15	79
016	MA	Sanskrit	38	24	63
015	MA	Urdu	9	6	67
672	MBA	MBA	81	72	89
509	MSc	physics	61	53	87
515	MSc	FORENSIC SCIENCE	24	22	92
514	MSc	BIO CHEMISTRY	21	20	95

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://www.osmania.ac.in/igac/files/2.7.1%202019%20-2020.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Prof.B. Rajender Naik	Sir Visvesvaraya young Faculty Research Fellowship	05/09/2019	Ministry of Electronics and Information Technology, INDIA

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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
D.S. Kothari Post Doctoral Fellow	1095	UGC, NEW Delhi
Doctoral Fellowship	365	ICSSR
Post-Doctoral Fellowship	730	ICSSR
Junior Research Fellowship	1825	UGC, NEW Delhi
Junior Research Fellowship	730	CSIR

Junior Research Fellowship	1095	Meity
NFHE-ST - JRF	185	UGC, NEW Delhi
NFOBC	1825	UGC, NEW Delhi
NFSC	1825	UGC, NEW Delhi
NFST	365	Ministry of tribal affairs

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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1460	CDAC	44.25	12.19
Major Projects	1095	CSIR	24.86	6.32
Major Projects	1825	DBT	116.15	19.7
Industry sponsored Projects	730	ISRO	24	6.22
Students Research Projects (Other than compulsory by the University)	1825	DST	94.15	16.84
Major Projects	1095	DST	19.36	3.74
Major Projects	1825	ICAR	26.39	16.37
Any Other (Specify)	1825	UGC	26.77	15.17
Major Projects	1095	UGC	59.05	9.19
Total	Nil	Nil	438	105.7

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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Ten Day Research Methodology	UPE-CART-GD, OU.	11/12/2019
Three Day International Conference on enhancing Skills in Physical	Physical Education	20/03/2020

Education Sports Science		
Three Day International Conference on "Advances in Microbial Biotechnology and Bio-Therapeutics (AMTB)"	Commerce	05/12/2019
Ten Days "Research Methodology Training for Asst. Professors, PDF and Ph.D. Scholars"	UPE-CART-GD, OU.	10/02/2020
One Week Workshop on "Research Methodology for Social Sciences"	Social Sciences	24/02/2020
One Week Workshop on "Research Methods in Public Administration"	UPE-CART-GD, OU.	12/02/2020
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	Nil	NIL
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nil
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Telugu	5
Urdu	24
Arabic (Oriental Language)	7
Urdu (Oriental Language)	1
Hindi (Oriental Language)	1
Telugu (Oriental Language)	4
Law	7
BME	2
Civil Engg	2
Electrical Engg	2
ECE	6
CSE	6
Mechanical Engg	6
Pharmacy	6

Management	23
Commerce	13
Economics	16
History	3
Journalism Mass Communication	1
Library Info. Science	2
Political Science	8
Psychology	2
Public Administration	1
Sociology	2
Applied Geochemistry	4
Botany	10
Bio Chemistry	8
Chemistry	59
Environmental Science	2
Geology	5
Genetics	22
Geography	6
Geophysics	4
Mathamatics	9
Microbiology	1
Nutrition	6
Physics	7
INFORMATICS	1
PHYSICAL EDUCATION	5
CHEMICAL ENGINEERING	2
AIHCA	1
Arabic	4
English	3
Hindi	4
Marathi	1
Islamic Studies	2
Philosophy	3
Sanskrit	1

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Botany	1	0.00
National	Botany	11	2.87
International	Chemistry	38	2.58

National	Chemistry	4	1.03
International	Civil Engineering	2	3.10
National	Civil Engineering	6	1.95
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Physics	4
Microbiology	10
Chemistry	2
Botany	1
Mechanical Engineering	3
Commerce	6
Public Administration	1
History	4
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
NOVEL SCHIFF BASE DERIVATIVES	Published	6190/CHE/2014	08/07/2019
A PROCESS FOR THE BIOSYNTHESIS OF BINARY HETEROJUNCTION SEMICONDUCTOR NANOSTRUCTURES FOR ANTIMICROBIAL AND ANTICANCER ACTIVITY	Published	201941024657	02/08/2019
A PROCESS FOR THE PREPARATION OF TERNARY HETEROJUNCTION SEMICONDUCTOR NANOCOMPOSITES FOR THE PHOTODE	Published	201941024658	02/08/2019
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
The Influence of Thermal Radiation on Mixed	T. Gangaiah, N. Saidulu and A. Venkata	International Journal of Nanoscience and Nano	2019	83	Osmania University	83

Convection MHD Flow of a Casson Nanofluid over an Exponentially Stretching Sheet	Lakshmi	technology				
Effect of Toolpath Strategy and Tool Rotation on Formability in Single Point Incremental Forming	Zeradam Yashiwas, Krishnaiah Arkanti	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2020	53	Osmania University	53
Study of Development and Social Maturity in Children with Intellectual Disability	Dr.P.Shankar, Dr.G.Madhukar	UGC-CARE Listed Journal	2020	45	Osmania University	45

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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Equilibrium, DNA Cleavage and Antimicrobial Studies of Cu(II) and Zn(II) Complexes with Novel 1-Propionyl-4-methyl-3-thiosemicarbazide	P. NIRMALA JYOTHI and B. SIREESHA	Asian Journal of Chemistry Vol. 32	2020	6	1	Osmania University
Phenylboronic acid-catalyzed	Raju Jannapu Reddy, Md.	Organic Biomolecular	2020	23	4	Osmania University

tandem construction of S-S and C-S bonds: a new method for the synthesis of benzyl disulfanyl sulfone derivatives from S-benzyl thiosulfonates	Waheed and Gamidi Rama Krishna	Chemistry				
Optimized Production of Xylanase by Penicillium purpurogenum and Ultrasound Impact on Enzyme Kinetics for the Production of Monomeric Sugars From Pretreated Corn Cobs	Bindu Sunkar, Balakrishna Kannoju and Bhima Bhukya	Front. Microbiol	2020	13	7	Osmania University
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	24	58	1	29
Presented papers	10	29	1	2
Resource persons	2	5	0	0
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Applied	National Mineral	National Mineral	2134772

Geochemistry	Development Corporation Limited	Development Corporation Limited	
Geology	National Mineral Development Corporation Limited	National Mineral Development Corporation Limited	11466953
Environmental Science	Awareness in Action, Tarnaka, Hyderabad	Awareness in Action, Tarnaka, Hyderabad	100000
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Institute of genetics and hospital for genetic diseases	short term internship	list of colleges enclosed	2100000	140
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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
One Day Massive Cleaning Programme	NSS Cell, Osmania University	4	200
Youth for Education	NSS Cell, Osmania University	54	2000
Republic Day Parade -2020	NSS Cell, Osmania University	0	2
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Republic Day Parade -2020	CERTIFICATE OF HONOR	NSS	2
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
State Level Programme on "Jal Shakti Abhiyan (JSA)"	Kakatiya University, Warangal	State Level Programme	1	8

participation				
Republic Day Parade Camp attended by NSS Volunteers	NSS Cell, Osmania University	Republic Day Parade Camp	0	2
State Level Programme on "Telangana Ku Haritha Haram" participation	JNTU Hyderabad	State Level Programme	2	15
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
MOU	5 ME STUDENTS	CARE HOSPITALS	90
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
INTERNSHIP	Advanced PG fellowship in cardiac electrophysiology	CARE HOSPITALS	08/07/2019	29/07/2019	5
INTERNSHIP	Summer Internship	AARVEE Associates	04/05/2020	13/06/2020	8
INTERNSHIP	Summer Internship	NCC	04/05/2020	13/06/2020	8
INTERNSHIP	Summer Internship	SS Consultants	04/05/2020	13/06/2020	7
INTERNSHIP	Summer Internship	Murthy and Manyam Consultants	04/05/2020	13/06/2020	8
INTERNSHIP	Summer Internship	HGCL	04/05/2020	13/06/2020	7
INTERNSHIP	Summer Internship	G Group	04/05/2020	13/06/2020	7

INTERNSHIP	Summer Internship Summer Internship	Ultratech	04/05/2020	13/06/2020	9
INTERNSHIP	Summer Internship Summer Internship	Adarshila Consultants	04/05/2020	13/06/2020	6
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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Osmania General Hospitals (OGH)	17/07/2019	JOINTLY EXPLORE ,DESIGN AND IMPLEMENT RESEARCH INITIATIVES SUCH AS GENETICS ,MICROBIOLOGY BIO CHEMISTRY BIO TECHNOLOGY NANO TECHNOLOGY ,BME ,ZOOLOGY .MECHANICAL ENGINEERING AND EXTENSION OF PROJECTS ,OUTREACH ACTIVITIES THROUGH SHARED UTILIZATION OF RESOURCES	15
Center for Cyber Security and Cyber law	05/05/2020	TO MAKE CYBERSPACE SAFE AND SECURE	20
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
29.29	29.29

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Classrooms with Wi-Fi OR LAN	Existing

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
New Gen Lib	Fully	3.0.4	2005

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	554047	134525170	2149	1200000	556196	135725170
Reference Books	401380	201787740	337	200000	401717	201987740
e-Books	62650	880290	83	630250	62733	1510540
Journals	76753	1065040	310	1040020	77063	2105060
e-Journals	10065	264160	10131	155644	20196	419804
CD & Video	845	1200020	50	0	895	1200020
Others (specify)	13945	3476290	471	0	14416	3476290

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Prof G B Reddy	Human right international law and international humanitarian law	Swayam	05/08/2019
Prof G B Reddy	Intellectual property rights and Competition law in india	Swayam	03/02/2020

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	6800	57	6500	3	10	0	54	2	0
Added	150	0	150	0	0	0	0	0	0

Total	6950	57	6650	3	10	0	54	2	0
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4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

2 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Educational Multimedia Research Centre, Osmania University.	https://www.osmania.ac.in/Research%20Centres/EMRC%20information.pdf

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
250	250	650	650

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Osmania University provides innovative student services (facilities) on various aspects that leads to all-round development of the student. They include national economic depository, competitive examinations coaching centre, employment information bureau, English language training centre, hostels messes, various facilities of physical education including sports games and also state of art of swimming pool. The other facilities includes online application forms (for any certificate students need visit the concerned offices), which are related to examinations etc., international placement services, directorate of placement services, University central library, SC, ST, BC and Minority cells, Dean student welfare services, University Foreign Relations Office and so on. The procedure and policies for utilizing and maintaining physical, academic and support facilities includes laboratory, library, sports complex, computers classrooms etc are available to the current students who are pursuing UG, PG and PhD programs. University building division takes the responsibility of maintain buildings and University has constituted various committees to look after the facilities of computer labs, sports etc. and conducts review meetings periodically.

<https://www.osmania.ac.in/amenities-buildingdivision.php>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	state government scholarship	3484	62206324
Financial Support from Other Sources			
a) National	Gate	244	36600000
b) International	ICCR	12	8300000

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
ETI Training Orientation Course	18/11/2019	35	Empanelled Training Institution (ETI) NSS, Osmania University
Personal counselling and Mentoring	16/01/2020	700	Sahayam
Talent haunt/scholarship test for UPSC GROUP exams	13/11/2019	296	Univ. Employment Information Guidance Bureau

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Univ. Employment Information Guidance Bureau	296	144	150	15

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
51- LIST ENCLOSED	1728	358	00	0	0

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	80	M.Sc.	Geography	OU	Ph.D
2020	40	M.Sc.	Geophysics	Geophysics	Ph.D
2020	30	M.Sc.	Chemistry	CSIR-IICT Hyd IIT- Chennai ou Hyd	Ph.D Chemistry
2019	60	B.Ed	Education	OU Education	B.ED, M.Ed & Ph.D
2020	30	BE	MED	IITM, IIML, NITL, Texas	MS
2020	18	BME	BME	OU	MS & ME PG Programme BME
2020	35	MA	Library Science	OU	M.Lib Science
2020	20	MA	Urdu	Hyd central University	Ph.D
2019	69	MA	Telugu	OU	Ph.D
2019	20	MA	Sanskrit	OU	Ph.D
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	69
GATE	101
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
NIL	College and University Level	0
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	NIL	Nil	Nil	Nil	00	NIL
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Osmania University undertakes/ implement various activities related to student council and representation on various academic and administrative bodies /committees. The activities include ... a. Student counseling b. Student training programs c. Pre placement training programs d. Representation of students in various academic and administrative committees. a. Student Counseling: Majority of the departments periodically organizes student counseling activities. Such activities include (i) Orientation classes (ii) career guidance (iii) general academic guidance. University has a full pledged centre for psychological counseling namely "Sahayam". Departments have been continuously organizing student counseling programmes. Initially at the time of admissions by concerned HoD will allot the students to all the teachers for mentoring and counseling. Concerned teacher's takes the responsibility of such allotted students to provide appropriate counseling on various academic and other related aspects. This is a continuous theme that goes throughout the academic year. Initially, when students are admitted a common orientation program is organized by the respective departments. b. Training Programs: University organizes the training programs at two levels one at University level and the other one at departments level. All the departments conduct periodical training programs to the departmental students in respect to the improvement of language skills, soft skills and communication skills. At university level various training programs in relation to NSS, Corporate Social Responsibility (CSR) events related training programs are organized. c. Pre placement training programs Osmania University organises the pre-placement services/ training programs to the students of the University. Directorate of placement services periodically organises outcome based training programs to the students of University. In addition to this majority of the departments organises department wise training programs related to placement activities. The outcome of such training programs helpful students in getting good placements within campus as well as outside the campus. University is also established a competitive coaching centre headed by a professor as director to conduct coaching to various complete examinations both at national level and state level. d. Representation of students in various academic and administrative committees Generally, Osmania University will induct students in various administrative committees at college level named as student advisory committees to review both academic aspects and administrative aspects. Particularly, the discussions include the syllabi coverage, internal assessments, and implementation of curriculum related to academics and administrative committees include hostels messes, clean and green programs, NSS activities and so on. For further information please visit www.osmania.ac.in

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni of 102 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 very mention of alumni brings before us the glorious past and distinctiveness of our University - that we are old, large and big. It conjures up vivid memories of yester-years the nostalgia and rich heritage and traditions of the past, which shaped our University. Over the years we have crossed several milestones, made significant contributions to the advancement

of knowledge and kept pace with the changing times and needs of new generations. We have transitioned from a traditional University and are now surging ahead to become a pace-setter in the field of higher education with an international outlook and a global outreach. Alumni are a part of these processes of continuous change and tradition modernity. The University seeks to institutionalize these bonds between alumni and alma mater through the Association into a life-long relationship. Osmania University has always considered its alumni as a source of strength, support and sustenance in its endeavours of scholarship, innovation and institution building in higher education. The Alumni Association of Osmania University has been formed in September 2003 in order to fulfill the long-felt need for a forum and the cherished desires of its alumni It has been duly registered as a society (Regd.No.590 of 2003) to activate its functioning A committee has been constituted to provide vision, guidance and coordinate the all-round activities of the Alumni Association. we envisage the Alumni Association as a partner in the progress of the University. This Association unfolds before us a series of opportunities to serve this great University and lend our cooperation in full measure in its success and sustenance.

5.4.2 – No. of registered Alumni:

1190

5.4.3 – Alumni contribution during the year (in Rupees) :

6790448

5.4.4 – Meetings/activities organized by Alumni Association :

The First International Conference on Emerging Trends in Engineering ICETE conference is being organized in India during 22-23 March 2019 by the Alumni Association, University College of Engineering, Osmania University in order to provide an opportunity to academic researchers and industry professionals to interact and share their experiences and knowledge on cutting-edge development in various streams of Engineering, such as Bio-Medical, Computer Science, Civil, Electrical Electronics, Electronics Communication, Mechanical and Mining Engineering. On the occasion of centenary celebrations, Alumni Association of OU meetings held 13th May 2019 and 10th July, 2019, decided to make a documentary film on the Osmania University. M/s. A.S. Films were made the documentary film consisting of 26 minutes on 100 years celebrations of Osmania University as per the recommendations of committee, they charged Rs.9,12,000/-plus Tax TDS Rs.16,000/- GST Rs.16,000/- Total Amount Rs. 9,44,000/-. Osmania University Alumni Association has paid a sum of Rs.9,44,000/- (Rupees Nine lakhs and forty four thousands only) to M/s. A.S. Films for the documentary film on Osmania University, bearing Cheque No.057621 dated 07-06-2019 Rs.3,00,000/- (Rupees three lakhs only), Cheque No.057622 dated 03-09-2010 Rs.6,12,000/- (Rupees six lakhs and twelve thousand only), Cheque No.057623 dated 03-09-2019 Rs.16,000/- (Rupees sixteen thousand only), Cheque No.057624 dated 03-09-2019 Rs.16,000/- (Rupees sixteen thousand only) and received pen drives of the documentary film from M/s. A.S films on 23rd August 2019. Mr. Harinath Medi, President OU Alumni Association of North America, USA with support of the NRI OU alumni members donated the 8 Laptops. Prof. Ch. Gopal Reddy, Registrar Osmania University was distributed them to the physically challenged Students of Arts Social Science and Engineering Ph.D Scholars of Osmania University on 7th March, 2020. Global ALUMNI MEET - 2019 is organized on December 22, 2019 at University College of Engineering, Osmania University, Hyderabad. Alumni Association of Osmania University is given call on 22nd April, 2020 to the Alumni Contribution to towards the Dry Ration Essentials to Feed the Needy - COVID 19 Relief, nearly 6000 families got support from the Alumni members of Osmania University during the COVID - 19

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The main objective of Infrastructure is to provide services to both students and staff of the University, viz., internet and intranet facilities to the end users, facilitating procurement of computers, laptops, servers, printers, equipments, stationery and consumables, etc. In addition to the above, automation of Academic, pay bills, accounts to some extent including works accounts, Research Scholars Information System and host of other activities. During the period under consideration, the University had established Smart Data Centre at CFRD premises, CCTV surveillance system for the entire University campus with Central Command Control Room at CFRD, Automation Cell, Wi-Fi enabled campus project, Renovation of Tagore Auditorium and accreditation with A grade by NAAC. Further during the 2017-18, the University celebrated OU Centenary year, and in the process the University had renovated and got repaired various buildings and spruced up its existing colleges/departments including Administrative Building (Senate Hall, EC Room, Committee Room). Further, the University had also organized Centenary Closing Ceremony in April 2018 and lot of relevant works have been undertaken by the Infrastructure office.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	As per the UGC norms and after due consideration of the recommendations of the departmental committees, the respective Boards of Studies of different courses have been developing new curricular models and updating the syllabi on timely basis.
Curriculum Development	The University encourages additional related methods of learning such as social work, field visits/work, industrial visits, internships, mentoring and other remedial measures such as special classes for weaker student.
Teaching and Learning	The University encourages additional related methods of learning such as social work, field visits/work, industrial visits, internships, mentoring and other remedial measures such as special classes for weaker student.
Research and Development	The Central Facilities for Research and Development is bestowed with a mandate to encourage research and

development through the provision of the state-of-the-art and high-end instruments, ensuring their optimal use and proper maintenance, and conducting training programs, resulting in research publications with respectable impact factor.

Library, ICT and Physical Infrastructure / Instrumentation

The central library facility is available to users on a daily basis except for two-hour Maintenance closures and two national holidays. • ICT facilities have recently been extended to all the departments hostels. • The University is equipped with the needed infrastructure for proper Implementation of ICT-related teaching, learning and evaluation. • To enhance research output in the University, steps have been taken to strengthen the facilities by procuring high-end instrumentation that are placed at the Central Facilities for Research and Development. • Free access to e-journals

Human Resource Management

To surpass the shortage of faculty positions, additional teaching workload was shifted to qualified persons by appointing them as Academic Consultants or Assistant Professors (Contract), besides allotting some teaching hours to fellowship-holding research scholars. • Capacity building programs for the University staff are organized. • Training programs on instrumentation techniques and quantitative analysis of research data are conducted. • Faculty members are sponsored to participate in Faculty Improvement Programs. • Faculty and researchers are encouraged to participate in national and international conferences by extending financial assistance and duty leave.

Industry Interaction / Collaboration

students of engineering and technology ug pg students and other programmes visit various industries in and around Hyderabad for their project work which is the part of their curriculum.

Admission of Students

Centralized admissions into various courses offered by the University and its affiliated institutions are made by the Directorate of Admissions in a systematic and transparent manner. However, the University, as a member of consortia, admits candidates selected by state agencies into various

professional courses. The details of admissions, as per criteria, are given below: (i) Merit: Admissions into regular UG programs in the Faculties of Arts, Social Sciences, Commerce and Science is based on merit at the qualifying examination. (ii) Entrance Test: For admission into various PG programs, the merit at the Entrance Test is considered, except for professional PG programs. The Directorate of Admissions has laid down a centralized web-based admission process to admit candidates into various courses offered by the University, as well as constituent and affiliated colleges, and also for courses offered by other universities such as Telangana University, Mahatma Gandhi University and Palamuru University. (iii) Merit, Entrance Test and Interview: Adhering to National Policy, the University conducts Eligibility Tests exclusively for each PhD program. In addition to this, the candidates qualified through national and state-level common eligibility tests are also considered eligible. While admitting eligible candidates into various PhD programs, the merit at the qualifying examination, interview performance and research credentials are evaluated by an Admission Committee with the Dean of the concerned faculty acting as the Chairperson. Admission to PhD programs is subject to the availability of vacancies. (iv) Common Entrance Tests: Admissions to all professional courses (BE/BTech/MBA/MCA/LLB/BEd/ME/MTech/LLM) are by merit in the state-level common entrance tests (EAMCET, ICET, LAW CET, EDCET, PG CET/PGECET etc.) through web-based counseling conducted by Telangana State Council of Higher Education (TSCHE). (v) Other Criteria:

- Admissions are based on the merit at the qualifying examination for vocational courses.
- The university adheres to the statutory reservations of 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

Servicemen/Ex-Servicemen. • One seat for every block of 30 seats - taking the subject/course as one unit - is reserved for persons with differentlyabled. 5 of the supernumerary seats in each course in campus and constituent colleges of the University are available for the candidates belonging to states outside Telangana under National Integration Quota (NIQ).

Examination and Evaluation

Completely Automated and on screen evaluation in progress

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Administration	The students information and faculty information are managed through Student and Faculty Information systems respectively. The administrative activities with respect to staff attendance and pay calculations etc all are done through digital mode.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	nil	nil	nil	0
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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	90th orientation programme	nil	04/07/2019	25/07/2019	43	Nil
2019	Rc in social sciences	NIL	15/07/2019	27/07/2019	37	Nil
2020	Short Term Course on MOOCS E-Content De	nil	24/02/2020	29/02/2020	52	Nil

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
17th Course on Application of Remote Sensing GIS in Mineral Exploration	2	05/07/2019	31/07/2019	27
Empowering Teachers in Teaching-Learning and Research	9	06/01/2020	11/01/2020	6
One week FDP in Contemporary Teaching Research and Academic Excellence in the Perspective of Oersonality Development (DRAPD-2020)	9	21/01/2020	28/01/2020	8

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
reiumbersment of health insurance premium of 7500/- per teacher PER ANNUM AND HEALTH CENTRE FACILITY IA AVAILABLE, maternity and Paternity leaves,	reiumbersment of health insurance premium of 7500/- per Employee PER ANNUM AND reiumbersment of health insurance premium of 7500/- per teacher PER ANNUM AND HEALTH CENTRE FACILITY IA AVAILABLE, maternity and Paternity leaves,	HEALTH CENTRE FACILITY IA AVAILABLE

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

University has separate Local Fund Audit Department (Govt. of Telangana), which conducts regular audit of accounts of the University - Currently 2019-2020 audit is in progress.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NIL
View File		

6.4.3 – Total corpus fund generated

40000000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Accountant General (Audit) Telangana, Hyderabad, HYM International Certification Pvt. Ltd.	Yes	Academic Audit Unit IQAC
Administrative	Yes	Accountant General (Audit) Telangana, Hyderabad, HYM International Certification Pvt. Ltd., Hyderabad	Yes	Academic Audit Unit IQAC

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

IQAC has signed MOUs with 1.Govt Degree College Narsapur Medak,2.Govt model Degree College Narayankhed sangareddy,3.Methosist College of engineering and technology,Hyderabad,4.Avanthi PG College H yderabad,5.Govt Degree College Ibrahimpatnam Ranga Reddy, to enhance the overall quality of the institutions by the IQAC Osmania University to enable them to get get accredited under the PARAMARSH Scheme.

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

The parent-teacher associations are in place in colleges offering professional courses. Regular meetings of PTAs are conducted to get inputs for improving the teaching and learning environment.

6.5.4 – Development programmes for support staff (at least three)

Capacity building and training programs to junior staff including contractual staff are conducted by the Directorate of Placement Services to enhance work efficiency. The persons responsible for accounts at various offices are regularly being trained in use of accounting software such as Tally.

6.5.5 – Post Accreditation initiative(s) (mention at least three)

1. Implementation of quality enhancement initiatives. 2. Assistance in the accreditation process. 3. Focused on holistic development of students through participation in green activities, international days and also in department fests. 4. Organization of faculty development programs. 5. Guidance and support for research and publication and encouraged staff to publish papers only in UGC recognized peer reviewed Journals and in Conferences, seminars and workshops.

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	No
b) Participation in NIRF	Yes
c) ISO certification	Yes
d) NBA or any other quality audit	Yes

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Paramarsh Workshop	26/08/2019	26/08/2019	26/08/2019	15
2019	NAAC AWARENESS PROGRAMME	16/07/2019	16/07/2019	16/07/2019	95

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Gender Sensitization Programme	28/05/2019	29/05/2019	55	25
Womens Day Celebrations	08/03/2020	12/03/2020	300	60
STC on Gender Sensitization	16/12/2019	21/12/2019	32	16

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

- University students in the academic year 2019-2020 were consistently reminded to conserve energy by switching off lights and fans when leaving classrooms.
- all science department Science students were assigned projects aimed at addressing diverse environmental issues, including air, water, soil, and noise pollution, as well as solid waste management, global warming, and the conservation of ecosystems and biodiversity.
- The NSS (National Service Scheme) and Biodiversity Club volunteers organized various environmental awareness initiatives throughout the academic session, such as tree-planting drives, anti-plastic campaigns, and activities to control pollution.
- In

line with environmental awareness campaigns, the science departments arranged contests and seminars. • • Many departments especially environmental science department took the lead in organizing field trips and study tours, which aimed to enhance students understanding and appreciation of biodiversity conservation.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	50
Provision for lift	Yes	50
Ramp/Rails	Yes	50
Braille Software/facilities	Yes	11
Rest Rooms	Yes	50
Scribes for examination	Yes	11
Special skill development for differently abled students	Yes	50

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	22/10/2019	1	Awareness, Wellness and Screening Program on Thalassemia	Awareness, Wellness and Screening	250
2020	1	1	04/02/2020	1	Awareness, Wellness and Screening Program on Thalassemia	Awareness, Wellness and Screening	250
2020	2	2	18/03/2020	1	Swatch Bharat	Clean and green in villages	230
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
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OSMANIA UNIVERSITY EMPLOYEES CONDUCT RULES	05/11/1990	THE EXECUTIVE COUNCIL OF OSMANI UNIVERSITY HAS APPROVED ORDINANCE NO.LXVII REGARDING OSMANIA UNIVERSITY (DISCIPLINE AND APPEAL)RULES ON 10-09-1990 THE ORDINANACE SUPERSEDS THE OSMANI UNIVERSITY EMPLOYEES SERVICE RULES MADE IN THE YEAR 1967 AND THIS ORDINANCE CAME INTO FORCE FROM 05-11-1990
ETHICAL COMMITTEE	12/12/2017	THE ETHICAL COMMITTEE WAS CONSTITUED ON 12-12-2017 The ethical committee of the university wii take care of challenges encountered in genetic testing laboratories. These situations include genetic testing of minors for adult-onset conditions, prenatal testing, the ethical impacts of incidental findings and unexpected test results, and conflicts of interest.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Clean and Green Progamme	05/08/2020	05/08/2020	70
Jal Shakti Abhiyan (JSA)	21/08/2019	27/08/2019	8
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

•Energy Conservation Campaigns: Osmania University organized energy conservation campaigns during the 2019-2020 academic year. These initiatives aimed to raise awareness among students and staff about the importance of reducing energy consumption. Various activities, such as workshops, competitions, and awareness drives, were conducted to promote energy-saving practices. • Environmental Education Programs: The University conducted environmental education programs to educate students about pressing environmental issues and sustainable practices. These programs included guest lectures, seminars, and workshops conducted by experts in the field. The objective was to enhance students knowledge and understanding of environmental conservation and inspire them to become responsible stewards of the environment. • E-waste Management: Osmania University took steps to address the issue of electronic waste (e-waste) during the academic year. The institution organized e-waste collection drives and awareness campaigns to educate the campus community about the proper disposal and recycling of electronic devices. This initiative aimed to prevent hazardous materials from entering landfills

and promote responsible e-waste management. • Water Conservation Initiatives: In addition to rainwater harvesting, the University implemented various water conservation initiatives. These included the installation of water-efficient fixtures, such as low-flow faucets and toilets, in campus buildings. Awareness programs and workshops on water conservation practices were also organized to encourage responsible water usage among students and staff. • Biodiversity Conservation Projects: Osmania University initiated biodiversity conservation projects during the academic year. These projects involved the preservation and restoration of natural habitats on campus, including the creation of butterfly gardens, bird sanctuaries, and indigenous plant nurseries. These initiatives aimed to promote biodiversity and create a conducive environment for local flora and fauna.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Best Practice: Installation of Center for Biodiversity Studies to Study and Conserve Telangana State Biodiversity Introduction: The installation of a Center for Biodiversity Studies at our institution has been a significant step towards studying and conserving the biodiversity of Telangana state. This center serves as a dedicated platform for comprehensive research, documentation, and conservation efforts aimed at protecting the rich and diverse ecosystems of the region. The establishment of this center aligns with the objectives of the National Assessment and Accreditation Council (NAAC) and contributes to the overall development and advancement of the institution. Objective: The primary objective of the Center for Biodiversity Studies is to study and conserve the biodiversity of Telangana state. This objective is accomplished through the following specific goals: 1. Documentation and Inventory: The center aims to conduct thorough documentation and inventory of the biodiversity present in different ecosystems of Telangana state. This involves comprehensive surveys, field studies, and data collection to create a robust database of flora and fauna species. 2. Research and Analysis: The center facilitates extensive research on various aspects of biodiversity, including species distribution, ecological interactions, habitat assessment, and conservation strategies. Research findings contribute to the scientific knowledge base and inform conservation efforts. 3. Conservation Strategies: Based on research outcomes, the center develops and implements effective conservation strategies to protect and sustain the biodiversity of Telangana state. These strategies encompass habitat restoration, species conservation, and the promotion of sustainable practices. 4. Public Awareness and Education: The center actively engages in raising public awareness about the importance of biodiversity conservation. It organizes seminars, workshops, and awareness campaigns to educate students, local communities, and policymakers about the significance of preserving and valuing the states biodiversity. Methodology: To achieve the aforementioned objectives, the Center for Biodiversity Studies follows a systematic and interdisciplinary approach. The methodology includes the following key components: 1. Collaborative Partnerships: The center establishes collaborations with relevant stakeholders, including government agencies, research institutions, NGOs, and local communities. These partnerships promote knowledge exchange, resource sharing, and joint conservation efforts. 2. Field Surveys and Data Collection: Trained researchers and students undertake field surveys across different regions of Telangana state to collect primary data on biodiversity. This involves the use of standardized sampling techniques, ecological monitoring, and GIS-based mapping. 3. Laboratory Analysis: Collected samples are analyzed in well-equipped laboratories to study species identification, genetic diversity, and ecological parameters. These analyses provide insights into the ecological processes and dynamics of biodiversity in the region. 4. Conservation Measures: Based on

research findings, the center develops and implements conservation measures, including habitat restoration, establishment of protected areas, and community-based conservation initiatives. These measures are designed to ensure the long-term sustainability of biodiversity and its ecosystems. Outcome and Impact: The installation of the Center for Biodiversity Studies has yielded significant outcomes and impacts, including:

- Enhanced Research and Academic Excellence:** The center has contributed to the advancement of research and academic excellence in the field of biodiversity studies. It has facilitated collaborative research projects, publications, and presentations, fostering a culture of scientific inquiry and knowledge dissemination.
- Conservation Efforts:** The centers conservation strategies have resulted in the protection and restoration of critical habitats and the conservation of endangered and endemic species. These efforts have had a positive impact on the overall biodiversity of Telangana state.
- Public Awareness and Engagement:** Through various awareness programs and educational initiatives, the center has raised public consciousness about biodiversity conservation. It has inspired individuals, communities, and policymakers to actively participate in conservation activities and make informed decisions regarding biodiversity protection.
- Policy Support:** The centers research findings and expertise serve as valuable inputs for policymakers and government agencies in formulating biodiversity conservation policies and action plans for Telangana state. It contributes to evidence-based decision-making and promotes sustainable development practices.

academic programs and services to provide the best possible educational experience for its students.

2. Best Practice:

Complete automation of Examination Branch Onscreen evaluation for all Programmes.

- Online attendance / D-Forms for all Programmes.
- Online applications for issue of certificates.
- Launching of Online Payment Gateway for all Affiliated Colleges for payment of exam fee.
- Total 10,22,045 students records scrutinized to NSDL for online certificate by Central Government.
- 6,40,606 students records uploaded, ready to download for students.
- 3,81,439 students records ready to upload.
- Digital Transcripts for UG courses.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://www.osmania.ac.in/igac/files/Best%20Practices%20of%20OU/>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

One area in which our institution has excelled and demonstrated its commitment to its vision, priority, and thrust is the implementation of efficient and user-friendly online services, particularly within the Examination Branch. These online services have streamlined various processes such as valuation, setting paper, sending question papers, and accepting online applications for various fields. These initiatives have significantly enhanced the convenience, transparency, and efficiency of these essential administrative functions.

Valuation: Our institution has successfully transitioned to an onscreen valuation system, eliminating the traditional manual process of evaluating answer scripts. Through a secure and user-friendly online platform, examiners can access and evaluate answer scripts remotely. This digitized process ensures confidentiality, minimizes errors, and expedites result declaration.

Setting Paper: The institution has implemented an online platform for setting examination question papers. This platform enables subject experts and faculty members to create and review question papers in a digital format. The online system ensures consistency, accuracy, and ease of access, reducing the likelihood of errors or discrepancies during the examination process.

Sending Question Papers: Our institution has adopted a secure online system for sending

question papers to examination centers. This digital platform ensures the timely and reliable delivery of question papers, minimizing the risk of paper leaks or tampering. It also eliminates the need for physical transportation, reducing logistical challenges and promoting environmental sustainability.

Online Applications: To streamline the admission and application process, our institution offers online application services for various fields. Prospective students can easily access and complete application forms through the institutions website. The online application system allows for quick submission, provides instant confirmation, and facilitates efficient processing of applications. It eliminates the need for paper-based applications and reduces administrative burdens for both applicants and staff. Overall, these online services within the Examination Branch have transformed administrative processes, making them more efficient, accessible, and convenient for all stakeholders. By embracing digital solutions, our institution has demonstrated its commitment to embracing technology, enhancing transparency, and providing a seamless experience to students, faculty, and staff. For more information about our institution and its online services, please visit our official website at www.osmania.ac.in

Provide the weblink of the institution

<https://www.osmania.ac.in/igac/files/Distinctiveness%20of%20OU/>

8.Future Plans of Actions for Next Academic Year

1. **Strengthening Industry-Academia Collaboration:** Osmania University plans to forge stronger partnerships with industries and organizations to enhance students practical exposure and increase their employability. Collaborative research projects, internships, and guest lectures by industry experts will be encouraged to bridge the gap between academia and industry.

2. **Enhancing Campus Infrastructure:** The university intends to invest in improving and expanding its campus infrastructure. This includes the construction of state-of-the-art laboratories, lecture halls, and research facilities to provide students and faculty with a conducive learning and research environment.

3. **Promoting Interdisciplinary Studies:** Osmania University aims to encourage interdisciplinary studies by fostering collaboration between different departments and faculties. The institution will facilitate the exchange of knowledge, resources, and expertise to promote holistic learning and research outcomes.

4. **Increasing International Collaborations:** The university plans to establish more international collaborations and partnerships with reputed universities and research institutions worldwide. This will facilitate student and faculty exchange programs, joint research projects, and global exposure opportunities to broaden perspectives and enhance academic excellence.

5. **Strengthening Student Support Services:** Osmania University recognizes the importance of comprehensive student support services. The institution aims to expand counseling services, career guidance, and mentorship programs to cater to the diverse needs of its students. This holistic support system will help students in their personal, academic, and career development.

6. **Promoting Entrepreneurship and Innovation:** The university intends to foster an entrepreneurial mindset among students by offering incubation centers, entrepreneurship training programs, and funding opportunities for innovative projects. This will encourage students to transform their ideas into viable startups and contribute to the growth of the local and national economy.

7. **Emphasizing Social Responsibility:** Osmania University is committed to social responsibility and plans to initiate community engagement programs. These programs will involve students and faculty in social initiatives, such as organizing health camps, environmental awareness campaigns, and community development projects, to contribute to the well-being of society.

8. **Enhancing Online Learning and Digital Resources:** The institution aims to further enhance its online learning platforms and digital resources to support hybrid learning models. It plans to invest in advanced technology infrastructure, including

virtual classrooms, online libraries, and digital content, to facilitate seamless and quality education delivery. 9. Continuous Quality Improvement: Osmania University will focus on continuous quality improvement through regular reviews, assessments, and feedback mechanisms. The institution will closely monitor academic processes, student feedback, and industry trends to adapt and innovate its curriculum, teaching methodologies, and assessment practices. 10. Sustainable Practices: The university plans to strengthen its commitment to sustainability by implementing eco-friendly practices and promoting environmental awareness. Initiatives such as waste management, energy conservation, and promoting green spaces on campus will be prioritized.