



## Yearly Status Report - 2017-2018

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		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. Sriram Venkatesh																								
Phone no/Alternate Phone no.	04027682482																								
Mobile no.	9440408333																								
Registered Email	director.iqac@osmania.ac.in																								
Alternate Email	iqacou@hotmail.com																								
3. Website Address																									
Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.osmania.ac.in/iqac/Annual%20Reports/AQAR%20%202016-17.pdf">https://www.osmania.ac.in/iqac/Annual%20Reports/AQAR%20%202016-17.pdf</a>																								
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																								
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://www.osmania.ac.in/admissions-acadcalender.php">https://www.osmania.ac.in/admissions-acadcalender.php</a>																								
5. Accrediation 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 Accrediation</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>03-Feb-2013</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	3	A+	3.52	2017	12-Sep-2017	11-Sep-2024	2	A	3.31	2008	04-Feb-2008	03-Feb-2013
Cycle	Grade	CGPA	Year of Accrediation	Validity																					
				Period From	Period To																				
3	A+	3.52	2017	12-Sep-2017	11-Sep-2024																				
2	A	3.31	2008	04-Feb-2008	03-Feb-2013																				
<b>6. Date of Establishment of IQAC</b>	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																						

A Sensitization Programme on NAAC Accreditation	25-Jul-2017 1	40
A Sensitization Programme on NAAC Accreditation	24-Jul-2017 1	20
A Sensitization Programme on NAAC Accreditation	11-Jul-2017 1	40
A Sensitization Programme on NAAC Accreditation	07-Jul-2017 1	40
A Sensitization Programme on NAAC Accreditation	03-Jul-2017 1	30
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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	UPE	UGC	2012 1825	500000000
University	PURSE	DST	2017 1095	81000000
Faculty of Engineering	TEQIP II	MHRD	2012 1825	150000000
Faculty of Engineering	TEQIP III	MHRD	2017 1095	70000000
<a href="#">View File</a>				

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

Yes

Upload latest notification of formation of IQAC

[View File](#)

**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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

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

No

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

Sensitization of the faculty, students, and other stakeholders about NAAC Peer Team visit Conduct of environmental awareness programmes through NSS and NCC volunteers regularly. Regular celebrations of important days such as International Biodiversity Day, International Water Day, World Environment Day, Vanamahostav Week, etc. were among the few activities taken up to create environmental awareness/protection. The University has initiated action for procurement and installation of Solar Power Unit at Examination Branch under 'go green' programme. The University has also conducted awareness programmes under the banner of Swacch Bharat for plasticfree campus, clean and green programmes and taking up plantation and disposal of leaf litter in harvesting pits.

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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 reorganise the language departments	Yet to be done
To further strengthening of the automation of the University	Office automation progressing satisfactorily
To initiate launch of flagship programmes -under the Centenary Celebrations	Roadmap for launching flagship progrmmes in place
To initiate works on the Centenary Celebrations by constituting various committees	Various committees to take up Centenary celebrations formed
To strengthen, monitor the implementation of CBCS at UG and PG level	All programmes in UG were brought under CBCS, some in PG implemented
To complete the 3rd Cycle of Accreditation by the NAAC	NAAC Peer Team Visited and Assesment and Accreditation process completed in August
To conduct Bridge courses for foreign students and students from Telugu Medium	Department level actions initiated
To promote 'Swacch OU'	Drives through NSS activities initiated
To strengthen the teaching-learning process	Necessary steps taken up
To launch 'Fund Raising Drive' to meet the expenses for campus development activities in view of the Centenary Celebrations	Committee has been formed to liaise with stakeholders and alumni
To establish biodiversity park on campus as part of Flagship Programme	Roadmap for launching this is in place
To initiate and strengthen the green initiatives, conduct energy and green audit	In place
To approach the State Government for modalities for conduct student union	Discussions initiated

elections	
To take action to mitigate safety issues on the campus including the deployment of closed circuit cameras on entire campus	CCTVs deployed in major places
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<b>14. Whether AQAR was placed before statutory body ?</b>	Yes
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Name of Statutory Body	Meeting Date
Academic Senate	27-Dec-2017

<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	Yes
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Date of Visit	17-Aug-2017
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<b>16. Whether institutional data submitted to AISHE:</b>	Yes
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Year of Submission	2019
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Date of Submission	21-Mar-2019
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<b>17. Does the Institution have Management Information System ?</b>	Yes
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If yes, give a brief description 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
MSc	516	Bio Technology	31/07/2017
MSc	502	Botany	31/07/2017
MSc	522	Geology	31/07/2017
MSc	584	Applied Electronics	31/07/2017
MSc	503	Chemistry	31/07/2017

MSc	504	Computer Science	31/07/2017
MSc	509	Electronic Instrumentation	31/07/2017
MSc	519	Enviromental Science	31/07/2017
MSc	515	Forensic Science	31/07/2017
MSc	517	Genetics	31/07/2017
MSc	524	Geography	31/07/2017
MSc	525	Geo Informatics	31/07/2017
MSc	512	Geo Physics	31/07/2017
MSc	503	Inorganic Chemistry	31/07/2017
MSc	509	Material Science	31/07/2017
MSc	586	Maths Computer	31/07/2017
MSc	505	Maths	31/07/2017
MSc	518	Microbiology	31/07/2017
MSc	528	Nano Science	31/07/2017
MSc	503	Organic Chemistry	31/07/2017
MSc	509	Physics	31/07/2017
MSc	507	Statistics	31/07/2017
MSc	526	Zoology	31/07/2017
BEd	701	Education	31/07/2017
MEd	709	Education	31/07/2017
MA	088	AIHCA	31/07/2017
MA	008	Arabic	31/07/2017
MA	010	Hindi	31/07/2017
MA	020	Islamic Studies	31/07/2017
MA	011	Kannada	31/07/2017
MA	021	Linguistics	31/07/2017
MA	012	Marathi	31/07/2017
MA	018	Persian	31/07/2017
MA	009	English	31/07/2017
MA	019	Philosophy	31/07/2017
MA	016	Sanskrit	31/07/2017
MA	014	Telugu	31/07/2017
MA	015	Urdu	31/07/2017
MA	094	Communication & Journalism	31/07/2017
MA	313	Economics	31/07/2017
MA	314	History	31/07/2017
MA	312	Library & Information Science	31/07/2017

MA	315	political Science	31/07/2017
MA	318	Psychology	31/07/2017
MA	316	public Administration	31/07/2017
MA	317	Sociology	31/07/2017
MSc	523	Applied Geochemistry	31/07/2017
MSc	522	Applied Geology	31/07/2017
MSc	506	Applied Maths	31/07/2017
MSc	508	Applied Statistics	31/07/2017
MSc	502	Applied MYC and MOL Plant	31/07/2017
MSc	510	Astronomy	31/07/2017
MSc	511	Astro Physics	31/07/2017
MSc	514	Bio Chemistry	31/07/2017
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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
PG Diploma	Functional Hindi and Translation	31/07/2017	028	31/07/2017
MA	Islamic Economics	31/07/2017	204	31/07/2017
MA	Functional Kannada	31/07/2017	404	31/07/2017
BTech	Chemical Engineering	31/07/2017	802	31/07/2017
BTech	Textile Technology	31/07/2017	803	31/07/2017
BTech	Food Technology	31/07/2017	804	31/07/2017
Mtech	Chemical Reaction Engineering	31/07/2017	809-001	31/07/2017
Mtech	Plant Design	31/07/2017	809-101	31/07/2017
Mtech	Process Dynamics & Control	31/07/2017	809-201	31/07/2017
Mtech	Environmental Engineering	31/07/2017	809-301	31/07/2017
Mtech	Material Science & Technology	31/07/2017	810-001	31/07/2017
Mtech	Technology of Pharmaceutical	31/07/2017	810-101	31/07/2017

	& Fine Chemicals			
Mtech	Food Technology	31/07/2017	824	31/07/2017
Mtech	Textile Technology	31/07/2017	825	31/07/2017
Mtech	Bio-Chemical Engineering & Bio-Technology	31/07/2017	811	31/07/2017
MPharm	Pharmaceutical Chemistry	31/07/2017	884	31/07/2017
MPharm	Pharmaceutical Analysis & Quality Assurance	31/07/2017	885	31/07/2017
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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	English for Foreign Students	31/07/2017
BTech	Chemical Engineering	31/07/2017
BTech	Textile Technology	31/07/2017
BTech	Food Technology	31/07/2017
Mtech	Chemical Reaction Engineering	31/07/2017
Mtech	Plant Design	31/07/2017
Mtech	Process Dynamics & Control	31/07/2017
Mtech	Environmental Engineering	31/07/2017
Mtech	Material Science & Technology	31/07/2017
Mtech	Technology of Pharmaceutical & Fine Chemicals	31/07/2017
Mtech	Food Technology	31/07/2017
Mtech	Textile Technology	31/07/2017
Mtech	Bio- Chemical Engineering & Bio- Technology	31/07/2017
MPharm	Pharmaceutical Chemistry	31/07/2017
MPharm	Pharmaceutical Analysis & Quality Assurance	31/07/2017
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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	Programme Specialization	Date of implementation of
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CBCS		CBCS/Elective Course System
MA	All programmes	31/07/2017
MSc	All programmes	31/07/2017
MCA	All programmes	31/07/2017
MBA	All programmes	31/07/2017
LLM	All programmes	31/07/2017
MEd	All programmes	31/07/2017
MPEd	All programmes	31/07/2017
ME	All programmes	31/07/2017
Mtech	All programmes	31/07/2017
MlibSc	All programmes	31/07/2017
MCom	All programmes	31/07/2017
LLB	All programmes	31/07/2017
BE	All programmes	31/07/2017
BTech	All programmes	31/07/2017
BEd	All programmes	31/07/2017

### 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
Women Studies	01/06/2017	80
Rehabilitative devices and their applications A design perspective	18/07/2017	50
Medical Imaging	01/07/2017	50
Laparoscopic Instruments	10/10/2018	50
Silent Killers Electro Radiation from Mobile phones	09/03/2018	50
Virtual reality and Augmented reality in Healthcare	09/03/2018	50
Multidisciplinary approach in Biodesign	04/08/2018	50
Mandatory Courses	31/07/2017	200
Engineering applications with social perspective	31/07/2017	200
Gender sensitization	31/07/2017	200
Curriculum it self is designed to include value addition components	31/07/2017	150
Communication skill and Statistics	31/07/2017	200
Skill enhancement courses	31/07/2017	200

Discipline centric elective courses	31/07/2017	150
Generic elective courses	31/07/2017	150
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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
MSc	Internships	28
MSc	Internships and Project	8
MSc	Project with Field Work	22
BE	Summer Internships for BE-BME	30
BEd	Curriculum related field projects and school internship in taken as per guidelines of the B.Ed and M.Ed Programme	80
MEd	Curriculum related field projects and school internship in taken as per guidelines of the B.Ed and M.Ed Programme	40
MSc	OU Inter College Sports and Games	20
MSc	Project Dissertation	12
MSc	Project work as part of IV Semester is undertaken by students	78
MSc	Field work at Singareni Kothagudam	30
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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
MSc	Botany	55	55	55
MSc	Biochemistry	26	0	0
MSc	Astrophysics	10	10	10
MSc	Astronomy	20	14	14
MSc	Astronomy	20	18	17
MPEd	Education	40	34	34
MEd	Education	20	50	40
BEd	Education	100	99	80

BTech	Mechanical Engineering	32	0	32
BTech	Mechanical Engineering	32	0	32
BTech	Mechanical Engineering	32	0	22
BTech	Mechanical Engineering	22	0	20
BTech	Mechanical Engineering	13	0	13
BTech	Mechanical Engineering	18	0	18
BTech	Mechanical Engineering	0	0	69
BTech	Biomedical Enggining	96	0	86
BTech	Biomedical Enggining	258	0	239
BTech	Biomedical Electronics	18	0	12
MBA	Business Management	45	20	20
MBA	Business Management	45	28	28
MBA	Business Management	45	38	38
MBA	Business Management	80	78	78
MCom	Commerce	40	0	0
MCom	Commerce	80	0	0
MA	Sociology	50	0	0
MA	Public Administration	104	0	104
MA	Psychology	40	0	37
MA	Political Science	130	2800	140
PG Diploma	PGDIM	30	250	12
MLibISc	M.L.I.Sc	44	1500	44
MLibISc	M.L.I.Sc	30	600	29
MA	History	110	2500	110
MA	Economics	147	2600	147
MA	Economics	150	2500	150
MA	Persion	20	0	9
MA	Islamic Studies	30	0	42
PG Diploma	Hindi	27	27	27

MA	Hindi	44	44	44
MA	Arabic	42	42	22
PG Diploma	Arabic	30	30	30
MA	Arabic	22	22	22
MA	AIHC&A	33	1000	33
MA	English	44	5000	44
PG Diploma	Linguistics	20	0	4
MA	Linguistics	30	0	34
MA	Urdu	60	0	18
MA	Telugu	44	2000	44
MA	Sanskrit	45	125	42
PhD or DPhil	Kannada	2	0	1
MA	Kannada	30	0	6
MSc	Zoology	55	0	0
MSc	Applied Statistics	40	0	0
MSc	Statistics	40	0	0
MSc	Physics	120	3500	120
MSc	Microbiology	18	0	20
MSc	Computer Science	45	0	45
MSc	Maths with Computer Science	40	0	40
MSc	Applied Mathematics	40	0	40
MSc	Mathematics	40	0	40
MSc	Geophysics	30	0	32
PhD or DPhil	Geography	40	0	40
PG Diploma	Geography	20	0	5
MSc	Geoinformatics	35	0	34
MSc	Geography	40	0	41
MSc	Biotechnology	30	30	28
MSc	Genetics	30	30	27
MSc	Chemistry	0	0	78
MSc	Botany	55	55	55
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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	Number of students enrolled in the institution	Number of fulltime teachers available in the	Number of fulltime teachers available in the	Number of teachers teaching both UG
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	(UG)	(PG)	institution teaching only UG courses	institution teaching only PG courses	and PG courses
2017	628	5368	154	282	105

### 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
541	489	67	73	32	48
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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
5996	541	11

### 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	503	764	0	398
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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
2017	Prof. B. Laxmaiah, (Rtd)	Professor	ICSSR Senior fellowships ICSSR Senior fellowships
2017	Prof. B. Sathyanaryan is appointed as Committee Member, UGC regulations on minimum qualification for appointment of teachers and other academic staff in universities and colleges and measures for maintenance of standards in higher education in July 2017	Professor	UGC, India
2017	Prof. Shivaraj has been appointed as Executive member of Telangana State Council of Higher Education.	Professor	TSCHE
2017	Dr. M. Vijjulatha	Professor	Best Teacher award by Vasavi Seva Kendram, Vasavi Club
2017	Prof. D. Ashok is elected as a Fellow of Telangana Academy of Sciences in July 2017.	Professor	TAS
2017	Dr. A. Hari Padmasri is selected as an Associate Fellow of Telangana Academy of Sciences in July 2017.	Assistant Professor	TAS
2017	Prof. S. Ramakrishna (Rtd)	Professor	ICSSR Senior fellowships
2017	Prof. Sriram Venkatesh	Professor	Engineer of the year by Institute of Engineers, Telangana Charter

2017	Mr. U. Ashok Kumar	Assistant Professor	Young Innovative Researcher in Mechanical Engineering award 2017
2017	Prof. Surya Dhananjay, Achayrya Madukulashekhar Rao Sahiti Puraskaaram.	Professor	Telangana Saraswata Parishat
2017	Prof. Y. Paradhasaradhi	Professor	Best Teacher Govt. of Telangana State
2017	Prof. Prashantha Athma, from State Government of Telangana	Professor	Telangana State Award to Meritorious Teacher 2017
2017	Dr. P.Satish Kumar	Assistant Professor	Received Certificate of Excellence for the Presentation of research paper in the International conference on Emerging Trends in Electronics, Electrical and Mechanical Engineering (ICEEME 2018) held at Bhopal, India
2017	Prof. A.V. Shashikala (Rtd)	Professor	ICSSR Senior fellowships
2017	Dr. Ram Raj Mathur	Assistant Professor	Expert Member
2017	Sandepta Burgula	Assistant Professor	Associate Fellow of TAS
2017	Prof. Sriram Venkatesh	Professor	Best Alumnus of KITS Warangal for the year 1991
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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
PG Diploma	852	I II Sem	29/06/2017	04/10/2017
PG Diploma	851	I II Sem	29/06/2017	04/10/2017
BA LLB	832	I to x sem	19/06/2017	09/08/2017
LLB	831	I to IV	09/06/2017	09/08/2017
LLM	833 to 847	I to IV	26/05/2017	29/08/2017



MPed	712	I to IV	27/06/2018	20/09/2018
MEd	709	I to IV	09/05/2018	16/07/2018
MPed	712	I to IV	16/06/2017	07/08/2018
MEd	709	I to IV	02/11/2017	02/01/2018
BEd	701	I to IV	16/11/2017	18/08/2017
MBA	672	IV sem	13/06/2018	04/09/2018
MCA	862	All Semester	24/08/2018	15/12/2018
MCA	862	III year II Sem	22/06/2018	12/09/2018
MCA	862	All Semesters	15/02/2018	14/06/2018
MCA	862	III year II Sem	06/06/2018	11/07/2018
PG Diploma	852	I II Sem	27/06/2018	24/08/2018
PG Diploma	851	I II Sem	27/06/2018	24/08/2018
LLB	832	I II sem	29/05/2018	09/08/2018
LLB	831	I to X Sem	19/05/2018	09/08/2018
MSc	607	I to IV	26/07/2018	15/09/2018
MSc	529	I to IV	26/07/2018	27/09/2018
MSc	586	I to IV	26/07/2018	23/10/2018
MSc	585	I to IV	26/07/2018	15/09/2018
MSc	584	I to IV	26/07/2018	08/10/2018
MSc	527	I to IV	26/07/2018	12/11/2018
MSc	526	I to IV	26/07/2018	01/09/2018
MSc	525	I to IV	26/07/2018	29/08/2018
MSc	524	I to IV	26/07/2018	01/09/2018
MSc	523	I to IV	26/07/2018	08/08/2018
MSc	522	I to IV	26/07/2018	27/09/2018
MSc	520	I to IV	26/07/2018	29/08/2018
MSc	519	I to IV	26/07/2018	29/08/2018
MSc	518	I to IV	26/07/2018	05/10/2018
MSc	517	I to IV	26/07/2018	17/09/2018
MSc	516	I to IV	26/07/2018	17/09/2018
MSc	515	I to IV	26/07/2018	29/08/2018
MSc	514	I to IV	26/07/2018	22/09/2018
MSc	513	I to IV	26/07/2018	08/10/2018
MSc	512	I to IV	26/07/2018	09/08/2018
MSc	511	I to IV	26/07/2018	10/10/2018
MSc	510	I to IV	26/07/2018	10/10/2018
MSc	509	I to IV	26/07/2018	08/10/2018
MSc	508	I to IV	26/07/2018	19/09/2018
MSc	507	I to IV	26/07/2018	19/09/2018
MSc	506	I to IV	26/07/2018	23/10/2018

MSc	505	I to IV	26/07/2018	23/10/2018
MSc	504	I to IV	26/07/2018	30/09/2018
MSc	503	I to IV	26/07/2018	15/09/2018
MSc	502	I to IV	26/07/2018	29/08/2018
MCom	409	I to IV	26/07/2018	10/10/2018
MCom	408	I to IV	26/07/2018	10/10/2018
MLibSc	312	I to IV	26/07/2018	28/08/2018
BLibISc	311	I to IV	26/07/2018	09/08/2018
MA	399	I to IV	26/07/2018	19/09/2018
MA	318	I to IV	26/07/2018	24/08/2018
MA	317	I to IV	26/07/2018	20/08/2018
MA	316	I to IV	26/07/2018	11/09/2018
MA	315	I to IV	26/07/2018	04/09/2018
MA	314	I to IV	26/07/2018	20/08/2018
MA	313	I to IV	26/07/2018	11/09/2018
MA	08	I to IV	26/07/2018	10/09/2018
MA	310	I to IV	26/07/2018	23/10/2018
MA	94	I to IV	26/07/2018	10/09/2018
MA	88	I to IV	26/07/2018	20/08/2018
MA	22	I to IV	26/07/2018	01/09/2018
MA	21	I to IV	26/07/2018	05/09/2018
MA	20	I to IV	26/07/2018	23/08/2018
MA	19	I to IV	26/07/2018	23/08/2018
MA	18	I to IV	26/07/2018	11/09/2018
MA	16	I to IV	26/07/2018	20/08/2018
MA	15	I to IV	26/07/2018	04/09/2018
MA	14	I to IV	26/07/2018	04/09/2018
MA	12	I to IV	26/07/2018	20/08/2018
MA	11	I to IV	26/07/2018	23/08/2018
MA	10	I to IV	26/07/2018	23/08/2018
MA	9	I to IV	26/07/2018	23/08/2018
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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	2265	0

## 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)

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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
008	MA	ARABIC	18	12	0
9	MA	ENGLISH	62	54	0
10	MA	HINDI	32	30	0
12	MA	MARATHI	2	2	0
14	MA	TELUGU	34	33	0
15	MA	URDU	8	7	0
16	MA	SANSKRIT	33	32	0
18	MA	PERSAIN	2	2	0
19	MA	PHILOSOPHY	30	28	0
20	MA	ISLAMIC STD.	7	5	0
21	MA	LINGUISTICS	28	17	0
88	MA	A I H C A	22	19	0
94	MA	MCJ IIyr	59	52	0
313	MA	ECONOMICS	59	56	0
314	MA	HISTORY	32	31	0
315	MA	POLITICAL SCIENCE	54	50	0
316	MA	PUBLIC ADMN.	50	45	0
317	MA	SOCIOLOGY	39	36	0
318	MA	PSYCHOLOGY	25	17	0
408	MCom	M.COM.	79	68	0
409	MCom	M.COM. ( IS )	34	32	0
502	MSc	BOTANY	46	43	0
503	MSc	CHEMISTRY	60	52	0
504	MSc	COMPUTER SCIENCE	49	38	0
505	MSc	MATHEMATICS	37	32	0
506	MSc	APPLIED MATHEMATICS	34	26	0
507	MSc	STATISTICS	40	37	0
508	MSc	APPLIED STATISTICS	41	41	0
509	MSc	PHYSICS	69	63	0
510	MSc	ASTRONOMY	12	12	0
511	MSc	ASTROPHYSICS	9	6	0

512	MSc	GEOPHYSICS	27	27	0
514	MSc	BIO-CHEMISTRY	25	22	0
515	MSc	FORENSIC SCIENCE	23	22	0
516	MSc	BIO-TECHNOLOGY	28	27	0
517	MSc	GENETICS	20	20	0
518	MSc	MICROBIOLOGY	25	22	0
519	MSc	ENVIRONMENTAL SCIENCE	29	28	0
522	MSc	APPLIED GEOLOGY	44	42	0
523	MSc	APPLIED GEOCHEMISTRY	13	13	0
524	MSc	GEOGRAPHY	24	22	0
525	MSc	GEO-INFORMATICS	27	26	0
526	MSc	ZOOLOGY	50	48	0
584	MSc	APPLIED ELECTRONICS	12	9	0
586	MSc	MATHS WITH COMP. SCIENCE	39	31	0
672	MBA	MBA(DAY)	123	118	0
673	MBA	MBA(EVNG)	5	4	0
701	BEd	BED	59	57	0
831	LLB	LLB(3YDC)	36	33	0
832	LLB	LLB(5YDC)	66	65	0
834	LLB	Constitutional Law	15	15	0
836	LLB	Corporate Law	14	12	0
837	LLB	Labour Law	13	13	0
839	PG Diploma	Alternative Dispute Resolution	18	17	0
840	PG Diploma	Intellectual Property Rights	20	19	0
841	LLB	International Trade & Economic Laws	23	23	0
851	LLB	CYBER LAWS	61	45	0
852	MCom	INSURANCE &	46	41	0

		TAXATION			
862	MCA	MCA	32	26	0
712	MPed	MPED	32	32	0
31	MA	JUNIOR FRENCH	33	13	0
32	MA	JUNIOR GERMAN	76	52	0
36	MA	SENIOR FRENCH	12	6	0
37	MA	SENIOR GREMAN	35	20	0
25	PG Diploma	PGDASM-ARC.S CI.&MANUSCRIPT.	7	7	0
530	PG Diploma	PGDCRT-GEO.CARTOGRAPHY	5	5	0
28	PG Diploma	PGD IN FUNCTIONAL HINDI	19	19	0
30	PG Diploma	PGDMUS-MUSEOLOGY	8	8	0
48	PG Diploma	PGDSAN-SANSKRIT	11	11	0
412	PG Diploma	PGDTAX-TAXATION	4	4	0
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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)

[The University has several support services and general facilities for students. The IOAC insists all the colleges to incorporate the information about the availability of such services and facilities in the Hand Book / College Bulletin / Brochure made available to all the students every year. Further, the details are also available on the University's web portal.](#)

## 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. Surya Dhanamjay	Indira Priyadarshini National Award	18/11/2017	Health Care International
National	Prof. Sriram Venkatesh	Engineer of the year by Institute of Engineers,	15/09/2017	Institute of Engineers

		Telangana Charter		
National	Prof. B. Sasidhar Rao	Best Teacher Award	20/09/2018	State
National	Prof. Manohara Chary	YS Murthy Endowment Lecture Award IBS2017	15/06/2017	YS Murthy
National	Prof. (Mrs.) B. Prathibha Devi	UGC BSR Faculty Fellowship, New Delhi	15/06/2017	UGC
International	Sandeeptha Burgula	Visiting Research Professor	02/02/2017	ASMINDOUSSTE
<a href="#">View File</a>				

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
JRF/SRF	5	UGC, ICSSR, MHRD, ICHR
PDF	3	CSIR, ICSSR, ICHR
RA	5	UGC
FDP	5	Gouvernement of Telangana Osmania University.
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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	4	OUUPE FARIIII 2, OUUPEFAR/III4, OUUPEFAR/IIa, UGCUPE FAR, UGCUPEFAR, Govt. of INDIA, funded by UGC, New Delhi, by SERB, Department of Science and Technology, Govt of India, UGCUPE,	83.96	30
Major Projects	5	UGC	10.15	5
Minor Projects	1	1	12	3
Major Projects	6	1	67.5	21.28
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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
Advance Electromagnetic Engineering	Electronics Commn. Engineering	08/11/2017
Theory and Applications of Correlation Filters in Computer vision	Electronics Commn. Engineering	17/11/2017
Opportunities Challenges and research trends in wireless sensor Networks	Electronics Commn. Engineering	15/12/2017
Learning From Past Marching towards Future	Electronics Commn. Engineering	30/12/2017
Guest Lecture	Dr Y Srinivasa Rao, Director, RCI, DRDL	14/03/2018
Technical Lecture Sessions by industry experts	12th SAE India National Student Convention	31/03/2018
Selected faculty students	Capgemini's technology event Tech Fiesta 2018	14/06/2017
Tech Talk session by CA Technologies	Mr . Prasad Purushothaman, Director, Strategy and Technology Office	23/01/2018
Online Aptitude and Softskills Training Courses	Time Institute	24/03/2018
Interviews	Time Institute	21/02/2018
on how to start a start up and become entrepreneur	MrVenkat Reddy, Proprietor, Karshak Printers	20/04/2018
an interactive session on starting a startup	MrPraveen Dorna, cofounder of startupbyte	22/03/2018
ICIBAG2018	Genetics and Biotechnology	18/03/2018
Four Day Workshopn on Scilab and Python	Mathematics	20/09/2017
Contemporary Approaches in Scientific Computing	Mathematics	30/08/2018
Techno Pharmac 2k18 On Recent trends in Pharmaceutical Sciences	Pharmacy	23/03/2018
World PharmacistDay Pharmacists Your Medicines Experts	Pharmacy	25/09/2017
H.E.H Nawab Mir Osman Ali Khan Bahadur Nizam VIILife Work	Arabic	29/03/2018
One National Seminar	Linguistics	28/11/2017

One Workshop	Linguistics	01/12/2017
Annual Departmental PG conference	Commerce	27/11/2017
Prenana	Commerce	07/02/2018
National Seminar on Indian Financial Services A Way A Head	Commerce	17/02/2018
FDP Programme on Strategic Management Taxation	Commerce	21/02/2018
FDP Programme on Practice of Life Insurance	Commerce	07/03/2018
FDP Programme on Computerized Accounting	Commerce	21/07/2018
Awareness of Entrepreneurship to promote Startups	Bio Medical Engineering	15/01/2018
Howto start a start up and become entrepreneur	Bio Medical Engineering	20/04/2018
An interactive session on starting a startup	Bio Medical Engineering	21/03/2018
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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
Translating to Health and Cinical Practice	Dr. B. Bhima	Pai 2018	17/02/2018	Yong Invesigator Award
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### 3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
OU Idea labs	Idea Labs OU	University College of Engineering	Krishiardi	Low cost Automatic Sowing plant	20/04/2017
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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
ECE	3
Mechanical Engineering	4
Education (IASE)	11
Physical Education	10
Arabic	2



Comm. Journalism	2
English	29
Hindi	6
Applied Geochemistry	3
Astronomy	1
Biochemistry	6
Botany	15
Chemistry	80
Genetics	30
Geography	14
Geophysics	10
Mathematics	10
Microbiology	8
Physics	14
Statistics	2
Zoology	14
Technology	4
Pharmacy	1
AIHCA	1
Islamic Studies	1
Sanskrit	2
Telugu	29
Urdu	4
Economics	28
History	2
Library Science	2
Political Science	3
Psychology	2
Public Administration	16
Sociology	16
Commerce	28
Business Management	36
Civil Engineering	3
CSE	10
Electrical Engineering	4

#### 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	AIHCA	2	0
National	Arabic	6	0

International	Arabic	1	0
National	English	14	0
International	English	4	0
National	Hindi	2	0
National	Economics	8	3.5
International	Economics	3	3.75
International	Political Science	6	0
International	Public Administration	1	0
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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
Botany	3
Biochemistry	10
Astronomy	4
Physical Education	15
Education	15
Mechanical Engineering	4
Electrical Engg	61
Computer Science Engineering	10
Business Management	2
Commerce	63
Sociology	200
Public Administration	1
Library Science	3
History	5
Urdu	2
Sanskrit	2
Kannada	1
Hindi	2
English	7
Arabic	3
AIHCA	1
Technology	59
Zoology	33
Physics	3
Geography	2
Genetics	1
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Prof. V. Shekhar Arun Model	Filed	Awaiting	15/02/2018
fdsgffs	Filed	Applicatio	13/02/2018
Published inn the Offical Journal of Patent, Issue No.48/2017, Page No. 45227	Filed	ghhfhfg	20/06/2018
Published inn the Offical Journal of Patent, Issue No.09/2018, Page No. 7745	Filed	Applicatio	01/12/2017
Process Patent Filed: Method for the synthesis of coding sequence of choice directly from Genomic DNA	Filed	Applicatio	02/03/2018
dfsdfsdfsdfs	Filed	dfsfsdf	12/12/2018
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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
Analysis of THD for Cascaded H Bridge Inverter Topology with reduced Number of Switches using Multicarrier Pulse Width Modulation Techniques	Dr. P. Satish Kumar	First International Conference on Electrical Sciences	2017	0	Electrical Engineering	0
A New Generalized Asymmetrical Cascade Multilevel Inverter Topology	Dr. P. Satish Kumar	Sixth Intl. Conf. On Advances In Computing, Control	2017	0	Electrical Engineering	0

with Reduced Power Electronic Switches and Dc Sources		And Networking				
A Simplified Space Vector Pulse Width Modulation Method Including Over Modulation Operation for Five Level Cascaded HBridge Inverter with FPGA Implementation	Dr. P. Satish Kumar	International Journal of Power Electronics and Drive System (IJPEDS) No. 3, Vol 8	2017	0	Electrical Engineering	0
A Space Vector Pulse Width Modulation Technique for Five Level Cascaded HBridge Inverter Including Over Modulation Region with FPGA Implementation	Dr. P. Satish Kumar	International Journal of Power Electronics Vol.8, No:3	2017	0	Electrical Engineering	0
An Improved Space Vector Pulse Width Modulation Technique for Three Level Neutral point	Dr. P. Satish Kumar	International Conference on Electrical Electronics, Materials and applied science	2017	0	Electrical Engineering	0

clamped MLI with reduced THD						
Analysis and comparison of various pulse width modulation strategies for hybrid inverter with reduced number of components	Dr. P. Satish Kumar	International Journal of inventions in Engineering Science Technology, Vol 3, No 3	2017	0	Electrical Engineering	0
Performance Analysis of FPGA based Diode Clamped Multilevel Inverter Fed Induction Motor Drive using Phase Opposition Disposition Multicarrier Based Modulation Strategy	Dr. P. Satish Kumar	International Journal of Power Electronics and Drive System, Vol. 8, No. 4	2017	0	Electrical Engineering	0
Evaluation of Carrier Based Neutral Point Potential Regulator with Small DC Link Capacitors for Diode Clamped Inverter	Dr. P. Satish Kumar	International Journal of Inventions in Electronics Electrical Engineering (IJIEEE), Vol. 3	2017	0	Electrical Engineering	0
Performance Evaluation of Multicarrier	Dr. P. Satish Kumar	Energy Procedia	2017	0	Electrical Engineering	0

Based Techniques for Single Phase Hybrid Multilevel Inverter Using Reduced Switches						
Multi objective Microgenetic Algorithm Based Planning and Sizing of Distributed Generation with Different Load Models	Mr. CH. Siva Kumar	International Conference on Innovative Technologies in Engineering	2017	0	Electrical Engineering	0
Enhancement of power quality using UPQC for a hybrid SOFC and PMSG based wind energy system connected to weak grid	Mr. CH. Siva Kumar	International Conference on Recent Innovations in Electrical and Electronic Engineering 2017 (ICR IEEE2017), HELIX.	2017	0	Electrical Engineering	0
Reliability Improvement of Transmission System with Incorporation of Unified Power Flow Controller	Mrs. E. Sreeshobha	International Conference on Innovative Technologies in Engineering	2018	0	Electrical Engineering	0
Implementation of Load Flow Based Reliability Indices Evaluation	Mrs. E. Sreeshobha	IEEE sponsored International Conference on Electronics,	2018	0	Electrical Engineering	0

Methods and Comparison with Constant Capacity Based Reliability Indices Evaluation for Three Bus Systems		Computers, Communication, Mechanical and Computing				
Generalized Algorithm of Reverse Mapping Based SVPWM Strategy for Diode Clamped Multilevel Inverters	Dr. N. Susheela	IEEE Transactions on Industry Applications Volume 54 , Issue 3	2018	0	Electrical Engineering	0
Analysis and comparison of various pulse width modulation strategies for hybrid inverter with reduced number of components	Dr. N. Susheela	International Journal of inventions in Engineering Science Technology, Vol 3, No 3	2017	0	Electrical Engineering	0
Performance Analysis of FPGA based Diode Clamped Multilevel Inverter Fed Induction Motor Drive using Phase Opposition Disposition Multicarrier Based	Dr. N. Susheela	International Journal of Power Electronics and Drive System, Vol. 8, No. 4	2017	0	Electrical Engineering	0

Modulation Strategy							
Evaluation of Carrier Based Neutral Point Potential Regulator with Small DC Link Capacitors for Diode Clamped Inverter	Dr. N. Susheela	International Journal of Inventions in Electronics Electrical Engineering (IJIEEE), Vol. 3	2017	0	Electrical Engineering	0	
Performance Evaluation of Multicarrier Based Techniques for Single Phase Hybrid Multilevel Inverter Using Reduced Switches	Dr. N. Susheela	Energy Procedia	2017	0	Electrical Engineering	0	
Comparative Analysis of Carrier Based Techniques for Single phase Diode Clamped MLI and Hybrid Inverter with Reduced Components	Dr. N. Susheela	Indonesian Journal of Electrical Engineering and Computer Science Vol. 7, No. 3	2017	0	Electrical Engineering	0	
Evaluation of Carrier Based Neutral Point Potential Regulator with Small DC Link Capacitors for Diode	Dr. N. Susheela	Evaluation of Carrier Based Neutral Point Potential Regulator with Small DC Link Capacitors for Diode	2017	0	Electrical Engineering	0	



Clamped Inverter		Clamped Inverter					
Locational Marginal Price Based Optimal Location of UPFC for Power System Security Improvement	Mrs. N. Srilatha	International Conference on Innovative Technologies in Engineering	2018	0	Electrical Engineering	0	
A Simplified Space Vector Pulse Width Modulation Method Including Over Modulation Operation for Five Level Cascaded HBridge Inverter with FPGA Implementation	Dr. B. Sirisha	International Journal of Power Electronics and Drive System (IJPEDS) No. 3, Vol 8	2017	0	Electrical Engineering	0	
A Space Vector Pulse Width Modulation Technique for Five Level Cascaded HBridge Inverter Including Over Modulation Region with FPGA Implementation	Dr. B. Sirisha	International Journal of Power Electronics Vol.8, No:3	2017	0	Electrical Engineering	0	
Protein Sequence Design and Analysis: BLAST	Dr. J. Upendar	International Journal of Electronics,	2017	0	Electrical Engineering	0	

based Computational Approaches		Electrical and Computational System, Nov 2017				
Design and Implementation of Maximum Power Tracking System According to the Sun Direction (Model Sun Flower)	Dr. J. Upendar	International Journal of Research, Volume 04, Issue 08, Pp. 10211030, July 2017. (pISSN: 23486848) (UGC Approved Journal)	2018	0	Electrical Engineering	0
Optimal Planning of Multiple Distributed Generation Units in Distribution Network using Ant Colony Search Algorithm	Mr. S. Vijender Reddy	International Conference Innovative Technologies in Engineering (ICITE2018) 11th13th April, 2018.	2018	0	Electrical Engineering	0
Neuro Fuzzy Inference TCSC Based Multi Machine System Stability Enhancement of DFIG Off shore Wind Farm	Mr. G. Srikanth	International Conference on Innovative Technologies in Engineering	2018	0	Electrical Engineering	0
Reliability Evaluation of Radial Feeder for Different Proportional Failures Occurring in Adverse Weather	Mr. G. Kiran Kumar	International Journal of Electronics, Electrical and Computational System ISSN 2348117X Volume 6,	2017	0	Electrical Engineering	0

		Issue 11 November 2017				
Reliability Analysis of Two Weather Modelled Substation and Its Impact on Practical LV HV Distribution Systems	Mr. G. Kiran Kumar	International Journal of Emerging Technology and Advanced Engineering , Volume 7, Special Issue 1, December 2017	2017	0	Electrical Engineering	0
Role of drug transporters and heat shock proteins during ethanol exposure to human neural precursor cells and its lineages	Vishwakarma Sandeep Kumar, Nusrath Fatima Chandrakala Lakshmi, Nagaraju, Avinash Bardia, A. Sandhya, Syed Ameer Basha Paspala, Vishnupriya Satti, and Aleem Ahmed Khan	Tissue and Cell	2018	0	Genetics	2
Protective Role of Hypothermia Against Heat Stress in Differentiated and Undifferentiated Human Neural Precursor Cells A Differential Approach for the Treatment of Traumatic Brain Injury.	Vishwakarma S.K. Bardia, A Fathima N. Chandrakala, L Rahmathulla, S Raju, N. Srinivas, G. Raj. A. Sandhya, A. Satti, V. and Tiwari S.K.	Basic and Clinical Neuroscience	2017	0	Genetics	2

Association of CDKN2BAS gene polymorphism with periodontitis and coronary Artery Disease from South Indian population. Jun 4. pii: so3781119(19)305505.	Mangalarapu M. Vinukonda S, Komaravalli PL, Nagula P, Koduganti RR, Korripally P, Sagurthi SR.	Gene	2018	0	Genetics	2
Phosphatase of Leishmania donovani exhibits conserved catalytic residues and proinflammatory response.	Rahila Qureshi Pranay Jakkula SR Sagurthi Insaf Ahmed Qureshipp	Biochemical and Biophysical Research Communications (BBRC)	2018	0	Genetics	2
Synthesis and cytotoxicity of novel 140 (1,4 disubstituted 1,2,3 triazolyl) ester derivatives of andrographolide	Sudhkar, Reddy. madhukar, Naveenvadivala, Some shkbanerjee, Paroyfbs, IC Krishna Bharathireddy, Someswar, Prasad Rao	Natural Product Research.	2018	0	Genetics	2
Structural and functional insights into phosphomannose isomerase the role of zinc and catalytic residues.	Bangera M, Gowda K G, Sagurthi SR, Murthy MRN.	Acta Crystallogr D Struct Biol.	2018	0	Genetics	3
synthesis and	Shiva Raju K,	bmcl	2018	0	Genetics	2

biological evaluation of 1Hpyrrolo (2,3d) Pyr imidinel,2 .3triazole derivative s as novel antituberc ular agents.	AnkiReddy S, Sabitha G, Siva Krishna V, Sriram D, Bharathi Reddy K, Rao Sagurthi S.					
Leishmania donovani pp2c: kinetics, Structural attributes and in vitro immune response.	Jakkula Pranay, Rahila Qureshi, Atif Iqbal SR Sagurthi and Insaf A. Qureshi	mol Biochem Parasitol	2018	0	Genetics	2
Geophysical attributes to evaluate subsurface structural features using ground magnetic data in parts of Karimnagar district, Telangana, Journal of Indian Geo physical Union,	Laxminaray ana, M., Ram Raj Mathur and Anand	Indian Geo physical Union	2017	0	Geophysics	0
Sea Water intrusion into shallow coastal Aquifers of Kelwama him, Palghar District, Maharashtra using electrical methods, Indian	Goud, K. B. and Ram Raj Mathur,	Applied Research	2018	0	Geophysics	0

Geochemical Signatures for the identification of seawater intrusion in an alluvial aquifer in Palghar District, Maharashtra	Goud, K. B. and Ram Raj Mathur	International Journal of Recent Scientific Research	2018	0	Geophysics	0
Efficacy of Integrated Geophysical Techniques in Delineating Groundwater Potential Zones in the Deccan Basalt Region of Maharashtra	Ram Raj Mathur and Rao, S. K,	Indian Geophysical Union	2018	0	Geophysics	0
Ground Electrical and Electromagnetic Studies in Koyna-Warna Region, India	Prasanta K. Patro, Ujjal K. Borah, Ashok Babu., Veeraiah, B and Sarma, S.V.S	Soci. of India	2017	0	Geophysics	0
Deep Resistivity signatures across the Chitradurga shear zone of Dharwar craton, India	Veeraiah, B and Ashok Babu	Geophysical Union	2017	0	Geophysics	0
Application of Well Logging Techniques for Identification	Srinaiiah J, Raju D, Udayalaxmi G and Ramadass	Geol Geophysics	2018	0	Geophysics	0

fication of Coal Seams:A Case Study of Auranga Coalfield, Latehar District, Jharkhand State, India.	G,					
Analysis Of Rainfall Data In The South Western Part Of Godavari River Basin, Jagityal District, Telangana State India.	Alekhya, K., Ramadas, G. and UdayaLaxmi, G.	Applied Research	2018	0	Geophysics	0
Application of remote sensing and GIS mapping for Hydrogeomorphological and land use studies in Southern parts of Godavari river basin, Jagityal District, T.S. India.	Alekhya, K., Ramadas, G. and UdayaLaxmi, G.	Natural and Applied Sciences	2017	0	Geophysics	0
Structural Delineation With Geophysical Approach In Parts Of Eastern Darwar Craton.	UdayaLaxmi, Telu Raju, LingaSwamyJogu, K.Venu	Civil Engineering and Technology ( IJCIET)	2017	0	Geophysics	0
Optimisation of	Naveen Mahadeva,	Research in Environ	2017	0	Geophysics	0

Parameters in Seismic data acquisition for better subsurface imaging in Eastern Gamij, Gujarat	Dr.G. Uday aLaxmi, Arjeesh Gupta	mental and Earth Science				
Importance of health and fitness in life	Dr. Md. Akhter Ali	International federation of computer science in sports	2017	0	Geography	0
Influence of physical education and sports in Students life	Dr. Md. Akhter Ali	International federation of computer science in sports	2017	0	Geography	0
Socio Economic ststus of working women in shamshabad area	Dr. Md. Akhter Ali	Jai Maa Sarawati gyanadyani	2017	0	Geography	0
A Global problem on groundwater depletion: A study of hyderabad	Dr. Md. Akhter Ali	Aarhat publication Aarhat journals	2018	0	Geography	0
Polymorphisms in the TFAM and . . . . .syndrome among South Indian Women.	Tumu Venkat Reddy . . . . . Bhanoori Manjula	Gene	2017	4	Biochemistry	3
Impact of mitochondrial DNA copy number and displacement loop alterations on	Tumu Venkat Reddy . . . . . Bhanoori Manjula	Mitochondrion	2017	3	Biochemistry	4



polycystic ovary syndrome risk in south Indian Women						
Vitamin D receptor gene polycystic ovary syndrome in south Indian Women	Swapna Sidamalla... .. Bhanoori Manjula	Gynecol Endocrinol	2018	8	Biochemistry	0
Influence of tumour suppressor gene ..... syndrome in south Indian Women	Swapna Sidamalla... .. Bhanoori Manjula	Eur J Obstet Gynecol Reprod Biol	2018	3	Biochemistry	0
Inhibitory action of Forskolin and its semisynthetic .... In vitro studies	Deepika Godugu ..... Karuna Rupula	The Natural products Journal	2017	0	0	0
Biogenic synthesis, characterization and antifungal activity of gum .....mode of action.	Dakshayani Malkapur, Manju, S. Devi, Karuna Rupula Sashidhar, R.B.	IET Nanobiotechnology	2017	0	0	0
Evaluation of anti-inflammatory and .... In vitro studies.	Deepika Godugu ..... Karuna Rupula Sashidhar, R.B.	Journal of Biologically active products from nature	2017	0	0	0
TLCDigital ImageBased fluorometric analysis . .....Fusarium verti	Tanuja Kosuri, Sujatha Nayak, Mir Zahoor Gul, Karuna	Food analytical methods	2017	0	0	0

cillioides	Rupula Sashidhar, R.B.					
Siddharama na Vachana galalli Kula vivechene	Prof. Lingappa M	Hosatu ISSN 23197307	2018	0	bjghjfgghd gh	0
ghfghf	ghgh	Joutnal	2018	0	Snaskrit Academy, OU	0
dfsdf	fsdfsad	Viswabhara ti	2018	0	Pondichary University	0
Hindu Rama and Indian Krishna	Dr. Bheenaveni Ram Shepherd	Minstream	2017	54214	asdfsadf	0
The way to understand Kancha Ilaiahs works	Dr. Bheenaveni Ram Shepherd	Minstream	2018	54214	dfsafsd	0
Knowledge outlook of Indian consumer toward BHIM App	Prof. V. Shekhar Dr. A. ArunKumar	Indian Journal of Marking	2018	0	DBM, OU	0
Invigorati on Knowledge sharing in Indian Higher Education Institutio n	Prof. V. Shekhar Dr. A. Arun Kumar	Prardhardan IJM	2017	0	DBM, OU	2
Multisenso r data fusion based early warning system for wireless healthcare monitoring	Prof.M. Malini	Internatio nal Journal of Computatio nal Engine ering Research (IJCER), I SSN(e):225 03005, Volume08 Issue6,	2018	225030	BME	0
A novel method for recognizin g eye movements	Prof. M. Malini	Thirldr Int ernational IEEE conference on	2017	2	BME	0

using NN classifier		Sensing, Signal Processing and Security (ICSSS), 45 May 2017, St. Peters College of Engineering , Chennai, India. Published in IEEE Digital Xplore				
Gait analysis	Prof.M. Malini Mr.M. Venkateswara Rao	International Journal of Computing, Communications amp Instrumentation Engg. (IJCCIE), Vol4, Issue1,2017	2017	0	BME	0
Blood glucose monitoring techniques : recent advances, challenges and future perspectives	Mr.D. Suman	International Journal of Advanced Technology and Engineering Exploration, Vol 5,2018	2018	0	BME	0
Performance Evaluation of Different Denoising Techniques for physiological Signals	Mr.D. Suman	14th IEEE India Council International Conference (INDICON)1517 December 2017, IIT Roorkee, India	2017	1	BME	0
Implementation of an Arrhythmia Detection Scheme	Mr.D Suman	IEEE Calcutta conference (CALCON), December	2017	5	BME	0

with Cellular Based Alert Framework Mr.D. Suman		23 2017 the Lalit Great Eastern 1,2,3 Old Court House Street, Dalhousie square, Kolkata 700069.				
ANN based joint Time and frequency analysis of EEG for detection of driver drowsiness	Mr.D.Suman	Implementation of an Arrhythmia Detection Scheme with Cellular Based Alert Framework	2017	0	BME	0
Joint time frequency analysis of EEG for the drowsiness detection: a study of cognitive behavioural patterns of the brain,	Mr.D.Suman	Int.J. Vehicle Safety, Vol. No.3, pp.262277. 2017	2017	0	BME	0
A Review on Thyroid Segmentation and Volume Estimation Using Image Processing	Mr. Kiran Kore	International Journal of Innovative Research in Technology December 2017 IJRT Volume 1 Issue 7 ISSN: 23496002	2017	0	BME	0
Green Blend of Nanomaterials with unique Reference to Ecological and	Mr. Kiran Kore	International Journal of Innovative Research in Technology December 2017 IJIRT	2017	0	BME	0

Biomedical applications		Volume 4 Issue 7 ISSN: 23496002				
Characterization of SPEC benchmarks	Dr. R. Hemalatha	Scopus journal in international journal of pure and applied mathematics (scopus Indexed) Vol/118, No 24, 112 ISSN: 13143395	2017	0	00	0
A novel Robotic Arm Design for small Scale industries using my RIO	Dr. R. Hemalatha	Scopus journal in international journal of Engineering Technology, (Scopus Indexed) Issue No. 4.6 (2018) Vol: 7 no:25760 ISSN 2227524X SJR 0.102	2017	0	00	0
A Modified Algorithm for Power System State Estimation	Prof. G. Yesuratnam	International Conference on Innovative Technologies in Engineering	2018	0	Electrical Engineering	0
Ant colony optimization on algorithm based optimal reactive power dispatch to improve voltage stability	Prof. G. Yesuratnam	International Conference on Circuit, Power and Computing Technologies (ICCPCT), 2021 April 2017	2017	0	Electrical Engineering	0
Optimal Planning	Prof. M. Manjula	International	2018	0	Electrical Engineering	0

of Multiple Distributed Generation Units in Distribution Network using Ant Colony Search Algorithm		Conference Innovative Technologies in Engineering (ICITE2018) 11th 13th April, 2018.			g	
Enhancement of Power Quality using UPQC for Hybrid SOFC and DFIG based Wind Energy System Connected to Weak Grid	Prof. G. Mallesham	2018 IEEE International Conference on Innovative Smartgrid Technologies (ISGT ASIA 2018), May 2225, Singapore	2018	0	Electrical Engineering	0
Multi objective Micro genetic Algorithm Based Planning and Sizing of Distributed Generation with Different Load Models	Prof. G. Mallesham	International Conference on Innovative Technologies in Engineering	2018	0	Electrical Engineering	0
Neuro Fuzzy Inference TCSC Based Multi Machine System Stability Enhancement of DFIG Off shore Wind Farm	Prof. G. Mallesham	International Conference on Innovative Technologies in Engineering	2018	0	Electrical Engineering	0
Significance of Shunt Compensators in	Dr. E. Vidya Sagar	International Journal of Emerging Technology	2017	0	Electrical Engineering	0

Improving Reliability Performance of an Interconnected Power System Network		and Advanced Engineering , Volume 7, Special Issue 1, December 2017				
Reliability Evaluation of Distribution System with Centralized Star Automation Scheme	Dr. E. Vidya Sagar	International Journal of Electronics, Electrical and Computational System ISSN 2348117X Volume 6, Issue 11 November 2017:	2018	0	Electrical Engineering	0
Reliability Evaluation of Radial Feeder for Different Proportional Failures Occurring in Adverse Weather	Dr. E. Vidya Sagar	International Journal of Electronics, Electrical and Computational System ISSN 2348117X Volume 6, Issue 11 November 2017	2018	0	Electrical Engineering	0
Reliability Evaluation of a Power System Network Due to Shortage of both Active and Reactive Power	Dr. E. Vidya Sagar	International Journal of Electronics, Electrical and Computational System ISSN 2348117X Volume 6, Issue 11 November 2017	2018	0	Electrical Engineering	0
Reliability	Dr. E. Vidya	International	2017	0	Electrical Engineering	0

Evaluation of Substation Equipped With Fault Current Limiter and Automation Scheme	Sagar	Journal of Electronic s, Electrical and Computational System ISSN 2348117X Volume 6, Issue 11 November 2017			g	
Reliability Based Priority Allocation of Contingencies in a Complex Power System Network	Dr. E. Vidya Sagar	International Journal on Future Revolution in Computer Science Communication Engineering , Volume: 3 Issue: 12 , pp155159, , ISSN: 24544248	2017	0	Electrical Engineering	0
Reliability Modelling and Analysis of Distribution System Considering Weather Effects on Substation and HVDS Concept on Feeder	Dr. E. Vidya Sagar	International Journal of Advance Engineering and Research Development , Volume 4, Issue 12, December 2017, eISSN (O): 23484470pISSN (P): 23486406 Impact Factor: 4.72	2017	0	Electrical Engineering	0
Reliability Analysis of Sectionalized Busbar with Redundant	Dr. E. Vidya Sagar	International Journal for Research in Applied Science En	2017	0	Electrical Engineering	0



Star Automation Scheme and its Impact on Radial Feeder		gineering Technology , Volume 5 Issue XII December 2017 ISSN: 23219653 Impact Factor: 6.887				
Reliability Analysis of Two Weather Modeled Substation and Its Impact on Practical LV HV Distribution Systems	Dr. E. Vidya Sagar	International Journal of Emerging Technology and Advanced Engineering , Volume 7, Special Issue 1, December 2017	2017	0	Electrical Engineering	0
Effect Of Alternative Supply, Disconnecting Switches And Fault Passage Indicators On Reliability Of Radial Distribution Feeder	Dr. E. Vidya Sagar	Indian Journal of Science and Research, ISSN: 22500138 (Online) Impact Factor:2.153	2017	0	Electrical Engineering	0
Reliability Modelling and Analysis of Distribution System Considering Weather Effects on Substation and HVDS Concept on Feeder	Dr. E. Vidya Sagar Dr. E. Vidya Sagar	International Journal of Advance Engineering and Research Development , Volume 4, Issue 12, December 2017, eISSN (O): 23484470pISSN (P): 23486406 Impact Factor: 4.72	2017	0	Electrical Engineering	0

Reliability Analysis of Sectionalized Busbar with Redundant Star Automation Scheme and its Impact on Radial Feeder	Dr. E. Vidya Sagar	International Journal for Research in Applied Science Engineering Technology , Volume 5 Issue XII December 2017 ISSN: 23219653 Impact Factor: 6.887	2017	0	Electrical Engineering	0
Reliability Analysis of Two Weather Modeled Substation and Its Impact on Practical LV HV Distribution Systems	Dr. E. Vidya Sagar	International Journal of Emerging Technology and Advanced Engineering , Volume 7, Special Issue 1, December 2017	2017	0	Electrical Engineering	0
Effect Of Alternative Supply, Disconnecting Switches And Fault Passage Indicators On Reliability Of Radial Distribution Feeder	Dr. E. Vidya Sagar	Indian Journal of Science and Research, ISSN: 22500138 (Online) Impact Factor:2.153	2017	0	Electrical Engineering	0
Generalized Algorithm of Reverse Mapping Based SVPWM Strategy for DiodeC lamped Multilevel Inverters	Dr. P. Satish Kumar	IEEE Transactions on Industry Applications Volume 54 , Issue 3	2018	0	Electrical Engineering	0

Simplified Space Vector Pulse Width Modulation Based on Switching Schemes with Reduced Switching Frequency and Harmonics for Five Level Cascaded HBridge Inverter	Dr. P. Satish Kumar	International Journal of Electrical and Computer Engineering (IJECE) Vol. 8, No. 5, October 2018, pp. 3417~3426 ISSN: 20888708, DOI: 10.11591/ijece.v8i5.pp34173426.	2018	0	Electrical Engineering	0
Implementation and Performance Analysis of Cascaded Multilevel Inverter using Modified SVPWM Techniques	Dr. P. Satish Kumar	International Journal of Power Electronics. (Inderscience Publications). vol.9, no. 3	2017	0	Electrical Engineering	0
Analysis and Implementation of Unipolar PWM Strategies for Three Phase Cascade Multilevel Inverter Fed Induction Motor Drive	Dr. P. Satish Kumar	International Journal of Advances in Applied Sciences	2017	0	Electrical Engineering	0
Multi objective Microgenetic Algorithm Based Planning and Sizing of Distrib	Dr. P. Satish Kumar	International Conference on Innovative Technologies in Engineering	2017	0	Electrical Engineering	0

uted Generation with Different Load Models						
A Novel Generalized topology for Multilevel Inverter with Switched seriesparallel DC Sources	Dr. P. Satish Kumar	International Journal of Engineering, Vol 30, No 6	2017	0	Electrical Engineering	0
Phase Disposition PWM Techniques for Eleven level Cascaded Multilevel Inverter with Reduced number of Carriers	Dr. P. Satish Kumar	Asian Power Electronics Journal (APEJ), Vol. 11, No. 1	2017	0	Electrical Engineering	0
Performance analysis of modified SVPWM strategies for three phase cascaded Multilevel Inverter fed Induction motor drive	Dr. P. Satish Kumar	International Journal of Power electronics drives, Vol 8, No 2	2017	0	Electrical Engineering	0
Performance Comparison of Star Connected Cascaded STATCOM for Different PWM Techniques	Dr. P. Satish Kumar	International Journal of Power Electronics and Drive Systems, vol. 8, no. 3	2017	0	Electrical Engineering	0

A Novel Generalised Topology for Multilevel Inverter with Switched Series Parallel DC Sources	Dr. P. Satish Kumar	International Journal of Engineering (IJE) TRANSACTIONS C : Aspects, Vol. 30, No. 6	2017	0	Electrical Engineering	0
Modeling, Analysis and Comparative of Down Sampling Based Clamping SVPWM for Cascaded and Diode Clamped Multilevel Inverter fed Induction Motor Drive	Dr. P. Satish Kumar	Indonesian Journal of Electrical Engineering and Computer Science	2017	0	Electrical Engineering	0
Design and performance analysis of Cascaded Multilevel STATCOM	Dr. P. Satish Kumar	International Journal of Control theory and Applications, Vol 10, No 16	2017	0	Electrical Engineering	0
Analysis of Level Shifted Modulation Strategies Applied to Cascaded HBridge MultiLevel Inverter Fed Induction Motor Drive	Dr. P. Satish Kumar	Sixth Intl. Conf. On Advances In Computing, Control And Networking	2017	0	Electrical Engineering	0
Design and Performance Comparison of 7level	Dr. P. Satish Kumar	Sixth Intl. Conf. On Advances In	2017	0	Electrical Engineering	0

Diode Clamped Multilevel Inverter for Modified SVPWM Techniques		Computing, Control And Networking				
A Novel PWM Technique to Reduce Total Harmonic Distortion for Multilevel Inverters	Dr. P. Satish Kumar	Innovations in Electrical and Electronics Engineering	2017	0	Electrical Engineering	0
Performance Analysis of Diagonal DC Source Cascaded H Bridge MLI using Multicarrier Pulse Width Modulation Techniques	Dr. P. Satish Kumar	International Conference on Recent Innovations in Electrical and Electronics Engineering	2017	0	Electrical Engineering	0
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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
Book	Dr. C. Goverdhan	Analytical Solid Geometry Book)	2018	1	1	Mathematics
0	Dr. K. Shiva Kumar	0	2018	14	0	Chemistry
0	Dr. Raju J Reddy	0	2018	15	0	Chemistry
00	Dr. A Hari Padmasri	0	2018	18	0	Chemistry
0	Dr.D.A Padmavathi	0	2018	5	0	Chemistry
0	Prof. A.K. D. Bhavani	0	2018	6	0	Chemistry

0	Prof. M.Vi jjulatha	0	2018	10	0	Chemistry
0	Prof. B. Manohar	0	2018	8	0	Chemistry
0	Prof. P. Leelavathi	0	2018	6	0	Chemistry
0	Prof. T. P arthasarat hy	0	2018	6	0	Chemistry
0	Prof. Veer asomaiah	0	2018	7	0	Chemistry
0	Prof. Shivaraj	0	2018	9	0	Chemistry
0	Prof. D. Ashok	0	2018	10	0	Chemistry
0	Prof Ch. Saraladevi	0	2018	6	0	Chemistry
0	Prof. G. V eerabhadr am	0	2018	8	0	Chemistry
0	Prof M Vithal	0	2018	19	0	Chemistry
Path Loss Model Opti mization using Stochastic Hybrid Genetic Alogorithm	Dr. R. Hemalatha	Internatio nal Journal of Engineerin g Technology	2018	15	0	0
All Papers	Dr K Buschaiah	0	2018	1	3	UCE OU
All Papers	Prof U Ashok Kumar	0	2018	2	6	UCE OU
All Papers	Dr T Nagaveni	0	2017	1	0	UCE OU
All Papers	Dr L Siva Rama Krishna	0	2017	2	5	UCE OU
All Papers	Prof K Sar aswathamma	0	2018	2	5	UCE OU
All Papers	Prof P Usha Sri	0	2018	5	0	UCE OU
All Papers	Prof A Krishnaiah	0	2018	5	19	UCE OU
All Papers	Prof Sriram Venkatesh	0	2018	5	30	UCE OU

All Papers	Prof.P. Ramesh Babu	0	2018	3	6	UCE OU
All Papers	Prof P Laxminarayana	0	2018	3	121	UCE OU
Green Blend of nanomaterials with ?unique Reference to Ecological and Biomedical Applications	Mr. Kiran Kore	International Journal of Innovative Research in Technology December 2017/IJIRT/ Volume 4 Issue 7/ISSN:23496002	2017	1	0	0
A Review on Thyroid Segmentation and Volume Estimation Using Image Processing	Mr. Kiran Kore	International Journal of Innovative Research in Technology December 2017/IJRT/Volume 4 Issue7/ISSN: 23496002	2017	0	0	0
joint time frequency analysis of EEG for the drowsiness detection: a study of cognitive behavioural patterns of the brain	Mr. D Suman	Int. J. Vehicle Safety Vol. 9, No. 3 pp.262277. 2017	2017	0	0	0
ANN based Joint Time and frequency analysis ofnEEG for detection of driver drowsiness	Mr. D Suman	Defence Life Science journal, Vol 2. No. 4, 2017	2017	0	0	0
Blood glucose mo	Mr. D Suman	International	2018	3	0	0



Monitoring techniques: recent advances, challenges and future perspectives		Journal of Advanced Technology and Engineering Exploration, Vol 5, 2018				
Gait Analysis	Prof.M.Malini Mr. M. Venkateswara Rao	International Journal of Computing, Communications and Instrumentation Engg. (IJCCIE), Vol4, Issue 1, 2017	2017	0	0	0
Multisensor data fusion based early warning system for wireless healthcare monitoring	Prof. M. Malini	International Journal of Computational Engineering Research (IJCER), ISSN (e): 22503005, Volume 08, Issue6, June 2018.	2018	4	0	0

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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	67	121	63	56
Presented papers	107	86	49	32
Resource persons	23	42	33	32

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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)
Biomedical Engineering	BMIC	Thumbay Hospitals	46000
Biomedical Engineering	BMIC	RISE Hospitals	45000

Electrical Engineering	Testing of Lights	GHMC, Hyderabad	477909
Electronics and Communication Engineering	Design and Development of IP core for SDR/GNSS Receiver using VHDL/Verilog	RCI, DRDO	999000
Electronics and Communication Engineering	Advance TERCOM Aided Intertial Navigation System by Velocity and Position Corrections.	RCI, DRDO	943000
Electronics and Communication Engineering	Research dum Technical Services for geological mappingin sidhi Singrauli Dist, M.P India	NMDC	966000
Geophysics	Survey of geophysical characteristics for mica mining	NMDC	3700000
Geophysics	Survey of geophysical characteristics for zinc ore mining	NMDC	3100000
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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
<b>No Data Entered/Not Applicable !!!</b>				
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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
NSS Regular Activities Special Camping Programm	332 NSS Units	332	33200
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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
National NSS Awards	National NSS award	Govt. of India	1

201617 Ceremony held at New Delhi	201617	Ministry of Youth Affairs Sports	
State NSS Awards Ceremony held at Nalgonda	State NSS Awards 201617	Govt. of Telengana, State NSS Cell	3
Mahatma Gandhi Birth Anniversary Celebrations (Closing Ceremony)	Mahatma Gandhi Peace Award2017	SMS Charitable foundation a Social Cultural Organization	1
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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
NSS	Attended Ek Bharat Shresht Bharat at Amritsar	NSS	2	50
NSS	Enterpreneurship Awareness Programme	NSS	2	50
NSS	Take a Minute Change A Life	NSS	2	50
NSS	Health Checkup camp	NSS	2	50
NSS	Four teams from NSS, UCE, OU participated in the University level NSS youth festival.	NSS	2	50
NSS	Voters Day Celebrations	NSS	2	50
NSS	An essay writing competition on Peoplerole In Eradication of corruption	NSS	2	50
NSS	NSS units organized Face yoga	NSS	2	50
NSS	The NSS units, UCE, OU organized a programme Swachh Pakhwada	NSS	2	50
NSS	To celebrate the 75th Year of Quit India	NSS	2	50

	Movement			
NSS	Swachh Bharat shapath	NSS	2	50
NSS	Haritha Haram Programme was organised at UCE, OU.	NSS	2	50
NSS	Nearly 100 NSS volunteers of UCE, OU Participated in the International Day of Yoga	NSS	2	50
NSS	Participated in the State level Swachh Bharath Programme organized by NSS, Osmani University	NSS	2	50
NSS	Personality development Mastering Public Speaking	NSS	2	30
Swachch Bharat	OU	Swachha Bharat	4	60
OU Outreach Programme	Telangana citizen concert	3	7	50
Swachh Bharat	Biochemistry	Telangana Haritha Haram	1	50
NSS	NSS chapter ,UCE OU	Enterpreneurship Awarness Programme	1	60
NSS	NSS chapter ,UCE OU	Blood Grouping Activity	1	40
NSS	NSS chapter ,UCE OU	Take A Minute Change A Life	1	100
NSS	NSS chapter ,UCE OU	Health Checkup camp	1	70
NSS	NSS chapter ,UCE OU	Voters Day celebrations	1	250
NSS	NSS chapter ,UCE OU	An essay writing competition on "Peoplerole In Eradication Of Corruption"	1	60
NSS	NSS chapter ,UCE OU	Face Yoga	1	100
NSS	NSS chapter ,UCE OU	'Swachh Pakhwada'	1	60

NSS	NSS chapter ,UCE OU	To celebrate the 75th Year of Quit India Movement,	1	100
NSS	NSS chapter ,UCE OU	Swachh Bharat shapath	1	60
Haritha Haram Programme	NSS chapter ,UCE OU	Haritha Haram Programme	1	160
NSS	Attended EK Bharat Shresht Bharat at Amritsar	NSS	2	56
NSS	Attended Ek Bharat Shresht Bharat at Amritsar	NSS	2	50
NSS	Attended Ek Bharat Shresht Bharat at Amritsar	NSS	2	50
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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	G. Srinivas	CDM	2
MOU	Col Lokesh Kumar	CDM	2
MOU	GP. Capt. Satyendra K. Sinha	CDM	2
MOU	Capt. (IN) Prashant D Shidhaye	CDM	2
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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
MoU	setting up a Center of Excellence	Daikin industries	15/10/2018	10/12/2018	Students of Department
MoU	Student Internship	Daikin industries	15/10/2018	10/12/2018	2 Student of BE VI sem
MoU	Teaching	DDHRC	15/10/2018	10/12/2018	Students
MoU	Teaching	OMC	15/10/2018	10/12/2018	Students
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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
AMD Research Development Center Pvt. Ltd.	25/05/2017	Cash Award for Best Projects	2
Confederation of Indian Industries	09/08/2017	Conduct of Joint Certificate Courses	100
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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
26142.38	6193.81
3547.53	3034.51

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
No file uploaded.	

### 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 patially)	Version	Year of automation
NewGenLib	Fully	3.0.4	2005

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	266263	133580482	2954	944648	269217	134525130
Reference Books	399393	200370722	1969	1416973	401362	201787695

e-Books	61912	250025	703	630228	62615	880253
Journals	78782	25000	415	1040000	79197	1065000
e-Journals	10020	2500000	37	141244	10057	2641244
CD & Video	754	1000000	50	200000	804	1200000
Others (specify)	13640	3410000	265	66250	13905	3476250
<a href="#">View File</a>						

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
Dr. T. Vijay Kumar	African Caribbean Writing in English	ePGPathshala	22/08/2017
Prof. Y. Pardhasaradhi	138 Lessons written and presented for MOOCs	BA Public Administration	18/12/2018
Prof. Y. Pardhasaradhi	12 Lessons written and presented for MOOCs	MA Public Administration	18/12/2018
No file uploaded.			

#### 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	6500	57	6200	3	10	73	54	1	0
Added	300	0	300	0	0	3	0	0	0
Total	6800	57	6500	3	10	76	54	1	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1 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	<a href="https://www.osmania.ac.in/emmrc/">https://www.osmania.ac.in/emmrc/</a>
Studio of Department of Journalism Mass Communication, Osmania University	<a href="http://osmanijournalism.org/">http://osmanijournalism.org/</a>

#### 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	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical
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	facilities		facilities
200	200	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/studentsupport-cedm.php> <https://www.osmania.ac.in/aboutus-contactus.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	Non NET	4	25000
Financial Support from Other Sources			
a) National	RGNF	3	850000
b) International	ICCR	8	8100000
No file uploaded.			

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 implemetation	Number of students enrolled	Agencies involved
Counselling enhancement scheme	20/12/2018	54	Institutional Level
Work shop on soft Skills	20/12/2018	50	Placement Cell, OU
Soft skill development	20/12/2018	0	Placement office
Language and Communication Improvement	19/12/2018	0	CELT
Personal	20/12/2018	0	Faculty are



counselling and Mentoring			specified in department hand book/CELT
Remedial Classes	20/12/2018	0	Department
Yoga	20/12/2018	25	0000
take a Minute Change a Life	18/12/2018	30	NSS
An essay writing competition on People role in Eraducation of Corruption	19/12/2018	30	NSS
NSS units organized Face Yoga	21/12/2018	30	NSS
Nearly 100 NSS volunteers of UCE, OU Participated in the Internaltional Day of Yoga	20/12/2018	30	NSS
Personality development Mastering Public Speaking	20/12/2018	30	NSS
English Skills	20/12/2018	10	Department
No file uploaded.			

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
2018	Equal Opportunity Scheme	500	500	120	50
No file uploaded.					

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
22	22	5

## 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

16	578	201	7	109	28
No file uploaded.					

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
2017	40	M.Sc.	Geography	OU	Ph.D
2017	10	M.Sc.	Geo Physics	Geo Physics	Ph.D
2017	5	OU	Chemistry	CSIR - IICT Hyd IIT- Chennai OU Hyd	Ph.D Chemistry
2018	50	B.Ed	Education	OU Education	B.Ed, M.Ed & Ph.D
2017	5	BE	MED UCE OU	IIT M, IIML, NITIE, Texas	MS
2017	9	BME	BME	OU	M.S & ME, PG Programme BME
2017	19	MA	Library Science	OU	M.Lib Science
2017	1	MA	Urdu	Hyd central University	Ph.D
2017	39	MA	Telugu	OU	Ph.D
2017	5	MA	Sanskrit	OU	Ph.D
2018	3	0	Hindi	EFLU Hyd MANU Hyd	Ph.D
2018	30	MA	English	Osmania University EFLU	Ph.D, B Ed. PGDTE
2018	4	0	Arabic	OU EFLUHyd. MANUHyd	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	3759
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
42	College and University Level	1500
No file uploaded.		

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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	Medal	National	1	1	1.00317E11	Mr. P. Karthik
2017	Medal	National	1	1	1.00317E+1 1	Mr.G.Vnkat esh
2017	Medal	National	1	1	17-C-24	Abdul Kareem
2017	Medal	National	1	1	17-C-56	Deveemath
2018	Medal	International	1	1	16-C-76	P. Venkata Narsimha Murthy
2018	Medal	National	1	1	16-C-74	R.Ravi Chandra
2018	Medal	National	1	1	16-MD-60	B. Koteswar Rao
2018	Medal	National	1	1	16-C-83	L.Ramesh
2017	Medal	National	5	1	1.00517E+1 1	K.Anudeep reddy
2018	Medal	National	1	1	1007-16-51 4-26	K. Nagesh

No file uploaded.

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 programmers. 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 completive 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](http://www.osmania.ac.in)

## 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni of 100 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 continuity 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 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:

2

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

5000000

#### 5.4.4 – Meetings/activities organized by Alumni Association :

The Alumni Association of Osmania University (AAOU) envisages itself as a partner in the progress of the University. This Association unfolds before the Alumni a series of opportunities to serve this great University and lend cooperation in full measure to its success and sustenance. Activities In order to make the organization more vibrant and dynamic, a series of activities including annual lecture series, foundation and alumni day celebrations, etc. were executed. The alumni organization is using the University website extensively to reach its alumni spread far and wide across the globe. 1. Alumni Association, University College of Engineering, Osmania University, Organized Global Alumni Meet-2015 on 27th December, 2015. 2. The Association has contacted Indian AAOU members interested in delivering lectures on their visit to the University. 3. Dr. J. N. Reddy, Oscar S Wyatt Endowed Chair Professor, Distinguished Professor, and Regent Professor of Mechanical Engineering at Texas AM University, USA has delivered a lecture on Numerical Simulations of Engineering Science Problems using the Finite Element Method at University College of Engineering on 28th July, 2016. • The association has proposed: - Endowment Chairs in the name of donor member - Scholarships to poor meritorious PG students in the name of donor - Institution of endowment lectures - Support to Department schemes Projects: Many other Alumni members have pledged to contribute to Alumni Centre and also interested to sponsor some scholarships to the poor and needy university students. Projects: Many other Alumni members have pledged to contribute to Alumni Centre and also interested to sponsor some scholarships to the poor and needy university students. • The 1984-88 batch of undergraduates of the Department of Electronics and Communication Engineering, UCE donated the Foundation'88 Block at the RD center of the department. Any other information: • The Alumni Associations at the college level have been quite active. The Alumni Association of University College of Engineering, College of Technology and Women's College Koti, are doing commendable work. Distinguished alumni of the colleges are substantially contributing to institutional development. Individual departments such as Journalism, Business Management, Geology, Genetics and Statistics have vibrant alumni bodies. Alumni association units are also active in USA, U.K. and in Gulf countries. Efforts will be made to bring all these associations under one umbrella to make them local chapters of the main organizations. • The Alumni Association of University College of Engineering has launched a separate web portal for alumni activities. The respective alumni at various departments and colleges are active in contributing to the progress of alma mater.

### **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
Admission of Students	<p>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</p>

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 differently-abled. 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).

Industry Interaction / Collaboration

The University has entered into Memorandum of Understandings with various industries and institutes of national and international stature for the promotion of teaching and research. The following Memorandum of Understandings were agreed upon: The University has entered into Memorandum of Understandings with various industries and institutes of national and international stature for the promotion of teaching and research. The following Memorandum of Understandings were agreed upon: • The University College of Engineering, Osmania University has entered into MoU with Space Applications Centre, Indian Space Research Organization (ISRO), Government of India, and Ahmadabad for a period of two years from 15th September, 2016. The scope of MoU involves Site identification, site preparation, and installation of IRNSS receiver. IRNSS Navigation Data collection and analysis to be carried out on regular basis for verification and for other mutually agreed topics of research for both parties. Also the

Navigational Electronics Research and Training Unit (NERTU) have entered into MoU with ISRO in September, 2016. The ISRO will deploy two IRNSS receivers at NERTU. • The University College of Engineering, Osmania University has entered into MoU with Indian Railways Institute of Signal Engineering and Telecommunication (IRISET) on 13th April, 2016. The IRISET imparts training to Group 'A' officers joining Indian Railway Services of Signal Engineers (IRSSE) through Union Public Service Commission (UPSC) examinations whereas University College of Engineering, OU conducts M.Tech/ M.E programs of two years which are full time programs. Other facilities are exchange of faculty for short periods, exchange of students for projects work and exchange of technical literature on reciprocal basis, for enriching the content of the program. IRISET also allow utilizing laboratory facilities by faculty, research scholars and post graduate students of UCE, OU. • College of Defense Management has entered into MoU with Osmania University in July 2015 for the implementation of M.Philprogram to gentleman-cadet students of the college. Also undertake training programs, seminars, and symposia for management students. • M/s. AMD has entered into MoU with Osmania University in November, 2016 for recruitment of Co-Ops and students at school or University.

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.

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

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.

Examination and Evaluation

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.

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.

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

E-governance 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
<b>No Data Entered/Not Applicable !!!</b>				
No file uploaded.				

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)
<b>No Data Entered/Not Applicable !!!</b>						
No file uploaded.						

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
85th Orientation Programme	8	14/06/2017	14/07/2017	28
Refresher Course in English	1	05/07/2017	26/07/2017	18
Refresher Course in Soft Skills for Professional Excellence	37	19/07/2017	08/08/2017	18
Short Term Course in Research Methodology	39	15/12/2017	22/12/2017	7
86th Orientation Programme	1	01/02/2018	28/02/2018	28
Refresher Course in Entre preneurship Development Programme	8	07/02/2018	27/02/2018	18
Refresher	13	15/02/2018	08/03/2018	18

Course in Recent Trends in Chemical Sciences and Technology				
Short Term Course on Gender Sensitization	16	13/03/2018	20/03/2018	7
No file uploaded.				

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
0	3871439-00	259557-00

**6.4 – Financial Management and Resource Mobilization**

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

The University runs on the financial support extended by the State Government by sanction of Grant-in-Aid (Block-Grant) annually for arranging salaries to the Teaching Non-Teaching employees mainly. The Other expenditure such as contingencies, etc. shall be met out of the internal resources generated by the University from the Examination fee and Academic Income. The Audit will be conducted by State Audit Department if Government every year and submits a report to the University for follow-up action. The CAG of Govt. of India also Conducts Audit of the University regularly. Apart from this the University has its own Audit and Inspection Department for this purpose.

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
OU College of Engineering Alumni Association	2500000	Centenary Celebrations
No file uploaded.		

6.4.3 – Total corpus fund generated

15178027.00
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**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	No		Yes	Academic Audit Unit IQAC
Administrative	No		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)

Osmania University is one of the pioneering institutions who supported autonomy to its colleges. At present, two constituent, two campus and eleven affiliated colleges are autonomous. The University understands the importance of autonomy as it provides a certain degree of freedom and yet enforces self-rule and discipline decentralizing academic activities and providing healthy competition. Autonomous colleges are able to design and implement new courses. Osmania University supports academic autonomy by providing expertise as subject experts and administrative guidance by nominating university staff as members of various statutory bodies of autonomous colleges. The university also guides and directs their recruitment processes. The university provides logistic support to colleges that are newly approved autonomous colleges. The university without delay approves viable courses and programs encouraging autonomous colleges to take up challenging demand based plans. Osmania University is one of the pioneering institutions who supported autonomy to its colleges. At present, two constituent, two campus and eleven affiliated colleges are autonomous. The University understands the importance of autonomy as it provides a certain degree of freedom and yet enforces self-rule and discipline decentralizing academic activities and providing healthy competition. Autonomous colleges are able to design and implement new courses. Osmania University supports academic autonomy by providing expertise as subject experts and administrative guidance by nominating university staff as members of various statutory bodies of autonomous colleges. The university also guides and directs their recruitment processes. The university provides logistic support to colleges that are newly approved autonomous colleges. The university without delay approves viable courses and programs encouraging autonomous colleges to take up challenging demand based plans. Osmania University is one of the pioneering institutions who supported autonomy to its colleges. At present, two constituent, two campus and eleven affiliated colleges are autonomous. The University understands the importance of autonomy as it provides a certain degree of freedom and yet enforces self-rule and discipline decentralizing academic activities and providing healthy competition. Autonomous colleges are able to design and implement new courses. Osmania University supports academic autonomy by providing expertise as subject experts and administrative guidance by nominating university staff as members of various statutory bodies of autonomous colleges. The university also guides and directs their recruitment processes. The university provides logistic support to colleges that are newly approved autonomous colleges. The university without delay approves viable courses and programs encouraging autonomous colleges to take up challenging demand based plans.

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. The University has introduced Choice Based Credit System (CBCS) and grade evaluation methods for all the PG and UG courses being offered at the campus,

constituent and affiliated colleges in 2009-10 and 2016-17 respectively with the approval of all the statutory bodies. 2. The University has a structured set-up for Curriculum Development, through respective Boards of Studies of the subjects concerned, then to faculties, Standing Committee and Academic Senate to approve the prescribed syllabus for both the PG and UG programmes. 3. The University has promptly responded to the directions of UGC about the need for examination reforms with a particular emphasis on introducing the continuous internal assessment system with grading in a semester system of the course structure. Accordingly, the University has revamped the examination process and reintroduced the continuous internal evaluation from the academic year 2009-10 in all PG programmes offered at the campus, constituent and affiliated colleges.

#### 6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
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
2017	A sensitization programme with executive members of OUTA, OU	24/07/2017	24/07/2017	24/07/2017	24
2017	A sensitization programme with the Executive Members of Gazetted Officers Association and 3 Service Associations of non-teaching, Technical Employees Union	24/07/2017	24/07/2017	24/07/2017	60
2017	A sensitization programme with the Directors of Research Centres and Administrative Officers	25/07/2017	25/07/2017	25/07/2017	30

	of different units of OU				
2017	A sensitization programme with the Principal, Deans, Head, Chairpersons of BOS of University College of Technology, OU	26/07/2017	26/07/2017	26/07/2017	25
2017	A sensitization programme with the Controller of Examinations, Director, Directorate of Admissions, Director, Directorate of Academic Audit, Dean, UGC and Development Affairs, Director, UFRO	28/07/2017	28/07/2017	28/07/2017	35

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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	24/05/2017	25/05/2017	45	18

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
20

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries

Physical facilities	Yes	250
Provision for lift	Yes	100
Ramp/Rails	Yes	250
Braille Software/facilities	Yes	50
Scribes for examination	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
2017	5	5	19/07/2017	6	Societal Awareness Programme	Create awareness on impacts of bad behaviours on society	100
No file uploaded.							

#### 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
No file uploaded.			

#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Creation of awareness on biodiversity of campus documentation of flora and fauna in campus provision of water to fauna in summer season
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## 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

<p>Best Practice - I: 1. Title of the Practice: Promotion of research and research output by providing seed money to the faculty 2. Goal: To facilitate participation, provision of budget, fellowships, and facilities to promote research culture among faculty and students. 3. The Context: The University has recently recruited faculty at the level of assistant professor in most departments and it is felt necessary to encourage research amongst the young faculty. The University caters to the needs of the rural populace and students who join to pursue their post-graduation course and subsequently their research work are mostly first-generation learners. This has been a challenge to retain the talent in research field. 4. The Practice The University, through the Dean, Development and UGC Affairs, Research, Development and Consultancy Centre, and</p>
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Central Facilities for Research and Development ensures that the research facilities and the required training to the stakeholders are provided on a continuous basis. The lack of opportunities in the research related fields in job prospects is one of the limitations. To encourage research culture among the young faculty, the University has awarded seed money in tune of Rs. 1.00 Lakhs each totalling Rs. 26.00 lakhs under TEQIP-II and an average of Rs. 70,000 each for 30 faculty in science departments. 5. Evidence of Success As many as 120 research fellowships (Non-NET) and 56 research grants have been provided under different research programmes funded through UGC, DST and MHRD extended to the University under the UPE and PURSE and TEQIP-II schemes. 6.

Problems Encountered and Resources Required The creation of the research opportunities in University is limited only by the limited opportunities in research fields. 8. Responsible: Dean, Development and UGC Affairs, Osmania University and the Principal, University College of Engineering, OU Best Practice - II: 1. Title of the Practice: University Foreign Relations Office as a single-window facility for foreign students 2. Goal: Providing affordable, quality education to foreign students maintaining global standards with the following objective criteria: • To mark and ensure the presence of Osmania University on the global map. • To offer world-class higher education to foreign students hailing from different countries, more particularly third-world countries. • To preserve and disseminate Indian culture, tradition and heritage in other countries. • To forge friendly relations with other countries. • To make the education of foreign students socially and culturally relevant. • To transform the potential of students to suit global needs. 3. The Context: Osmania University is one of the leading universities in India, in imparting quality higher education. It caters to the diverse needs of students, society, and the country. It provides quality education and research not only to Indian students but also to students from other nations. Since the number of foreign/international students desirous of pursuing various courses in Osmania University is ever-increasing, the university has established the University Foreign Relations Office as a single-window agency to meet their needs. 4. The Practice • The University has centralized admissions of foreign students and established University Foreign Relations Office (UFRO) to process the admissions of foreign students and/or Indian NRIs to various undergraduate, postgraduate, research and other diploma courses offered in campus, constituent and affiliated colleges. • To all the foreign taking admission in the University, UFRO provides tailor-made health insurance policy to cover all existing diseases. • The UFRO hosts a website that gives all the necessary information with regard to courses offered, eligibility and fee structure for pursuing the course. • UFRO offers guidance to the students desirous of taking admission in choosing the course of study and college by them. • The university facilitates health security for all the foreign students to cover hospitalization due to sickness and also accident claims. • The University has specially designed courses in English for foreign students to build their capacity in understanding the course content. • The University conducts annual cultural programmes for foreign students to create awareness on Culture and Heritage of India and International Youth Festival in coordination with the office of Students Welfare, Osmania University. • The University provides residential accommodation for international male students. • Initiated the process of creating a database under Foreign Students Information System (FSIS) maintained by the FRROs office of Govt. of India. • The University is conducting regular Degree Award Ceremonies (Convocations) exclusively for foreign students shortly after the results are announced every year, to enable them to take admission in other foreign countries. • An initiative has been taken by the university to allow the foreign students to pursue add on courses such as certificate diploma courses in soft skills and computer-related courses without affecting their regular course of study. • The University is providing psychological counselling through 'Sahayam', (a Counselling Centre) for the



students who are facing psychological and emotional instabilities, including homesickness. Obstacles faced/Problems encountered:

- Some foreign students, particularly from Gulf countries, have constraints in communicating in English.
- Some foreign students are unwilling or unable to contribute towards the medical/health insurance citing economic factors.

5. Evidence of Success  
Osmania University has the second-largest number of foreign students studying in India, and a lot more students from around 77 Countries are expressing interest to join the various courses offered by Osmania University. In the year, 2017-18, a total of 3630 foreign students joined the University. The Indian Council for Cultural Relations (ICCR) which takes care of the foreign students in India has appreciated the tailor-made health insurance policy and the single window facility provided to foreign students by the University. Every year, around 300 foreign students undergo a certificate course in English as a Foreign Language offered at Centre for English Language Training (CELT), Dept. of English, University College of Engineering, O.U., and English Language Training Centre (ELTC), Dept. of English, University College of Arts Social Sciences, O.U. Students are benefitted from the English course and are able to communicate by the end of the course.

6. Responsible Director, University Foreign Relations Office, OU

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

<https://www.oufro.ac.in/>

### 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

In addition to its vision and mission, priority and thrust Osmania University made several moves in significant areas to enhance the performance in terms of quality. Following are the initiatives under taken by the University.

(1) Data Centre: Osmania University Data Centre is a centralized DBMS that connects around 4,500 systems with fibre optic technology with uninterrupted networking facilities. As Osmania University is having more than 700 affiliated colleges, the MIS and related information can be accessed by the affiliated colleges.

(2) CFRD (Central Facilities for Research Development): As part of excel in research and development CFRD is established by the University in the Year 2008, which is the huge establishment that offers unique kind of research facilities particularly for the sciences in addition to the arts and social sciences. As a part of the quality vision of the University the CFRD works round the clock towards research and development. The CFRD also offers and facilitates to the private research centres to undertake the research in premises of CFRD.

(3) Incubation centre: Osmania University has established an incubation centre with following objectives.

- It is a platform where idea can be nurtured into viable business.
- Where you can get some expert mentoring.
- Helps to find initial funds and networking.

The University's incubation center provides a whole new startup ecosystem for the young entrepreneur. It helps in promoting new startups, generation of new ideas. This incubation centre has well received by the student community and witnessed a lot of participation and involvement by the Industry with an objective of academia and industry interaction.

(4) Corporate Social Responsibility (CSR): As a part of CSR Osmania University undertakes several activities in thrust areas such as adopting schools, villages and educating them about the importance of education particularly for the village community. The University has adopted specified villages in Nalgonda district of Telangana State one in the academic activity and other one undertaken by the science faculty on the water fluoride issue as most of the villages of this district has affected by water based fluoride.

(5) University Foreign Relations Office (UFRO): keeping in view of the

globalization of education and realizing the importance of catering to the needs of the foreign students and on the eve of new millennium year 2000, Osmania University established a University Foreign Relations Office (UFRO) in December 1999. Currently, the UFRO currently caters more than 3897 foreign students from 81 different countries across the globe and facilitates their admission process into various programs. Over the years, the UFRO has offered various facilities to the students including Medical Insurance, International Students' Hostel, and Degree Award Ceremony etc. For further details please visit: [www.oufro.ac.in](http://www.oufro.ac.in)

Provide the weblink of the institution

### **8.Future Plans of Actions for Next Academic Year**

To conclude the Centenary Celebrations in April 2018 and ensure all planned program scheduled during the Centenary Year are completed by April 2018 To ensure the flagship programmes under the Centenary Celebrations are launched To prepare the proposal to be submitted for competing for the coveted status of Institution of Eminence launched by MHRD, Govt. of India To strengthen of the automation of the University To strengthen the green initiatives, conduct energy, and green audit To take actions for establishment of the biodiversity park on campus as part of Flagship Programme To strengthen the teaching-learning process To strengthen International collaborations To promote 'Swacch OU'