



## Yearly Status Report - 2016-2017

### Part A

#### Data of the Institution

Part A	
<b>Data of the Institution</b>	
1. Name of the Institution	Central University of Rajasthan
Name of the head of the Institution	Prof. Anand Bhalerao
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	01463257502
Mobile no.	9001001346
Registered Email	director.iqac@curaj.ac.in
Alternate Email	vc@curaj.ac.in
Address	CENTRAL UNIVERSITY OF RAJASTHAN National Highway -8, Bandar Sindri, Tehsil Kishangarh, Dist-Ajmer-305817, Rajasthan
City/Town	AJMER
State/UT	Rajasthan

Pincode	305817																		
<b>2. Institutional Status</b>																			
University	Central																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	central																		
Name of the IQAC co-ordinator/Director	Prof. Pradeep Verma																		
Phone no/Alternate Phone no.	01463257510																		
Mobile no.	9414071791																		
Registered Email	director.iqac@curaj.ac.in																		
Alternate Email	pradeepverma@curaj.ac.in																		
<b>3. Website Address</b>																			
Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.curaj.ac.in/group/iqac-naac">_https://www.curaj.ac.in/group/iqac-naac</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.curaj.ac.in/academics/academic-calendar">https://www.curaj.ac.in/academics/academic-calendar</a>																		
<b>5. Accrediation Details</b>																			
<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>1</td> <td>A</td> <td>3.01</td> <td>2016</td> <td>16-Sep-2016</td> <td>15-Sep-2021</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.01	2016	16-Sep-2016	15-Sep-2021
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.01	2016	16-Sep-2016	15-Sep-2021														
<b>6. Date of Establishment of IQAC</b>	21-Nov-2010																		
<b>7. Internal Quality Assurance System</b>																			
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by</th> <th>Date &amp; Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </thead> <tbody> <tr> <td colspan="3"> </td> </tr> </tbody> </table>						Quality initiatives by IQAC during the year for promoting quality culture			Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries								
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IQAC		
Teacher APAR	01-May-2017 1	98
Meeting Regarding CAS Promotion	08-May-2017 1	37
Non-Teaching APAR	05-Apr-2017 1	52
<a href="#">View File</a>		

**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
Department of Chemistry Central University of Rajasthan	DSTFIST	UGC	2015 1825	7050000
Department of Environmental Science Central University of Rajasthan	DST-FIST	UGC	2016 1825	8200000
Department of Pharmacy Central University of Rajasthan	DST-FIST	UGC	2016 1825	6100000
Department of Mathematics Central University of Rajasthan	DST-FIST	UGC	2015 1825	6150000
<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
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**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

• Annual Academic • Administrative Audit, • Processing of cases under Career Advancement Scheme • Academic processes reviewed the and activities of various cells and roadmap for these cells chalked out • Compliance of academic calendar • Student’s participation in extracurricular, extension and other activities encouraged by interacting with students of different schools. • Faculty mentors in each department appointed • Ensure ragging free campus by Antiragging Committees

[View File](#)

**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
Information provided to Head of the department and various coordinators for effective governance.	In order to generate synergy in program processes taken up by the university and to smooth the implementation in the given time frame. All programs are conducted efficiently in there outcomes are evaluated by IQAC. The quality culture has been taken up as a contineous process and thus data analysis and processing from various department and schools has been assinged to various each departmental coordinators
NIRF participation by the University	Coordinators for different category were identified. Data was compiled and submitted in NIRF portal in time.
Infoormation and revision of the CBCS scheme implemented all the program.	IQAC has recommended to form a committee that will look into the problems arising due to implementation of CBCS scheme. Accordingly, the committee interacted with respective heads of the departments and Deans of the schools to understand the difficulties arising in implementing the CBCS undergraduate program. As per the input received IQAC have a thorough revision of the scheme and suggested certain changes which were implemented during the session.
Revision of curricula of all the department and involvements of industry experts	Executed

Encouraging the faculty for quality Research, the IQAC planned to write more proposals for professional developments	Executed
Motivate the faculty for development of MOOCs	Implemented
Institutionalising the mechanism for Sponsored Research Projects, Consultancy, International/ National Conferences/ Seminars and Co-curricular activities	Discussed and Notified
<a href="#">View File</a>	

<b>14. Whether AQAR was placed before statutory body ?</b>	Yes
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Name of Statutory Body	Meeting Date
Deans Committee	06-May-2022

<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No
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<b>16. Whether institutional data submitted to AISHE:</b>	Yes
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Year of Submission	2017
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Date of Submission	20-Jun-2017
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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)	The Central University of Rajasthan using Samarth Portal for Management Information System University. 1. Employee Management Module 2. Organigram Module 3. File Tracking Management Module 4. Legal Case Management Module 5. Sports Facilities Management Module 6. Hostel Management Module 7. Health Facilities Management Module 8. IT Service Desk Module 9. Recruitment Module.
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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	MSBC	Biochemistry	01/07/2016
MSc	MSMB	Microbiology	01/07/2016
MSc	MSBT	Biotechnology	01/07/2016
Integrated(PG)	IMSMB	Microbiology	01/07/2016
Integrated(PG)	IMSBT	Biotechnology	01/07/2016
<a href="#">View File</a>			

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
MSc	Atmospheric Science	01/07/2016	M.Sc. Atmospheric Science	01/07/2016
MSc	Big Data Analysis	01/07/2016	M.Sc.Computer Science ( Big Data Analytics)	01/07/2016
MSc	MSBC106- Elective I A. Infection Biology	01/07/2016	MSBC106- Elective I A. Infection Biology	01/07/2016
MSc	MSBC106- Elective I B. Environmental Biochemistry	01/07/2016	MSBC106- Elective I B. Environmental Biochemistry	01/07/2016
MSc	MSBC206- Elective II A. Cancer biology	01/07/2016	MSBC206- Elective II A. Cancer biology	01/07/2016
<a href="#">View File</a>				

## 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	Atmospheric Science	01/07/2016
MSc	Big Data Analysis	01/07/2016
<a href="#">View File</a>		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MArch	Architecture	01/07/2016
MSc	Atmospheric Science	01/07/2016
MCom	Commerce	01/07/2016
Integrated(UG)	Computer Science	01/07/2016
MSc	Computer Science	01/07/2016

MA	Culture and Media Studies	01/07/2016
Integrated(PG)	Economics	01/07/2016
Integrated(PG)	M.Sc. and B.Ed. in Economics	01/07/2016
Integrated(UG)	Mathematics	01/07/2016
Integrated(PG)	M.Sc. and B.Ed. in Mathematics	01/07/2016
MSc	Mathematics	01/07/2016
MSc	Microbiology	01/07/2016
Integrated(PG)	Microbiology	01/07/2016
Integrated(PG)	Physics	01/07/2016
Integrated(PG)	M.Sc. and B.Ed. in Physics	01/07/2016
Integrated(PG)	Public Policy, Law & Governance	01/07/2016
Integrated(UG)	Vocational Studies and Skill Development - (B.Voc)	01/07/2016
MSc	Biochemistry	01/07/2016
MSc	Biochemistry	01/07/2016
MSc	Biochemistry	01/07/2016
MSc	Biochemistry	01/07/2016
MSc	Biochemistry	01/07/2016
MSc	Biochemistry	01/07/2016
MA	Economics	01/07/2016
Integrated(PG)	Economics	01/07/2016
Integrated(PG)	Economics	01/07/2016
MA	Economics	01/07/2016
Integrated(PG)	Economics	01/07/2016
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Integrated(PG)	Economics	01/07/2016
MA	Economics	01/07/2016
Integrated(PG)	Economics	01/07/2016
Integrated(PG)	Economics	01/07/2016

### 1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
M.Arch (Sustainable Architecture)	01/08/2016	16
MBA	01/08/2016	29
Integrated M.Sc. B.Ed. Physics	01/08/2016	13
Integrated M.Sc. Physics	01/08/2016	17
Integrated M.Sc. Mathematics	01/08/2016	14
Integrated M.Sc. BEd. Mathematics	01/08/2016	13
M.Sc. Big Data Analytics (Computer Science)	01/08/2016	14
<a href="#">View File</a>		

### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
Integrated(PG)	Integrated M.Sc. (5 years program) Computer Science	1
Integrated(PG)	Integrated M.Sc. Computer Science	1
MSc	Computer Science	5
Integrated(PG)	Environmental Science	1
MSc	Environmental Science	10
<a href="#">View File</a>		

## 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
<p>The Central University of Rajasthan feedback is obtained at the end of each term / semester for each course offered during the term/semester. In the feedback form designed, students give their feedback on the course and the faculty. Each faculty is then given their feedback results and as and when required, the director may call upon concerned faculties and try to resolve the issues. The main objective of seeking students' feedback on teaching at the Institute is to assist faculty members in monitoring and improving their</p>



effectiveness as teachers. The information is used as one of the means for assessing teaching effectiveness for decisions regarding merit, tenure and promotion, and to provide information that may be used to support exceptional teachers nominated for teaching awards. There are regular class visits for observing the overall delivery of lectures in classroom. In the said respect a pre and post observation meeting is conducted. A pre observation meeting is conducted to discuss the aspects to be monitored / observed during the visit. A post observation meeting is conducted to discuss the outcomes of the visit as well as to plan for the improvement. The concerned faculty is required to work on the suggestions. Also meetings are held for faculties teaching in a specific term / semester and discipline issues or infrastructural issues faced by them are also discussed in that forum and efforts are made to resolve them. All course coordinators will incorporate one component of assessment with soft skill / communication and research as focus areas Internship is monitored by a team of faculty members who shall visit the firms and seek feedback about student performance.

## 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
MArch	Architecture	20	20	16
MSc	Atmospheric Science	10	99	5
MSc	Biochemistry	12	1593	9
Integrated(PG)	Biochemistry	18	1139	14
PhD or DPhil	Biochemistry	4	566	3

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### 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2016	41	1345	4	107	88

### 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
132	132	69	41	3	138

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

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

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

Since the inception of the University have various plan to assess different learning levels of the students via their CUCET score, earlier result and through continuous learning assessments. For that, university organizes induction programmes for newly joined students at department as well as University level. Several sessions are planned to instruct competitive spirit and positive approaches in the students. To achieve this, a group of students are assigned to faculty members to see their progress and act as mentor if student required support from mentor. Further, the bridge courses are also conducted especially in integrated programmes of some departments to lift the level of students to the level of higher education.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1479	133	1:11

**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
222	119	103	24	109

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	Dr. Vijay Kumar Prajapati	Assistant Professor	ASM-IUSSTF Indo-US Research Professorship-2016 from American Society for Microbiology (ASM) and Indo-US Science and Technology Forum (IUSSTF)
2017	Dr. Neha Seth	Assistant Professor	Post-doctoral Fellowship, ICSSR, New Delhi
2017	Dr. Gaurav Somani	Assistant Professor	Reacher Fellowship UGC
2017	Dr. Vijay Kumar Prajapati	Assistant Professor	Young Scientist Award 2016- The Biotechnology Research Society, India (BRSI)
2017	Dr. Vijay Kumar Prajapati	Assistant Professor	Associate (2016), Indian Academy of Sciences, Bengaluru

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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	Date of declaration of
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			semester-end/ year-end examination	results of semester-end/ year- end examination
MArch	MARCH	IV	06/05/2016	01/06/2016
MSc	MSBC	IV	06/05/2016	01/06/2016
MSc	MSBT	IV	06/05/2016	01/06/2016
MSc	MSCH	IV	06/05/2016	01/06/2016
MCom	MCOM	IV	06/05/2016	01/06/2016
<a href="#">View File</a>				

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	1479	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)

<https://www.curaj.ac.in/academic-program>

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
MARCH	MArch	Architecture	11	11	100%
MSBC	MSc	Biochemistry	24	24	100%
MSBT	MSc	Biotechnology	22	17	77.27%
MSCH	MSc	Chemistry	21	21	100%
MCOM	MCom	Commerce	13	13	100%
<a href="#">View File</a>					

## 2.7 – Student Satisfaction Survey

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

<https://www.curaj.ac.in/group/igac-naac>

## 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	Dr. Neha Seth	Post Doctoral	17/02/2016	ICSSR

	Department of Commerce	Fellowship		
National	Dr. Gaurav Somani Department of Computer Science Engineering	Teacher Fellowship	13/07/2015	UGC
National	Dr. Ram Kishor Department of Mathematics	Visiting Associate	01/08/2016	IUCAA
National	Dr. Vijay K. Verma Department of Microbiology	DST Inspire Faculty Award	14/02/2017	DST
National	Dr Umesh Gupta Department of Pharmacy	DAAD Academic Exchange Fellowship	16/05/2017	DAAD, Germany

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

Name of Research fellowship	Duration of the fellowship	Funding Agency
Junior Research Fellowship (JRF)	1825	CSIR
Junior Research Fellowship (JRF)	730	DBT
Junior Research Fellowship (JRF)	1095	DST-CSI
Junior Research Fellowship (JRF)	1095	DST-RFBR
Junior Research Fellowship (JRF)	1095	DST-SERB

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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	1095	DST SERB	2420000	500000
Major Projects	1095	DST SERB	4571000	2471000
Major Projects	1095	DST SERB	2976000	1350000
Major Projects	1095	DBT	2442000	1391000
Major	1095	DST-SERB	3083000	2376000

**Projects**[View File](#)**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
Sustainable Design Process	Architecture	12/05/2017
Sustainable Building Services and Project Management	Architecture	14/09/2016
Technologies for Renewable Energy	Architecture	26/09/2016
Research Methodology for Masters Dissertation	Architecture	02/12/2016
Practicing Sustainable Practices	Architecture	16/01/2017

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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
JKLU Water and Environment Innovation Award	Dr. Akhil Agrawal Department of Microbiology	Rajasthan Science Congress	21/10/2016	Annual Awards for Innovation by RSC

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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NA	NA	NA	NA	NA	Nil

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**3.4 – Research Publications and Awards**

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Chemistry	1
Economics	1
Mathematics	1
Pharmacy	1
Statistics	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Biochemistry	14	4.2
International	Biotechnology	12	3.78

International	Chemistry	10	3.29
National	Commerce	5	3.46
International	Commerce	5	4.5
<a href="#">View File</a>			

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
Biotechnology	1
Commerce	2
Computer Science	4
Computer Science and Engineering	9
Biochemistry	1
<a href="#">View File</a>	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
0	Null	0	Null
<a href="#">View File</a>			

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
Graphene and Beyond Graphene MoS <sub>2</sub> : A New Window in Surface Plasmon Resonance Based Fiber Optic Sensing	Akhilesh K. Mishra, Satyendra K. Mishra and Rajneesh K. Verma	Journal of Physical Chemistry	2016	178	Central University of Rajasthan	178
Graphene and Beyond Graphene MoS <sub>2</sub> : A New Window in Surface Plasmon Resonance Based Fiber Optic Sensing	Akhilesh K. Mishra, Satyendra K. Mishra and Rajneesh K. Verma	Journal of Physical Chemistry	2016	178	Central University of Rajasthan	178
A	Tanu	Journal	2017	99	Central	34

Molecular View of Pathological Microcalcification in Breast Cancer	Sharma, James A Radosевич, Geeta Pachori, Chandi C Mandal	of Mammary Gland Biology and Neoplasia			University of Rajasthan	
Circulating MicroRNAs: Potential and emerging biomarker for diagnosis of human infectious diseases	Verma P, Pandey RK, Prajapati P and Prajapati VK	Frontiers in Microbiology	2016	88	Central University of Rajasthan	78
Polymeric Micelles: Recent Advancements in the Delivery of Anticancer Drugs	Gothwal, A., Khan, I., Gupta, U.	Pharmaceutical Research	2016	85	Central University of Rajasthan	0
<a href="#">View File</a>						

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
Proprotein Convertase Subtilisin /Kexin Type 9 (PCSK9) Single Domain Antibodies Are Potent Inhibitors of Low Density Lipoprotein	Weider E., Susan-Resiga D., Essalmani R., Hamelin J., Asselin M.C., Nimesh S., Ashraf Y., Wycoff K.L., Zhang J., Prat A., Seidah N.G.	The Journal of Biological Chemistry	2016	513	16	Central University of Rajasthan
Nonequilibrium restoration	Tamir I., Doron A.,	Phys. Rev. B	2017	465	3	Central University of

of duality symmetry in the vicinity of the superconductor-to-insulator transition	Levinson T., Gorniaczyk F., Tewari G.C., and Shahar D.					Rajathan
Magnetization reversal behavior and magnetocaloric effect in SmCr <sub>0.85</sub> Mn <sub>0.15</sub> O <sub>3</sub> chromites	Surendra Kumar, Indrani Coondoo, M. Vasundhara, Ajit K. Patra, A. L. Kholkin and Neeraj Panwar	Journal of Applied Physics	2017	319	35	Central University of Rajathan
Phase-flip and oscillation quenching states transitions through environmental diusive coupling,	A Sharma, Umesh Kumar Verma, and Manish D Shrimali,	Physical Review E,	2016	304	16	Central University of Rajathan
Intermittent feedback induces attractor selection	Kiran Yadav, Neeraj Kumar Kamal, and Manish Dev Shrimali	Phys. Rev. E	2017	304	10	Central University of Rajathan
<a href="#">View File</a>						

### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	22	63	1	12
Presented papers	52	93	4	1
Resource persons	10	25	6	2
<a href="#">View File</a>				

### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)



SOCIAL WORK	Evaluation of Livelihood Projects for the Leprosy affected Communities	SILF-India	50000
<a href="#">View File</a>			

### 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
0	0	0	0	0
<a href="#">View File</a>				

### 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
Special Camp on A step for making New India with Waste and water management Cashless Economy	NSS	5	46
Vanmahotsava	NSS	5	50
VISAKA Campaign	NSS	5	30
One day workshop on cashless transactions	NSS	5	230
Blood Donation Camp during Youth Week	NSS	5	150
<a href="#">View File</a>			

#### 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
NA	NA	NA	0
<a href="#">View File</a>			

#### 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
Consolidated Statistical Data	CURAJ Statistics Dept.	Data Management	5	20

Vigilance Awareness Week	University Level	Pledge	12	1070
Celebration of 8th International Day of Yoga	CURAJ Yoga Dept.	Yoga	2	79
Swachh Bharat Mission	CURAJ Social work Dept	Clean Awareness	5	45
<a href="#">View File</a>				

### 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
National level survey on education 'ASER' -2016-Ajmer chapter	35	PRATHAM NGO, JAIPUR	1
One day career making workshop for youths on 19 Jan'2017	30	Central University of Rajasthan	1
Extension Lectures	27	Central University of Rajasthan	1
Guest Lecture by Prof. Anjali Monteiro, TISS on Documentary Research Proposal	18	Central University of Rajasthan	7
Research	16	Self Finance	30
<a href="#">View File</a>			

#### 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
Research Project	Masters Dissertation	Solvay Industries, Vadodara, Gujarat	01/01/2017	01/05/2017	1
Internship Programme	Summer Internship	IIIT, Hyderabad	07/07/1995	07/07/1995	2
Internship	Media Internship	Rajasthan Patrika TV Channel, Jaipur	05/01/2017	28/02/2017	1

Internship	Media Internship	ZEE News, Lucknow	18/01/2017	28/02/2017	1
Internship	Media Internship	Samachar Jagat Online News Portal, Jaipur	06/01/2017	28/02/2017	2
<a href="#">View File</a>					

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
TCS	23/03/2017	Study	20
MoU with Namibian State Institute National Institute of Public Administration and Management	01/01/2016	Students exchange	0
<a href="#">View File</a>			

#### **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
499781335	327273439.55

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Class rooms	Newly Added
Laboratories	Existing
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with Wi-Fi OR LAN	Newly Added
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing

Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Others	Existing
<a href="#">View File</a>	

#### 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
LIBSYS	Fully	LibSys7	2010

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	27571	26510945	2373	3123382	29944	29634327
e-Books	0	0	487	3701243	487	3701243
Journals	75	879566	82	924456	157	1804022
e-Journals	9209	5938562	9196	6883402	18405	12821964
Digital Database	4	1711203	5	3145173	9	4856376
CD & Video	0	0	0	373990	0	373990

[View File](#)

##### 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. Vishvanath Tiwar	Mechanism of Enzyme Action, Activation energy, Collision Transition state theories	e-PG Pathshala	11/11/2016

[View File](#)

#### 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	520	8	1	0	0	0	0	1	0
Added	30	4	0	0	0	0	0	0	0

Total	550	12	1	0	0	0	0	1	0
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#### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1 MBPS/ GBPS
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#### 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
e-PG Pathshala	<a href="https://www.youtube.com/watch?v=Ux9Yb6weif0&amp;t=296s">https://www.youtube.com/watch?v=Ux9Yb6weif0&amp;t=296s</a>
e-PG Pathshala	<a href="https://www.youtube.com/watch?v=ynAnbkNJURo">https://www.youtube.com/watch?v=ynAnbkNJURo</a>
e-PG Pathshala	<a href="https://www.youtube.com/watch?v=n--8E_t540A">https://www.youtube.com/watch?v=n--8E_t540A</a>
e-PG Pathshala	<a href="https://www.youtube.com/watch?v=ClxDsJcD4pM">https://www.youtube.com/watch?v=ClxDsJcD4pM</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 facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
47651478.97	43444731.07	63965971.1	58318954.05

##### 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)

**Building Infrastructure:** The University is committed to provide safe and secure space to its family. There is a building monitoring committee to look after the maintenance, repair and constructional work related to the buildings.

**Construction, repair and maintenance of the main building and physical infrastructure** like water facility, power supply and maintenance of campus is looked after by state section. The minor faults related to the electricity and repairing of building are attended and repaired by the university Estate Branch. For the maintenance of toilets and service areas outsourced persons have been engaged for cleaning the toilets, washrooms, and buildings.

**Laboratory equipment's and machines:** Every department maintains stock registers for keeping the list of chemicals, glassware, equipment's and other instruments used in laboratory. Maintain consumption register regularly to keep account of the used material and non-functional glassware, miscellaneous items etc. Physical verification of laboratory equipment's and machines is carried out to record the functional and non-functional equipment's from time to time.

**Computer and IT infrastructure:** The IT section maintains the stock register to keep record of the functional and non-functional items. Maintenance and up gradation is looked after by the IT committee at university level.

**Library Maintenance:** Accession and withdrawal/ dead stock registers are regularly maintained to keep the record of updated and dead stock accessions.

**Sports equipment's:** Department of sport science in association with sport a section is to maintain the sports activities of university with the support of scholars

and outsourced staff. The sports department regularly maintaining the activities related to the sports.

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

## 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	Scholarship/ Fellowship	154	8748616
Financial Support from Other Sources			
a) National	sponsored fellowships/scholarships from DST, CSIR, ICSSR ETC.	29	9307767
b) International	0	0	0
<a href="#">View File</a>			

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Remedial coaching	01/07/2016	17	SC/ST Cell, Govt of India
NET Coaching Classes	01/07/2016	13	SC/ST Cell, Govt of India
Mentoring	01/07/2016	162	Central University of Rajasthan
Bridge Course	01/07/2016	22	Central University of Rajasthan
Concurrent field work	01/07/2012	104	Central University of Rajasthan MSW
Block field work	01/07/2012	305	Central University of Rajasthan MSW
Communication skills	01/07/2012	106	Central University of Rajasthan MSW
Computer skills	01/07/2012	107	Central University of Rajasthan MSW
Workshop and seminar on skill development	01/07/2012	206	Central University of Rajasthan MSW
<a href="#">View File</a>			

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
2017	Mentoring	64	64	0	36
2017	Remedial Coaching Classes	17	17	0	0
2017	NET Coaching Classes	13	13	4	0

[View File](#)

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
10	10	20

**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
Rajasthan Government	0	0	Rajasthan Government	3	3

[View File](#)

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2016	1	MBA	Management	MNIT Jaipur	MBA
2016	1	M.Sc Chemistry	Chemistry	Central University of Haryana	Ph.D
2016	1	Physics	Physics	Central University of Rajasthan	Ph.D

[View File](#)

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	49
Any Other	33
GATE	14
<a href="#">View File</a>	

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

Activity	Level	Number of Participants
Handball League	Intra University	160
Badminton League	Intra University	140
Athletics	Intra University	40
Chess League	Intra University	60
Basketball League	Intra University	100
Volleyball League	Intra University	140
Kabaddi League	Intra University	70
Football League	Intra University	130
Cricket League	Intra University	280
Table Tennis League	Intra University	70
<a href="#">View File</a>		

### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2016	NA	National	Null	Null	Null	Null
<a href="#">View File</a>						

#### 5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The functions of the Students Council shall be to me suggestions to the appropriate authorities of the University in regard to the programmes of studies, students welfare and other matters of importance, in regard to the working of the University in genegr1 and such suggestions shall be made on the basis of consensus of opinion. The Students Council shall mcet at least twice in every academic year and the first meeting of the Council be held in the beginning of the academic session.

### 5.4 – Alumni Engagement

#### 5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni Club actively under Dean Students' Welfare (DSW) was established in the University and every year, University has been organizing 'Alumni Meet during convocation. The data of all Alumnae Department-wise was uploaded on the University website. It was also decided that "Alumni Corpus Fund" is created and separate account be opened for the same so that various academic activities can be organised throughout the year. Further, alumnae can significantly contribute to the development of the Departments and the University. It is



advised that the name of the Alumni Association of Central University of Rajasthan is to be registered in the name of Alumni Association of Central University of Rajasthan

5.4.2 – No. of registered Alumni:

1182

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

1

## 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 Central University of Rajasthan is committed to inculcating and sustaining quality in all the dimensions of Higher Education viz. teaching, learning, research, extension and governance while catering to the regional and global needs. CURAJ offers 50 Masters and PhD programmes in its 29 departments. The University operates from its permanent campus of 550 (approx.) acres and it has adequate hostels housing nearly 2000 students in the campus. University focuses keen on decentralization by intending equal opportunity (equal role to participate is the functioning of the University management comprises of management committee, University council and each committee has been provided with specific functions cater to the needs of University for the ongoing progress and development of the University. Management committee takes case of infrastructure facilities which fulfil the quality and the required needs of the higher education bodies to reach the set goals or bench -marks of the University. It also extends all the amenities for the teaching and nonteaching faculty and students. Council takes care of financial management and the implementation of facilities for the University with the cries to upgrade the standard of amenities which supports effectively the teaching learning and research aspects. It guides and articulates the available resources and provides freehand to the head of the University to carry out the activities in order to reach the expected maximum standard in turn to motivate the teaching and non teaching faculty to work according to the goal set.

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
Teaching and Learning	The outstanding sentiment of the fact that pedagogical practices determine the learning experiences and influence the learning outcomes. The university adopts quality improvement strategies in teaching-learning process through innovative pedagogies and engaging learning environment to ensure holistic development of students. The teaching-

learning strategies are re-examined and syllabus is revised at regular intervals to maintain and sustain the interest of the learners. The students are skilled not only in the subject domain but they are also given opportunities to develop multidisciplinary understanding through Choice-based Credit System wherein the students have the liberty to choose the general elective courses of their choices.

Human Resource Management

The University has devised a well-defined mechanism for redressing the grievances of students, teachers and non-teaching staff. The ordinance of the University provides grievances redressal mechanism.

Industry Interaction / Collaboration

To focus on the importance of industry interaction/collaboration in curriculum designing, training and placement, the University has entered into collaboration with industry partners and sector skill council, particularly for designing of professional courses and training of students. Better interaction between university and industry is the need of the hour. With the advent of globalization and opening up of Indian economy to the outside world, competition among industries has become stiff. There is an urgent need to prepare students for jobs in multinational companies, by exposing them to newer technologies and engineering methodologies. These objectives can only be achieved well by bridging the gap between industry and the academic institute. University-Industry linkages refer to the interaction between firms and universities with the goal of solving technical problems, working on RD, innovation projects and gathering scientific as well as technological knowledge. Industry experts have also been nominated in the BoS of various departments offering professional courses for having relevant inputs on industry skills required to be imparted to students. Some MoU(s) was done with various companies for skill training, internship and placement.

Admission of Students

The University now offers 78 programmes of study under 38 departments and 12 Schools of Study

with enrolment of more than 2800 students. The University offers admission through Central Universities Common Entrance Test (CUCET). With quality parameters for the admission process in place, at the age of 13, the Central University of Rajasthan now claims of NAAC accredited Grade 'A' university, having more than 40 of students from 28 different states and UTs other Rajasthan. Also, the University has always been successful in maintaining encouraging enrolment of female students and there is a constant increase in the number of female students. The University's focus on the promotion of diversity, inclusivity, and outreach. Further it also attract foreign students via ICAR.

Curriculum Development

The University pursues the vision of quality higher education to provide the best of learning opportunities to the students. The prospectus forms and the support of the teaching-learning activities help the students. It aligned with creative and critical thinking in addition the curriculum of all the programmes of study is built on high expectations of students which involve various industry and eminent expert in the respective filed. It also emphasizes significance of content, innovative pedagogies and problem solving strategies that enable the students to apply reasoning to justify their thinking, suiting diverse needs of student community. It is also developed through a collaborative approach in which students suggestion keeps in mind, faculty and subject-experts participate in the exercise of devising a standard curriculum. Thus, the curriculum is guided by the principles of significance, legitimacy, enjoyment and objectivity, in which industry partners are also takes part and roped in particularly to design of the curricula of professional courses. The Choice Based Credit System (CBCS) was implemented in all the UG/PG Programmes of Study

Examination and Evaluation

The implementing of e-governance in the examination is very essential to keep in mind that the complexity and timely delivery of services to the students. As of now the examination branch is putting all efforts in making

automation in all the activities and following e- governance initiation has been undertaken. The student register to subjects/credits for all the semester and the examination form is fully online. The result publishing and tabulation is partially automated but fully computerized. The question paper setting is fully digitally. In addition, to that National Academic Depository (NAD) is implemented. To conduct of examination and secrecy is utmost via barcoded answer booklet. All the marks cards and degree certificate are having more than five latest security features. Further, the student record is maintained in soft copy. The student request for service done via email. All the fees are collected through e-mode/through bank. Exam Hall tickets are issue online. Still the few areas which requires e-governance to reach out end to end automation of examination cycle from filling of registration form to issue of degree certificate including entry of internal and external marks, printing of marks card etc. Introduction of online on demand Examination using e-platform.

Research and Development

The important quality improvement strategies pursued by the University in research and development include- adoption of UGC minimum standards and procedure for award of Ph.D Degrees Regulations, 2016 and UGC (Promotion of Academic Integrity and Prevention of Plagiarism in Higher Educational Institutions) Regulations, 2018 admissions in research programmes through Central Universities Common Entrance Test (CUCET). The provision of minimum residency period of two years mandatory for PhD programme and zero tolerance against plagiarism and intellectual theft. The University also provides financial assistance, in the form of Non-NET Fellowship, to all the research scholars who are not covered under Junior Research Fellowship. In addition, the facility to check thesis/dissertation/projects/papers for faculty plagiarism via Turnitin user licences for plagiarism detection software for students is provided. The regular training programmes/workshops are organised to train researchers on writing effective research papers, undertaking research projects, etc.

Academic Integrity and Misconduct Policy is available online at university website

Library, ICT and Physical Infrastructure / Instrumentation

The university library is facilitating more number of digital resources that are accessible remotely that too at full-text level. For the effective use of the subscribed e-resources, the library is organizing more number of user literacy programmes. This approach has increased the usage of resources. The ICT Section of the University is facilitating hardware and software that are necessary for teaching and learning processes. The virtual classrooms are effectively utilized for creating e-content and the same is being uploaded on the University website for wider use of resources. The high end central instrument facility is under construction and high end equipment's are under procurement via HEFA grant.

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

E-governance area	Details
Student Admission and Support	Central University of Rajasthan taken admission through CUCET student admission for the year 2016-17 is partially implemented online. Any other queries related to admission Contact details regarding Admission/Counselling Queries on university website.
Examination	The School Board may, with the approval of the Academic Council, provide for the minimum requirement of courses in a programme and examination thereof. Each course shall be allotted credits depending on the quantum of work required to be done for teaching / learning of the course in a semester. The assigning of credits to a course shall be based on the principle that one hour of theory lecture or tutorial per week shall be allotted one credit while two/three hours of practicals / field work in a week shall carry one credit.
Planning and Development	The University has established statutory bodies like Academic Council, Executive Council and Finance Committee. All the decisions of the University have been taken by the appropriate statutory bodies. The proceedings of these bodies are available on the University Website.

	<p>Central University of Rajasthan is committed to the quality improvement in all aspects of administration. The University aims to introduce the qualitative and reformative changes in consonance with the contemporary trends in higher education. This Manual will further streamline the administration of the University for speedy disposal of files and effective execution of policy decisions.</p>
Administration	<p>To achieve the target of Paperless IQAC , committee members of it started using Google facilities like Google sheet :- For data collection from Various Departments. Google Docs :- To prepare notices and activity reports. Google Forms :- To prepare Feedback forms and get Online feedbacks of Students, Parents. Google Drives :- To keep all department wise proofs ICT has been introduced in the Administrative work.</p>
Finance and Accounts	<p>The current aim of the university is to provide quality, employable higher education in completely digitalized form. For success of this the finance department collects all form of fee viz. admission fee, examination fee counselling fee and other related fees, that has been decided by the admission committee, examination committee, accreditation board, finance committee, executive committee and other. The Finance Committee considered the proposal for creation of 95 (short-fall) non-teaching positions and recommended that the University will take necessary action for sending the proposal to UGC for sanction towards creation of create non-teaching position and the same be placed before the Executive Council for approval.</p>

### 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
2016	Prof. Supriya Agarwal	National Seminar on Women Studies Re-thinking Empowerment:	Maulana Azad National Urdu University, Hyderabad	3290

		Gender and Development in India		
2016	Prof. Supriya Agarwal	21st World Congress of International Comparative Literature Association, 2016	Vienna Austria	95058
2016	Dr. Vishvanath Tiwari	5th Biennial International Conference on New Developments in Drugs Discovery From Natural Products and Traditional Medicines	Mohali, Pubjab	8143
2017	Dr. Suman Tapryal	International Conference on Nanoscience and Technology	IISER, Pune	10000
2017	Dr. Tarun Kumar Bhatt	National Workshop on NGS data Assembly and Exploration	NIGPR, New Delhi	6424
<a href="#">View File</a>				

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)
2016	Armstrong Workshoop	Comuter Skills programme	22/09/2016	24/09/2016	89	52
2016	Three day joint studio workshipo on sustain able design in collaborat ion with SPA new Delhi	Hindi Rajbhasha programme	11/04/2016	11/04/2016	48	39
<a href="#">View File</a>						

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
Health Safety and Environment	1	22/09/2017	29/09/2017	8
All India Rabi Seminar on oil seeds, oil trade and industry	1	04/03/2017	06/03/2017	2
Development of an Integrated Bio and Hydrometallurgical approach for metal recovery from Waste Electric and Electronic Equipment (WEEE)	1	30/01/2016	01/02/2016	3

[View File](#)

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
119	119	89	89

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
0	0	0

**6.4 – Financial Management and Resource Mobilization**

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

CURAJ regularly conducts internal and external financial audits. It has a full-time Treasurer and Accounts Department since inception to ensure maintenance of annual accounts and audits. 1. The following agencies conduct regular financial audit in the Institute: External Audit: External Audit is conducted by the following: (a) CAG through Auditor General (AG) Jaipur. (b) Chartered Accountant of the Institute Internal Audit: Internal Audit is conducted by an Internal Auditor. 2. AG, Jaipur conducts statutory audit covering all financial and accounting activities of the Institute. This includes scrutiny of the following: (a) all receipts from fee, donations, grants, contributions, interest earned and returns on investments (b) all payments to staff, vendors, contractors, students and other service providers.

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	Funds/ Grnats received in Rs.	Purpose
----------------------------	-------------------------------	---------



funding agencies /individuals		
UGC	759885036	Recurring Exp. Non-Recurring Exp Salary Exp Wi-fi Project Sponsored
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

1000000
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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	Yes	Academic Council	Yes	Academic Council
Administrative	Yes	Finance committee	Yes	Finance

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

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

Departmental and Faculty Presentations maintain semester wise The entire Departments Academic Audit Administrative Audit of all the Sections Standard Operating Procedure (SOP) for administrative branches
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6.5.4 – Development programmes for support staff (at least three)

Yoga Computer Skills Programmes Fit India Movement Programme
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6.5.5 – Post Accreditation initiative(s) (mention at least three)

The first cycle of NAAC Accreditation in 2016 has served as a pointer towards the aspects of the University that could be expanded or improved upon. We were unable to comply with the schedule for the second cycle of NAAC Accreditation after four years. Our strength, to form the IQAC Committee as suggested by NAAC with wide range of academic diversity which include all schools deans and three external members to make IQAC functional and decided to go for the second cycle in 2021.
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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	No

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
2016	Revision of curricula of all the	06/09/2016	06/09/2016	06/09/2016	7

	department and involvements of industry experts				
2017	Encouraging the faculty for quality Research, the IQAC planned to write more proposals for professional developments	07/02/2017	07/02/2017	07/02/2017	30

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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
Debate competition on the topic "To create a better society, It is essential to empower women"	19/10/2016	19/10/2016	45	89
Quiz on students' awareness about gender related practices, institutional arrangements for promoting gender justice and other gender related concerns	19/10/2016	19/10/2016	74	43
Poster making competition for spreading awareness and imparting message of gender equity	15/11/2016	15/11/2016	15	13
Special lecture on	20/02/2017	20/02/2017	10	11

'Gender sensitization: Why do we need it?'				
Film Screening as a part of gender sensitization campaign and to make the univervisty community aware of various complex gender issues	08/09/2016	08/09/2016	50	42

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
<p>The university is the first in the state of Rajasthan and among the 12 central universities formed by the HRD ministry in February 2009 by an Act of Parliament, the Central Universities Act 2009 to have successfully channelized solar energy to meet a part of daily requirements. A state with abundant sunshineshould have set an example in using solar energy to meet most of its requirements, is still a distant dream. But, the Central University of Rajasthan, in a first-of-its-kind initiative, has shown the way by meeting 60 of its energy needs through solar energy. The university campus has four buildings with a monthly requirement of 600 kilowatt electricity, of which 420 KW is generated by solar panels. In addition to being renewable source of energy and eco-friendly, the method is also proving to be cost effective for the university. University is now planning to install four solar units of 30 KW each and one of 1 megawatt in the upcoming time to become the first university in the country to run 100 on a renewable source of energy. The university lies in the tropical region Ajmer district, Rajasthan and receives enough sunlight to meet 100 energy requirements. Fulfilling its commitment of promoting 'sustainable development', the university has installed 62 electric poles of 400 watt each across the university driven by solar panels. These solar lights automatically become active after sunset and switch off automatically during sunrise. Throughout the day the cells recharge themselves to a level that they could run for 16 hours. Furthermore, the solar energy is also used for heating 20,000 liters of water every day in each of the four buildings of hostel to provide uninterrupted supply of hot water during winter. Fans, tube lights, computers and other equipment's below 9 KW can be operated by solar energy. Once the upcoming projects will be completed, the university will join the league of world's few academic institutions promoting sustainable development. The day is not so far when the university will attain self-reliance in terms of power requirement</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4
Provision for lift	Yes	4
Ramp/Rails	Yes	4
Rest Rooms	Yes	4
Scribes for examination	Yes	4

Special skill development for differently abled students	Yes	4
Any other similar facility	Yes	4

#### 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
2016	1	8	12/01/2016	1	Blood Donation	promote	8
2016	1	14	04/05/2016	1	Clean Drive	Clean Ness	7
2017	1	19	02/10/2016	1	Education	Education for all	11
2017	1	28	05/09/2016	1	Female Child	Save Girls Child	16

[View File](#)

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

Title	Date of publication	Follow up(max 100 words)
Handbook	15/05/2017	The Central University of Rajasthan has been established by an Act of Parliament (Act No. 25 of 2009, The Gazette of India, No. 27, published on 20th March, 2009 as a new Central University, and is fully funded by the Government of India. The Government of India also established 11 more Central Universities in Bihar, Gujarat, Haryana, Himachal Pradesh, Jammu and Kashmir, Jharkhand, Karnataka, Kerala, Orissa, Punjab, Rajasthan and Tamil Nadu.

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

Activity	Duration From	Duration To	Number of participants
Yoga Day celebration	21/06/2016	21/06/2016	189

Woman's Day Celebration	08/03/2016	08/03/2016	116
Vigilance Awareness Week and Birth Anniversary of A P J Abdul Kalam	26/10/2016	01/11/2016	270
Teacher's Day Celebration	05/09/2016	05/09/2016	1321
International Volunteer day	05/12/2016	05/12/2016	102
<a href="#">View File</a>			

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

**INTRODUCTION:** Central University of Rajasthan (CURAJ) is committed to raising ecological sustainability both on campus and in the world beyond. We recognize that environmental responsibility is a way of life, not just a trend, and that new science continually brings new opportunities for improvement, so the active commitment to nurture sustainability will never end. Recent efforts to improve environmental sustainability include the establishment of the watershed management, green buildings, sewage treatment plant, rain water harvesting, functional state-of-the-art composting system (vermicomposting), green belt development, installation of solar panels and solar water heaters etc. In particular, students have played a vital role in encouraging environmental consideration in every functional facet of the institution. These innovative and ambitious groups include the team NAVSRJJAN, Department of Environmental Science, Central University of Rajasthan will continue to investigate environment-friendly possibilities in campus and develop strategies for funding and executing them. The campus sustainability efforts not only help to maintain the health of the public and surrounding ecosystems, but also adhere to the interdisciplinary goals of a liberal arts education through well-rounded scholarship and reflection.

**GREEN BUILDINGS:** The buildings in CURAJ are designed in such a manner where energy conservation techniques is implemented. CURAJ was able to successfully build and occupy the new buildings constructed with sustainable building concepts. Green buildings are a happy sign of the times, with a growing awareness on carbon emissions. It doesn't take much to make a building green: utilize locally available material, make the best use of sunlight and natural air currents, harvest rainwater and recycle corporation water, and manage waste efficiently. It accomplished this through the coordination of a number of disparate resources that dovetailed with those sustainable techniques. Surpassing ECBC with cavity walls of 2" thickness extruded polystyrene insulation roof slab with 3" polyurethane insulation to reduce heat gain - windows protected from direct solar exposure with the help of horizontal shading devices precast vertical 'Jalis' a vernacular design feature of the region. The essential area of window glass is with high performance glazing. Use of local stone for external cladding. In the master plan, courtyards / enclosed spaces emphasize, cut outs in student's hostels, passive systems viz. earth air tunnel, geothermal heat exchange and two stage evaporating cooling. The existing Building Thermal Performance

#### 7.2 – Best Practices

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

Describe at least two institutional best practices Since inception of the Central University of Rajasthan, efforts are being made to develop its campus on green concepts particularly focus on water conservation, use of alternative

sources of energy, solid waste management, vermicomposting, green belt development, sustainable architectural designs of building etc. In a short period of time, CURAJ campus has emerged as a model campus which gives a message to the community and other organizations that under the natural stresses like of Rajasthan, we can solve the problem of water crisis to mitigate the impacts of regional as well as global environmental challenges to a greater extent. While experiencing CURAJ campus life, our students must learn about the threats to our environment and how to develop long term strategies for environmental conservation and its proper management for our present day needs and for our generations to come. It is our moral duty to put our actions and efforts following the motto of the university - Education for Sustainable Development.

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

<https://www.curaj.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

The primary objective of Central University of Rajasthan is to provide high-quality higher education to students by launching new academic programs and courses, as well as organizing academic and extracurricular activities. CURAJ is nurturing research by establishing state-of-the-art research facilities and via academic partnerships with prestigious institutions. The University has two distinguishing characteristics: first, motto Sustainable Development after and second, Green Solutions. Since, its inspection, university considers quality higher education with sustainable development via it opening new courses as an important tool to establish such values. This value is even more important because this university is located in Rajasthan, a desert land and with severe water scarcity. The following are some of successful efforts made by the University that makes the University unique and distinct: In order to promote green initiative and increased awareness of water conservation and rain water harvesting and various other the efforts yielded positive results. To accomplish this objective the university has initiated documentation, preservation and promotion of the traditional knowledge of Rajasthan, by organizing in-residence workshop that allow students to interact with their inherent knowledge for scientific validation. Under the "Unnat Bharat Abhiyaan," a team of faculty members maintains constant liaison with villagers from five villages to improve their health and hygiene, education, and other support systems. Initially innovation cells set up with the aim of identifying, encouraging, and fostering scientific talent within the CURAJ family as well as surrounding areas. To develop this culture in CURAJ, started conducting sessions on innovations, start-up's and entrepreneurship. The primary mandate of innovation cells is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are in campus. Innovation cell puts in concerted efforts to identify grass-root innovators from neighbouring villages in varied domains such as agriculture, engineering, etc. following are the objectives: • To develop a friendly innovation ecosystem among the faculties, staff and students where majority of stakeholders remain motivated for doing innovation in any area of their interest that is beyond the boundaries of departments. • To establish "National Innovation and Startup Policy for students and faculties" in the CURAJ • To create a vibrant local innovation ecosystem, Start-up supporting Mechanism in HEIs, Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas • To facilitate interaction between the teaching / student communities and grass-root innovators, Mentoring of grass-root innovators to

facilitate the transfer of technology to the society

Provide the weblink of the institution

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

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

The University is sensitive about the academic eco-system and stake holders. All faculty members will be motivated and necessary seed help will be given to bring projects and funds, among other things. University is also to synergize the teaching with research and another importance area of the University is to cover the researcher's density and enhanced collaboration. The university is appointing Director Research and Training and Placements officers, to improve academic excellence and target-oriented research. The university established integrated University Management System (IUMS) - an e-governance initiative and currently, University has switched over to Samarth- an RP initiative of Govt. of India. Integrated University Management System (IUMS) ERP (Enterprise Resource Planning) is being used actively by various sections like examinations, financial accounting, online fee payments, hostel activities etc. IUMS helped the university to follow complete online payment procedure as well as preparation and declaration of results of various examinations conducted by the university in the academic year. University seeks to have a robust and fully functioning Learning Management System (LMS), which will bring qualitative improvement in academics and efforts will be made in this direction. IPR policy, academic inventors shall be encouraged to undertake patents by offering incentives. A well-defined budgeting process will be created for the same. University is making all efforts to enhance the quality of teaching and conducting research with innovations. The university is analyzing the learning outcome based curriculum frameworks at undergraduate level and mapping the essential elements for innovative and quality teaching learning processes. The cluster based interdisciplinary researches having potential to transform knowledge into value addition in a multidisciplinary environment will be encouraged. The autonomy at all level university has resolved to exercise the funds requirements at department level as per their needs. Accordingly, budget preparation will include the inputs obtained from departments. Additional resources will be mobilized through corporate social responsibility (CSR). The academic resources including the instruments, research facilities and smart class rooms, etc. will be optimized. Alumni associations will be sensitized and involved at different level of teaching learning process including statutory bodies. The blended mode of learning as per the UGC guidelines has already been adopted and implemented. Efforts will be made to improve the quality of the delivery and improving the infrastructure for the same. The university envisions holistic development for the students, and so, student involvement in NCC, NSS, sports, yoga etc. will be made an indispensable part of course structure for creating well-rounded individuals. University is making efforts to transform the campus as a green campus and significantly enhancing the usage of renewable energy by installing solar panels. The university intends to improve its ranking and perception. Thus, we plan to conduct various audits such as Green Audit, Safety Audit, Gender Audit, and ISO certification.