



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

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 its own campus?	Yes
• Phone no./Alternate phone no.	01463257502
• Mobile no	9881731235
• Registered e-mail	director.iqac@curaj.ac.in
• Alternate e-mail address	vc@curaj.ac.in
• City/Town	AJMER
• State/UT	RAJASTHAN
• Pin Code	305817
2.Institutional status	
• University	Central
• Type of Institution	Co-education
• Location	Rural
• Name of the IQAC Co-ordinator/Director	Prof. Pradeep Verma
• Phone no./Alternate phone no	01463257510

• Mobile	9414071791
• IQAC e-mail address	director.iqac@curaj.ac.in
• Alternate Email address	pradeepverma@curaj.ac.in
3.Website address (Web link of the AQAR (Previous Academic Year)	https://curaj.ac.in/acts/naac-second-cycle
4.Whether Academic Calendar prepared during the year?	No
• if yes, whether it is uploaded in the Institutional website Web link:	https://curaj.ac.in/academics/academic-calendar

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.01	2016	16/09/2016	15/04/2023
Cycle 2	A++	3.54	2023	10/06/2023	09/06/2028

6.Date of Establishment of IQAC 21/11/2010

7.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
Ms. Sakia Shabnam Kader	Comparative study of the trends of convective available potential energy from ECMWF and observational data for thunderstorm in Bangladesh. INSA/DST-ISRF/2022	INSA	11.07.2022	330000.00
Dr. Vishvanath Tiwari	Assessment of Acinetobacter baumannii modulated host autophagy for finding novel therapeutic strategies. AMR/Adhoc/291/2022-ECD-II	ICMR	12.07.2022	1107144.00
Dr. Bhawana Bissa	Understanding transcriptional and epigenetic modulation of AMPK subunit expression during acquisition of cancer chemo-resistance. SPG/2021/002833	SERB	02.08.2022	3958900.00
Dr. Suman Tapryal	Development of L-proline modified magnetoreceptor protein-coated iron beads as recyclable heterogenous biocatalyst for asymmetric transformations. SPG/2021/004521	SERB	05.09.2022	4372005.00

Dr. Nidhi Pareek	Upcycling of chitin rich residual resources for targeted production of organonitrogen chemicals. SPG/2021/003648	SERB	05.09.2022	3656180.00
Dr. Vineet Kumar (PI) & Prof. Pradeep Verma (Mentor)	Investigate the mechanism of biofilm formation, quorum sensing molecules, and their gene expression in bacterial community during biodegradation of chlorolignin waste from pulp-paper industry. PDF/2022/000038	SERB	29.11.2022	2025600.00
Dr. Jayanti Pal	Generation of Merged Rader, Rain gauge & Satellite Precipitation, and Retrieval of Cloud Microphysical parameters using DWR and Numerical Model Products. MoES/16/02/2021-RDESS/NARM-2	MoES	06.12.2022	4235550.00
Dr. Easwar Srinivasan	Investigation of diverse reactivity patterns in morita-baylis-hillman ketones to access biologically significant heterocyclic scaffolds. CRG/2022/008471	SERB	08.12.2022	3447400.00
Dr. Anuj Kumar Sharma & Prof. Chandi C. Mandal	Conjugated approach for more effective Cu and Ru metal Based Molecular Agents with Enhanced Anti-Cancer Potential and Reduced Side-Effects. CRG/2022/004355	SERB	08.12.2022	3829650.00
Dr. Jai Prakash Tripathi	Mutations makes the pandemic worse or better: a mathematical modeling study. MTR/2022/001028	SERB	26.12.2022	660000.00
Prof. Chandi Charan Mandal	Deciphering the influence of adipocyte-like cell subpopulation transdifferentiated from brest cancer cells in tumorigenic activity and its therapeutic potential. 52/25/2022-BIO/BMS	ICMR	13.01.2023	1276129.00
Dr. Nidhi Pareek	Enhancing the efficiency of clean energy production by intensifying anaerobic bioconversion of organic waste using solar energy. DST/INT/RUS/RSF/P-62/2021 (G)	DST	19.01.2023	7489084.00

Dr. Kiran Kumar Tejavath	Studies on inhibition of SHP2/PTPN11 pathway to overcome chemo-resistance in PDAC using targeted combination therapy. EEQ/2022/000419	SERB	01.02.2023	3003000.00
Dr. M. Bhanuchandra	Regiocontrolled Direct C-H Selenation, Arylation, and Homoallylation of (Hetero) arenes: Synthesis of Medicinally Important Molecules. EEQ/2022/000490	SERB	07.02.2023	3306600.00
Prof. Jagdish Jadhav	DST-CPR Financing Understanding Policy and Investment Priorities for STI Sector at the Sub-national Levels. DST/PRC/CPR/Central University of Rajasthan	DST	31.03.2023	2888292.00
Dr. Milan Sasmal	All Solution-processed MoS2 nano-bio-composite flexible electronic sensor for environmental monitoring. SAN/CSR/01/2022-23	CSR-HEFA	31.03.2023	4236500.00
Prof. Amit Kumar Goyal	Bioadhesive patch for buccal/ sublingual delivery of Insulin. NRDC/250000/CURAJ/2023	NRDC	10.05.2023	1000000.00
Prof. Amit Kumar Goyal	Development of novel formulation for prevention and control of teat udder infection in cattle. BT/PR46598/AAQ/1/938/2022	DBT	10.05.2023	5374336.00
Dr. Ajit Kumar Patra	Exploring the Functionalities of Novel Heusler Alloys by Employing Neutron Diffraction. CRS/2021-22/03/568	UGC-DAE CRS	15.05.2023	243240.00
Dr. Basant Agarwal	Cross-Lingual knowledge transfer for social media analysis in less-resourced languages during COVID-19. DST/ICD/Indo-Stovenia/2022/15 (G)	DST	01.06.2023	1350240.00
Prof. Sanjib Kumar Panda	Functional Genomics and Genome editing for Iron biofortification in pigeon pea. DST/INT/DAAD/P-14/2022 (G)	DST	16.06.2023	713000.00
Dr. Nivedita Chaudhary (PI) & Dr. Shailesh	Evaluation of ecologically significant grasses of arid environment of Rajasthan under	SERB	16.06.2023	3079323.00

Kumar Patidar (Co-PI)	independent and interactive heatwave and ozone exposure: Identifying conservation strategy under climate change scenario. SCP/2022/000339			
Dr. Garima Kaushik	Development of efficient extremophilic bacterial formulation(s) for organophosphate pesticide degradation, mineral solubilization and plant biostimulant production for sustainable agriculture in northern wetern Himalayas and Central west subtropical India. CRG/2022/002534	SERB	19.06.2023	2493667.00
Dr. Pramod N. Kamble	Development of Institutional Herbal Garden at Central University of Rajasthan, Ajmer, Rajasthan HG/RAJ-01/2023	NMPB	20.02.2023	2160000.00

8. Whether composition of IQAC as per latest NAAC guidelines	Yes
<ul style="list-style-type: none"> Upload latest notification of formation of IQAC 	View File
9. No. of IQAC meetings held during the year	3
<ul style="list-style-type: none"> The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report) 	Yes
<ul style="list-style-type: none"> (Please upload, minutes of meetings and action taken report) 	View File
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> If yes, mention the amount 	

11. Significant contributions made by IQAC during the current year (maximum five bullets)
Students feedback on teachers, curriculum & campus are collected by IQAC Cell Feedback is also collected from students, Teachers, Parents and Alumni. The collected feedbacks are scrutinized; data analyzed and utilized for quality enhancement and improvement in various aspects such as curriculum enrichment, university infrastructural facilities etc.

Committees help & coordinate for student support & mentoring in academic, sports & cultural activities.

Various Committees are formed for support services on the recommendation of IQAC

IQAC prepares the plan to include the use and enrichment of ICT infrastructure expected from each department. The IQAC has advised the administration to develop ICT infrastructure.

Infrastructure & green campus are continuously improved.

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

Plan of Action	Achievements/Outcomes
Development and application of innovative practices in various programmes / activities leading to quality enhancement.	Faculty course content development : Faculty are involved in course content development
Work for the development of internalization and institutionalization of quality enhancement policies and practices.	Implementation of project based learning by faculty in the departments
Arrange for feedback responses from students, teachers, parents & Alumni on syllabus.	Students feedback is collected and analyzed to improve the quality of teaching and necessary action taken on the faculty with low feedback
Development and application of quality benchmarks / parameters for the various academic and administrative activities of the institution.	Collaboration with university & other Colleges, in teaching and learning practices to improve quality of teaching. Collaboration with NGO's such as Rajasthan Mahila Kalyan Mandal
IQAC Cell provides assistance/guidance to revised course curriculum as per NEP-2020 for all the departments of the University	The University has implemented new course curriculum for skill development courses and also changed some course curriculum as per the NEP 2020.
Promotion and Career Advancement Scheme (CAS) by the university	As per direction Hon'ble Vice Chancellor and director IQAC the university completed CAS application received by IQAC Cell.
Formation of Sub Committees for Promotion of staffs, Departmental Sub committees for NAAC-related work.	As direction Director IQAC the University create a new Sub Committee for CAS Promotion and also created a sub-committee at the department level to smooth the work of NAAC-related data.

13. Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
------	--------------------

Deans Committee	22/02/2024
-----------------	------------

14. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?	Yes
--	-----

15. Whether institutional data submitted to AISHE

Year	Date of Submission
2022-2023	15/04/2024

16. Multidisciplinary / interdisciplinary

Since its inception, the University's vision has been to provide clear sustainable solutions. It has sought to develop deep interdisciplinary knowledge and flexibility. The Central University of Rajasthan (CURaj) adopted a credit-based system for Interdisciplinary learning in all programmes. A total of 52 programmes, spread over 12 Schools, make the University truly multidisciplinary, integrating Science and Technology with social sciences and humanities having a wide range of minor modules and open electives. While electives and open electives make the curricula highly flexible and innovative, there is a fair balance between theory and practical components, internship, capstone projects and research-based learning. The credit-based courses in environmental science, values & ethics and community connections are compulsory for the holistic development of students. The University has implemented the NEP-2020, based on curricula as designed by Higher Education for the ten integrated programmes. The University level NEP-2020 committee has prepared a detailed guideline with respect to the revision of the curriculum with an exit option leading to a certificate/diploma.

17. Academic bank of credits (ABC):

University has progressed towards the execution of Academic Bank of Credits (ABC) by implementing the following requirements for the ABC.

1. All the programmes in the Central University of Rajasthan are based on the Choice Based Credit Semester (CBCS) System.
2. The university has revised the curriculum recently as per the NEP 2020. All the courses in the respective programmes have five categories, viz. Core Courses, Elective Courses, Ability Enhancement Courses, Skill Development Courses and Audit courses.
3. Central University of Rajasthan is also registered on the ABC portal.
4. Total 1931 students are having registered on the ABC portal and the credit details of the students are uploaded on the ABC portal. Total 3451 Mark sheets and Degree certificate details have been uploaded on the ABC Portal during the AY 2022-23. Students are able to access the credit details from their respective individual accounts. Students enrolled in five-year Integrated M.Sc. programmes have the privilege to avail themselves of the possibility of exits after three years with a B.Sc. degree from the University. However, multiple-entry and multiple-exit in all programmes along with integration of the academic programmes of the university with similar programmes of other universities are in progress.

18. Skill development:

The University started 14 soft skill courses in PG Diploma in Yoga and Pain Management which will start under the Department of Vocational Studies and Skill Development. Such courses which further enhance learning

practice toward young talents have already started. The University has also started the PG Diploma in Media Writing and Digital Communication under the Department of Culture and Media Studies. The main objective of this program is to equip students to meet the challenges of the futuristic industry of Digital Media Communication and equip students with advanced digital media skills, and technical abilities through multimedia labs. To develop students strong competencies in digital content writing and train students in conceptual and practical aspects of audio-visual communication and digital marketing. The Central University of Rajasthan still has a creative and multidisciplinary curriculum that focuses equally on other subjects such as humanities, sports, languages, Architecture, culture, mathematics, etc. apart from science. The University acted immediately and developed a framework under NEP-2020 recognizing the importance of soft skills such as communication, teamwork, problem-solving, decision-making, analytical thinking, resiliency, etc. as imperative life skills.

19.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The University hosts students, both national and international, from diverse ethnic and cultural backgrounds. It seeks to promote cultural tolerance and harmonious existence in alignment with *Vasudhaiva Kutumbakam* as National Policy. The University also seeks to integrate traditional Indian experience in areas such as organic farming, and sociological studies. An interdisciplinary program under the Department of Society-Technology Interface connects two streams of Indian knowledge System and Modern Technology for better career opportunities. Through Indian Sign Language, the Department of Linguistics is trying to come up with signs and symbols for the deaf and dumb students. In this direction, Dr Sharita Sharma has also got consultancy from the Government of Gujarat and the Government of Tripura to convert the textbooks at the middle level into Indian Sign Language. The Indian linguistic space, has been a new geo-political identity. In terms of structure and function the South Asian languages have developed because of shared cultural space that has been vibrant and interactive over several millennia. This essential unity of divergent languages of India has made it possible to make Indian languages a very fertile ground for creative and critical minds. Panini Linguistics seeks to provide a complete maximally concise, and theoretically consistent analysis of Sanskrit grammatical structure, which is the foundation of all traditional and modern languages.

The Grammar is based on the spoken language (*bhasa*) of Panini's time, and also gives rules on Vedic usage and on regional variants.

20.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The University has implemented an outcome-based curriculum in almost all programmes. The curriculum is designed unit-wise, accordingly, lecturer allocation to each unit, and mapping of questions with course outcome (CO) to meet the program objective (PO). Mapping of COs with POs/PSOs and correlation level, target attainment, assessment methods, rubrics, reviews, and analysis of outcomes, along with the corrective actions have been carried out. Performance in internal assessment, oral/practical exam, and ESE is being used as direct assessment tools and various surveys such as exit survey, end-semester survey employer survey, peers survey were conducted as a tool of indirect assessment for the attainment of the COs and POs. University has established digital assessment center which will facilitate the question-wise performance of students in ESE with subsequent mapping with COs and POs as direct assessment for computation of attainment of COs and POs.

21.Distance education/online education:

The Central University of Rajasthan has the state-of-the-art Samarth Portal and now an ERP-based Learning Management System (LMS) to effectively support teaching-learning providing lecture capturing systems and smart boards has also been installed. The modern Media Centre facilitates e-content development. The University has licensed MS team users' credentials for blended teaching-learning and online examination tools. University is in the process of starting a distance / online education program and internationalization of education in few selected areas as per NEP-2020.

Extended Profile

1. Programme

1.1 Number of programmes offered during the year:	52
--	----

File Description	Documents
Data Template	View File

1.2 Number of departments offering academic programmes	32
---	----

2. Student

2.1 Number of students during the year	2582
---	------

File Description	Documents
Data Template	View File

2.2 Number of outgoing / final year students during the year:	655
--	-----

File Description	Documents
Data Template	View File

2.3 Number of students appeared in the University examination during the year	2491
--	------

File Description	Documents
Data Template	View File

2.4 Number of revaluation applications during the year	148
---	-----

3. Academic

3.1 Number of courses in all Programmes during the year	1303
--	------

File Description	Documents
Data Template	View File

3.2	212
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.3	248
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4. Institution	
4.1	282245
Number of eligible applications received for admissions to all the Programmes during the year	
File Description	Documents
Data Template	View File
4.2	892
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	View File
4.3	85
Total number of classrooms and seminar halls	
4.4	683
Total number of computers in the campus for academic purpose	
4.5	5477.60
Total expenditure excluding salary during the year (INR in lakhs)	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

The Central University of Rajasthan has introduced an outcome-based curriculum, including POs, PSOs, and COs for all courses offered in 32 Departments under 12 Schools. The Departments and Schools provide various Ph.D., PG, and Integrated programs which cater to regional, national and global needs. The university's curriculum is highly standardized to provide high employability with the right combination of knowledge and skills. The programs that align with the university's mission to create

responsible, considerate, and sensitive citizens also focus on sustainable development. Keeping pace with global trends, the Central University of Rajasthan has introduced unique fields of study, such as Yoga Science, Sports Science, Digital Society, Big Data Analytics, Cultural Informatics, and Atmospheric Sciences. School of Architecture is a prime example of our commitment to practical education, as it focuses on sustainable design to address national and regional issues like waste, water, energy, and human productivity. The Department of English, through its unique course, Content Writing, has created new employment opportunities in the field of media and advertising world. Students with creative bent of mind are getting engrossed after their masters as Copy/ Content Writers in established companies at the national level. The course, Translation: Theory and Practice, is also enabling students to become translators at the regional and national level in courts, passport offices, and state government offices. These departments do not merely provide theoretical knowledge, but also equip students with practical skills that are in high demand in the job market.

File Description	Documents
Upload relevant supporting document	View File

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

17

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

219

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

109

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

50

File Description	Documents
Upload the data template	View File

Upload relevant supporting document	View File
-------------------------------------	---------------------------

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The institution incorporates cross-cutting topics into the curriculum concerning gender, human values, sustainability, environment, and professional ethics. CURaj aims to still social ideals and social duties among its students to defend human rights and gender justice by enhancing their awareness of sustainable development, professional competence, and personal dedication. Most of the courses have been prepared with the aforementioned goals in mind. Comprehensive knowledge of environmental protection, conservation, management, and sustainability in a local, regional, and worldwide context is provided by the Department of Environmental Science's two-year M.Sc. program. Additionally, by actively addressing issues of gender, social justice, human rights, moral principles, and cultural ethos across a heterogeneous societal fabric, the Departments of Social Work, English, Hindi and Culture and Media Studies imbue the spirit of social engagement and aid students in expanding their perspectives in the area of plurality and diversity.

The University's NSS cell regularly hosts a variety of events to make the students imbibe human values for the upliftment of the society in particular, and the country in general through various social welfare and community service initiatives, like blood donation, tree planting, cleanliness campaigns, water body protection, women's involvement in gram panchayats, Run for Unity events, national integration day celebrations, matrubhasha divas, etc. The intellectual ecosystem of CURaj is a testament to the national character that inspires multiplicity, diversity, gender sensitivity, environmental awareness and unity among different cultures. Consultancy Project ECHO, granted to Dr. Subhasis Bhadra on Gender Equity, is a testimony to gender-sensitivity.

File Description	Documents
Upload relevant supporting document	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

119

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

2420

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.4 - Feedback System

1.4.1 - Structured feedback for design and review of syllabus - semester wise / is received from Students Teachers Employers Alumni

- All 4 of the above

File Description	Documents
Upload relevant supporting document	View File

1.4.2 - Feedback processes of the institution may be classified as follows

- Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

1532

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

522

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Admission to the University in various programmes is facilitated through a national-level common entrance test. Students enrolled in various departments are identified as slow and advanced learners based on the entrance marks/degree marks and performance based on the continuous internal examination. This helps to identify the slow learners and to design remedial classes or tutorial sessions to bridge the gap between the slow learners (Blue group) and the advanced learners (Green group). There

is a provision of student mentoring to address the concerns of slow learners through counselling and academic advice. Along with teachers, some advanced learners are encouraged to mentor weak students and help them with their studies. University also conducts distinguished lecture series, NSS, cultural, and sports to develop their overall personality.

For Blue group:

- Provided English and communication skills classes for the benefit of students of the vernacular medium as well as for those whose proficiency in English is low.
- Special extra classes/ remedial classes.
- Provided video lectures and study materials to improve basic understanding of the subject.
- Provision of self-paced learning for slow learners through various Online Courses/MOOC courses.

For Green group:

- Advanced learners are encouraged to appear in various national-level examinations like GATE, NET, etc.
- Encouraged to prepare for higher studies and engage in externally funded research projects beyond regular class hours.
- Active participation in organizing academic events and paper presentations to foster self-reflection among advanced learners.
- Training and Placement Cell invites Companies and Industries to hold their placement drive at the University.

File Description	Documents
Upload relevant supporting document	View File
Link For Additional Information	Nil

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
2582	212

File Description	Documents
Upload relevant supporting document	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences

The University is committed to instilling profound academic acumen to foster a sustainable development ethos. To this end, a diverse array of experiential, participative, and problem-solving learning methodologies are embraced.

Experiential Learning: Classes are orchestrated to be interactive, nurturing innovative and critical thinking. Utilizing audio-visual aids, a Language Lab, and the Google Classroom platform, students are immersed in hands-on learning experiences. Further, students are encouraged to diversify their skill set by enrolling in a myriad of courses offered through MOOCs platforms. Fieldwork and internships are integral components of the curriculum, facilitating immersive experiences within academic, research, and industrial settings, thus fostering participatory and experiential learning. In particular, students pursuing Integrated M.Sc.

B.Ed. engage in semester-long internships at various Kendriya Vidyalayas to hone their teaching process.

Participative Learning: Participative Learning encompasses group discussions, case studies, seminars, presentations, role-playing exercises, team-based activities, quizzes, journal club presentations, extempore speaking sessions, just-a-minute activities, home assignments, workshops, and training programs.

Problem-Solving Methodologies: Students are tasked with editing the university's magazine, Uddan, fostering writing proficiency, teamwork, leadership, and decision-making aptitude. Participation in intra and inter-university competitions, alongside involvement in organizing diverse cultural activities, affords students exposure and opportunities to develop invaluable life skills.

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

The University embraces a blend of traditional classroom instruction and ICT-enabled teaching methodologies to enrich the learning experience. Spearheaded by the ICT cell and DLTSC, concerted efforts are dedicated to developing e-learning infrastructure and fostering a conducive environment for digital education.

Presently, the University boasts 12 smart classrooms, strategically distributed across its schools to accommodate ICT-driven teaching and learning activities. Plans are underway to expand this provision, aiming to equip each department with its own smart classroom, totaling 32 in all. Additionally, the University houses two smart seminar halls with seating capacities of 250 and 100 respectively. These spaces are outfitted with cutting-edge ICT infrastructure, catering to various modes of instruction including offline, online, and blended learning.

Internet connectivity is robust, with 1GBPS (Wi-Fi & LAN) access seamlessly available throughout the campus, including classrooms, hostels, guesthouses, and staff quarters. Future enhancements anticipate an extension to 10 GBPS, ensuring expedited data transfer and accessibility.

Faculty members leverage an array of online tools such as Google Classrooms, Google Meet, Cisco WebEx, Microsoft Teams, and other open-source platforms to efficiently manage and disseminate course-related information, learning materials, quizzes, assignments, and evaluations. Moreover, lectures, including laboratory sessions, are recorded using state-of-the-art Swivl devices, capturing the classroom/lab ambiance, with cloud-based links promptly shared with students for enhanced learning engagement.

File Description	Documents
Upload relevant supporting document	View File

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

212

File Description	Documents
------------------	-----------

Upload relevant supporting document	View File
-------------------------------------	---------------------------

2.4 - Teacher Profile and Quality

2.4.1 - Total Number of full time teachers against sanctioned posts during the year

212

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.2 - Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit. during the year

194

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

1143.52

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

11

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5 - Evaluation Process and Reforms

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

62

2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year

62

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

File Description	Documents
Upload relevant supporting document	View File

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

The University has embraced Information Technology to streamline and modernize the examination process, transitioning towards a paperless and more efficient system. Utilizing platforms like Google Classroom, internal assessments such as quizzes and assignments are seamlessly uploaded and assessed online.

For administrative tasks related to examinations, online portals have been established to facilitate student transactions, including payment of admission and examination fees, as well as the generation of admit cards and semester mark sheets. Furthermore, examination results are promptly uploaded onto the University website, ensuring accessibility and transparency.

In line with the Government of India's initiative to safeguard academic credentials, certificates and mark sheets are securely uploaded onto the NAD-Digilocker portal, mitigating the risk of fraudulent use.

To further enhance operational efficiency, the University has initiated digital assessment system. University is also using online portal system which enables various functionalities including online exam form submissions; admit card generation, marks uploading, conversion of marks into grades, SGPA calculation, result declarations, and the generation of grade sheets. Additionally, online forms for redressal and re-evaluation are facilitated through online system, providing a comprehensive solution for examination-related processes.

File Description	Documents
Upload relevant supporting document	View File

2.5.4 - Status of automation of Examination division along with approved Examination Manual

A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

In alignment with the University's Vision and Mission, a comprehensive framework comprising Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) is delineated for each academic program. These outcomes serve as guiding principles to shape the curriculum, which is meticulously designed to incorporate Course Outcomes (COs) aimed at achieving the desired POs and PSOs.

Adopting a holistic approach to student training, the University espouses a concept-based and curiosity-driven model of education. Under the guidance of the Vice-Chancellor, extensive consultations with faculty members have culminated in the development of a standardized template. This template encapsulates essential elements such as Background, Programme Outcomes, Programme Specific Outcomes, Postgraduate Attributes, Structure of Masters Course, Learning Outcome Index, Semester-wise Courses and Credit Distribution, Course-level Learning Outcomes, Teaching-Learning Process, Blended Learning, Assessment and Evaluation, Keywords, References, and Appendices.

Courses undertaken by students are categorized into core courses, generic electives, and discipline-specific electives, adhering to the Choice Based Credit System (CBCS). These courses are delivered through various modes including theory, practical, or tutorial, often in a combined format. Leveraging ICT-enabled tools and blended learning methodologies, the University strives to actualize the intended learning outcomes. Additionally, students are encouraged to augment their learning experiences by enrolling in online courses offered by platforms such as MOOCs, NPTEL, and SWAYAM, fostering a more effective learning environment.

File Description	Documents
Upload relevant supporting document	View File

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

In adherence to rigorous evaluation standards, each course within the program is equipped with specific Course Outcomes (COs) and evaluation criteria. These COs are meticulously aligned with the overarching Program Outcomes (POs). The attainment levels of POs, Program-Specific Outcomes (PSOs), and COs are methodically evaluated through student performance in examinations spanning all courses within the program.

The assessment of COs is conducted through a combination of continuous internal evaluation (formative assessment) and end-semester examinations (summative assessment), in accordance with the principles of continuous and comprehensive evaluation. Continuous internal assessment (CIA) and end-semester examinations (ESE) carry weightages of 40% and 60% respectively.

Furthermore, the performance of students in national-level examinations, their placement across various sectors, enrollment in higher education, and involvement in entrepreneurship/start-up initiatives serve as indirect assessment methods for gauging the attainment levels of COs and POs. Stakeholder feedback is also leveraged as an additional indirect assessment tool to measure and evaluate the achievement of COs and POs.

In instances where predefined targets for CO attainment are not met, course coordinators undertake requisite measures for improvement. The attainment of course and program outcomes is computed in adherence to guidelines set forth by regulatory bodies such as the UGC/AICTE, ensuring alignment with established quality standards.

File Description	Documents
Upload relevant supporting document	View File

2.6.3 - Number of students passed during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

https://curaj.ac.in/NAAC_2/AQAR2223/1.4.1.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

Research is an integral part of the academic activity carried out by various departments at the CURaj. The Research and Development (R&D) Cell facilitates research activities including a doctoral research program, sponsored research and consultancy projects, seminars, and conferences. The main objective is to promote quality multidisciplinary applied research in emerging areas of societal and industrial issues through interdepartmental research activities, and inter-institutional collaborations at national and international levels. R&D cell encourage faculty to apply for various funding agencies.

31 faculty members are recognized at national and international level and received fellowship and financial support for their contribution in research. University supports faculty members by providing travel support for participating in national and international conferences and seed money for purchase of small laboratory equipment, to upgrade teaching and research laboratory infrastructure during the assessment period. During the assessment period, a number of faculty members have got academic promotions based on their research strengths.

The University received funding of nearly 662.35 lakhs for research from national and international funding agencies. The University has initiated the Best Researcher and best school awards to promote and enhance quality of research. It even has state-of-the-art research laboratories as well as a Central Instrumental Facility. 06 patents have been filed/awarded by faculty members of the University during the assessment period. The University has signed 08 MoUs with various academic and research institutes for joint research activities and student/faculty exchange.

File Description	Documents
Upload relevant supporting document	View File

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

114.28

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

31

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

89

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.5 - Institution has the following facilities to support research
 Central Instrumentation
 Centre Animal House/Green House Museum
 Media laboratory/Studios Business Lab
 Research/Statistical Databases Moot court
 Theatre Art Gallery

A. Any 4 or more of the above

File Description	Documents
Upload relevant supporting document	View File

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

0

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

1.80

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

662.35

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

26

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

The Central University of Rajasthan has set up Institution's Innovation Council (IIC) under the scheme of the Ministry of Education with the aim of identifying, encouraging, and fostering scientific talent within the University family as well as surrounding areas. University of Rajasthan is playing a vital role by evolving ecosystems and mechanisms to convert young minds into high-quality technical human resources capable of doing cutting-edge research, innovation, and entrepreneurship. The primary mandate is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are on campus. In the academic year 2022-23, University has conducted the various activities to promote the innovation, Startup and Entrepreneurial activities in the campus such as innovative project idea competition on Engineers Day; program on "Entrepreneurs in Action"; workshops on Entrepreneurship Skill, Attitude and Behaviour Development and "Building a Unicorn in Indian Startup Ecosystem"; Distinguished Lecture on "Innovations and Societal Mission Activities around Water"; encourage to submit ideas/innovation/prototype for YUKTI National Innovation Repository. All such activities are conducted to enhance entrepreneurial skills and to promote the innovative and creative thinking capacity of the students. 06 patents have filed/published during the assessment period.

File Description	Documents
Upload relevant supporting document	View File

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

40

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

40

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

27

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)
3. Plagiarism check
4. Research Advisory Committee

A. All of the above

File Description	Documents
Upload relevant supporting document	View File

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards
Commendation and monetary incentive at a University function
Commendation and medal at a University function
Certificate of honor
Announcement in the Newsletter / website

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.3 - Number of Patents published/awarded during the year

3.4.3.1 - Total number of Patents published/awarded year wise during the year

6

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

30

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

609

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

198

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

D. Any 2 of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
2603	1803

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	No File Uploaded

3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science - h-Index of the University

Scopus	Web of Science
23	18

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

The Central University of Rajasthan has a Research and Consultancy policy. The policy on consultancy lays out the definition, scope, and nature of consultancy activities that the faculty of the University may engage in. It provides guidelines for accepting consultancy assignments, terms & conditions, and modalities for revenue sharing. Consultancy policy provides an important and effective means for the University to share its resources and expertise with the government, industry, and the social sector. The consultancy policy mobilizes experts and state-of-the-art testing and analytical instrumental facilities available across all Departments/Schools to extend to the stakeholders. This not only enables the faculty to upgrade their knowledge but also provides wider acceptance for their expertise in the field. University encourage and facilitate their faculty members to engage themselves in consultancy services which help in establishing long term linkages with industry, organization and social sector. The University has generated 102.94 Lakh in revenue from consultancy during 2022-2023. As per the University policy, 60% of the net consultancy amount is shared with the faculty, and the remaining 40% with the university.

File Description	Documents
Upload relevant supporting document	View File

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

102.94

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

The Community Development Cell (CDC) of the Central University of Rajasthan was established in April 2015. University has adopted villages in the nearby area to conduct various community-based activities for overall holistic development. The Department of Social Work has been instrumental in taking up the initiative and has played a leadership role in extension activities in the neighborhood community. The Community Development Cell has been working to alleviate the prevailing social problems of rural residents with promotion of education and development through different interventional strategies. Through these activities, University is trying to bring significant changes in the social life of rural people by focusing on various aspects such as health and sanitation, women empowerment, youth development, and education. Some departments of the University are working with community to raise awareness about environmental pollution and setting up field-based experiment to find the possible solutions through research projects with collaborative institutes. Besides this, University also organized various activities for protection of environment such as cleanliness drive, plantations, ban on

single-use plastic with support of villagers. NSS cell is actively involved to conduct various extension activities.

File Description	Documents
Upload relevant supporting document	View File

3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

22

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

947

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

137

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

Central University of Rajasthan has state-of-the-art physical infrastructure facilities for enabling effective teaching and learning process for faculty and students. University constantly upgrades its infrastructure with recent trends in educational infrastructure prevailing needs and norms of statutory bodies such as UGC/ AICTE and PCI.

The University has 518 acres of land with a lush green campus, with a built-up area of about 1.44 lakh sq. meters. The academic buildings are well-equipped ICT-enabled seminar halls, 14 smart classrooms developed by DLTSC, laboratories, library, etc. The University campus is entirely Wi-Fi enabled with one GBPS connectivity. The University has eight hostels with around 2,850 students' capacity. Girl's hostels have individual mess facilities and boys' hostels have a common mega mess facility for 500 students' capacity. One University level auditorium and three seminar halls with state-of-the-art facilities to carry out curricular and extracurricular activities. University has 120 staff quarters, one health centre, sports & gym facilities.

The University has 92 laboratories including programme research labs, faculty projects labs, and computer labs at the departmental level. Some of the notable labs are Cell Culture Lab, Coordination and Bioinorganic Lab, Nano Research Laboratory, and Infectious Disease Research Laboratory. Other notable labs are Media Lab of Culture and Media Studies and electronics lab having 3-D printing facility in School of Engineering. A state-of-the-art Central Instrument Facility (CIF) with 1,560 sq. m. area caters to the needs of CURaj fraternity, the instrument analysis facilities will be extended to academicians and researchers of other institutions & industries.

File Description	Documents
Upload relevant supporting document	View File

4.1.2 - The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

The University has a 1500-capacity auditorium with adequate lighting and LED display screens, a projector system, and standing air conditioner facilities and is located in SP-2 Building. The auditorium holds cultural and academic events such as local festival celebrations, painting competitions, music and dance, exhibitions and workshops, debates and speeches, etc. from time to time. The University has dedicated space near administrative and academic buildings for Republic-day and Independence-day Celebration including a parade activity zone.

The newly constructed building for the Department of Yoga having a built-up area of 1600 sq. meters, has all the facilities for yoga activities. This building has 625 sq. m. hall dedicated to Yoga activities. University

has a gym facility for both boys and girls. Open gym is available for the use of students and faculty members.

The outdoor games and sports facility includes a football field (6,000 sq.m.), a cricket field (16,900 sq.m.) along with cricket practice pitches. a 400-meter athletic track with Bitumen layer, Synthetic basketball court (nos. two), handball court (800 sq.m.), Turf/clay volleyball court (nos. four), Synthetic Lawn-Tennis Court (nos. two), turf badminton court (nos.2), long jump and triple jump pit, boxing arena, etc. Indoor games and sports facility includes Fitness centre, badminton court, Boxing Ring. Most hostels have dedicated activity room which contains chess, table tennis, carrom boards and kabaddi mats. Flood lights are installed at the tennis, volleyball, and badminton courts to facilitate game activities during the night. On average 500 students use sports facilities daily.

File Description	Documents
Upload relevant supporting document	View File

4.1.3 - Availability of general campus facilities and overall ambience

The University has 518 acres in area and presently houses around 2,500 students. The built-up area includes eight hostels, eight academic buildings, library, an auditorium, nursery, mega mess, yoga hall, etc. To cater to this fully residential campus, University has the following general campus facilities such as:

1. Guest House and Transit Accommodation with a capacity of 70 guest rooms.
2. Health Center with 24x7 ambulance facility
3. Shopping Plaza: shops and canteen facility
4. STP
5. Water Tanks
6. Daycare Center
7. Women Rest Rooms
8. Electric Sub-stations
9. Bank and Post Office

The campus has 24-hour CCTV surveillance and 24-hour security system is maintained by well-trained security staff. Fire extinguisher systems are installed in almost all buildings. Most buildings have solar rooftop systems which have grid connectivity. University has recently signed MOU with NHPC national hydroelectric power corporation for the development of a photovoltaic solar park of 700 kW to supply power to the University and into the national electricity grid. The University provides a conducive environment for learning to differently-abled persons. All the buildings have primary facilities in the form of ramps, toilet facilities, etc. Special care is taken for visually impaired students by providing necessary software and hardware support. A dedicated water supply from Bisalpur dam caters to the need of portable drinking water and other domestic needs.

The campus peripheral road is lined with hundreds of indigenous trees and flowering trees to increase the green cover and per capita green area availability of the University.

File Description	Documents
Upload relevant supporting document	View File

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR

in Lakhs)

2110.28

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

Infrastructures

The Library has full air conditioning, and CC TV and Wi-Fi are enabled. It has a well-established cyber library (or E-resources Lab) with 15 networked PCs connected through LAN, allowing users to access the Library's digital and other internet resources. The Library website is accessible 24/7 and provides information about all its collections, general rules, and services. The Library has an extensive reading hall with a capacity of up to 450+ users.

Digitization, Membership or Associations

The Library is a member of the INFLIBNET e-ShodhSindhu consortium and has access to various electronic resources. The Library regularly contributes to ETDs at the ShodhGanga Repository. As of March 2023, 200 full-text theses have been uploaded to the Shodhganga portal. Besides, the Library has an annual membership to the DELNET and access to more than three crore cataloguing records of books and journals, full-text databases, and Inter-Library Loan (ILL) and Document Delivery services. The University Library is also a registered member of the National Digital Library of India (NDLI) and the SWYAM-NPTEL local chapter.

Apart from the digital resources, the Library also has a subscription to Grammarly - a digital writing assistant tool, and Turnitin- a plagiarism prevention tool for research support. The Library has created an IRINS system for CURAJ faculty and other academic staff members to visualize their research and expertise. The Library is in the process of building an Institutional Digital Repository and a Remote Access service to provide off-campus access to the Library's subscribed e-resources.

File Description	Documents
Upload relevant supporting document	View File

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e - journals e-books e-ShodhSindhu Shodhganga Databases

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

148.60

File Description	Documents
------------------	-----------

Upload the data template	View File
Upload relevant supporting document	View File

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

1545.90

File Description	Documents
Upload relevant supporting document	View File

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

84

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

University has appropriate IT Policy and update its IT facilities including wifi Facilities. ICT section looks after the campus network with 1Gbps high speed NKN dedicated link to get Internet facility from NIC-Jaipur. Presently 3000 approx. LAN points are available in campus and Wi-Fi services on OPEX model are also available in the campus. All important information is put on university website and ICT supported facilities are also maintained for students and staff viz. Wi-Fi, E-mail IDs, Biometric-Attendance System, online video conferencing system, student feedback, IP PBX, Alumni & Grievance portal etc. Servers are also maintained for smooth functioning of IT services in the University. All facilities and services are managed under supervision of Steering Committee for ICT.

Maintenance Contracts: For the repairs and maintenance of Laptops, Desktops, Server, Printers & Projectors, Comprehensive Annual Maintenance Contract (CAMC) is in place and Wi-Fi services on OPEX model in the university campus is also maintained by Service Provider under supervision of IT section.

University official website www.curaj.ac.in contains all the important information of the university and also related to Admissions, Recruitment, Courses, Infrastructure, Administration and Faculties are available on the website. Website has a Landing page to send any query related to admission, examination, courses etc. The information of School/departments is also available on the university website.

CCTV Cameras: The campus-wide CCTV cameras are being maintained and any technical support regarding the repair and maintenance of cameras is being provided to the concerned section.

File Description	Documents
Upload relevant supporting document	View File

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
--------------------	---

2582	683
------	-----

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)	• ≥ 1 GBPS
---	-----------------

File Description	Documents
Upload relevant supporting document	View File

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing	A. All of the above
--	---------------------

File Description	Documents
Upload relevant supporting document	View File
Upload the data template	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

3176.13

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

ICT Section manages both wired and wireless network installed in different building in the university. 1Gbps of NKN dedicated lease line to avail internet facility is provided by NIC Jaipur.

Presently 3000 approx. LAN points are made available on campus and Wi-Fi services on OPEX model are also available on campus. ICT supported facilities are maintained for students and staff viz. Wi-Fi, ID cards, E-mail IDs, Biometric Attendance System, online video conferencing system, Google meet, student feedback, IP PBX, Alumni & Grievance portal etc. All facilities and services are managed under the supervision of the Steering Committee for ICT Cell.

Maintenance Contracts: For the repairs and maintenance of Laptops, Desktops, Server, Printers & Projectors, Comprehensive Annual Maintenance Contract (CAMC) is in place and Wi-Fi services on OPEX model in the university campus is also maintained by Service Provider under the supervision of IT section.

CCTV Cameras: The campus-wide CCTV cameras are being maintained and any technical support regarding the repair and maintenance of cameras is being provided to the concerned section.

File Description	Documents
Upload relevant supporting document	View File

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

761

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

153

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

• All of the above

File Description	Documents
Upload relevant supporting document	View File

5.2 - Student Progression

5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

199

File Description	Documents
------------------	-----------

Upload the data template	View File
Upload relevant supporting document	View File

5.2.2 - Total number of placement of outgoing students during the year

151

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

125

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter -university/state/national/international events (award for a team event should be counted as one) during the year

4

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

In the University there are 20 in Students' Council through Direct Election by contesting election amongst respective Departments as defined in Central University Act, 2009. And 20 Students in Students' Council are to be nominated by the Academic Council. The Procedure for Students Nomination through Academic Council is as follows: 04 Students will be nominated on the basis of academic merits from Five Year Integrated M.Sc. Programme, and 10 Students will be nominated on the basis of academic merits from Different Schools. One Student will be nominated by NSS Cell. 02 Students will be nominated by the Convener, Games and Sport Committee. 02 students will be nominated by the Chairperson, Cultural Committee. One Student will be nominated from International Students by the Director, International Affairs. The Students Council members are found active for institutional development and students' welfare activities. Students are also engaged proactively in the functioning Mess Committee. Student's council members are also actively involved in management of various nationally important days, sports, and cultural events.

File Description	Documents
Upload relevant supporting document	View File

5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services during the year

The Alumni Association of Central University of Rajasthan was established in the year 2012, under the Societies Registration Act, 1960. The first meeting of 'CURaj Alumni Society' was held on 01 September 2012. The CURaj Alumni Society is a vibrant society, functioning under the Dean Student's Welfare. Every Year 'Alumni Meet' happened prior to the Convocation Ceremony. Around 5500 alumni (500 in the year 2022-2023) are active on the alumni network portal facilitated through <https://www.almashines.com/curaj>. Department-wise Alumni Data and Departmental Alumni activities can be seen on the University website. An Alumni Corpus Fund is also available with the Alumni Society, through which different academic activities are also get executed to connect the Alumni of the University as a community. To make a platform wherein different ideas, thoughts, and scientific knowledge can be exchanged along with different opportunities such as fellowship, resources, and employment opportunities to serve the academic fraternity in general and CURaj in particular.

To serve the research needs of the nation in the light of contemporary challenges faced by the society. In order to achieve the above aims, various activities and programs will be planned in tuned with the University Academic Calendar to explore avenues and aid the University both financially (including grants, donations, loan and other such means) and through the experience, expertise and support of the alumnus. To hold meetings/conferences/ lectures of national and international standard. To formulate and fund research programs.

File Description	Documents
Upload relevant supporting document	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

A. \geq 5Lakhs

File Description	Documents
Upload relevant supporting document	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

The vision of the Central University of Rajasthan is:

"Sustainable Development through Excellence in Education, Innovation, and Performative Societal Change"

The mission of the University is -

To create and sustain an inclusive environment that inspires students to undertake an intellectually challenging, socially engaging, and transformative learning experience.

To develop an ecosystem for research and innovation wherein individual potential can be harnessed to provide sustainable solutions for global concerns.

To impart value-based holistic education and develop resilient and skilled human resources that contribute to nation-building.

The University is committed to the augmentation of its academic programs in alignment with its vision and mission.

The following endeavours of the University confirm it.

- Hiring faculty members who are highly skilled, competitive, and innovative and who will genuinely and honestly contribute towards the vision/mission of the University.
- Imparting dynamic curricula that give students knowledge, skill values, creativity, and actions to become students socially responsible global citizens and create a sustainable world.
- Effective use of ICT in the teaching-learning process for scholarly communication thus enhancing the scope of education and enabling students to critically think and solve simulated real-world problems.

File Description	Documents
Upload relevant supporting document	View File

6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

The University follows a hierarchy system with numerous statutory bodies, including the University Court, Executive Council, Academic Council, Finance Committee, Planning Committee, Deans Committee, School Boards, and Boards of Studies. These bodies have representatives from the faculty, students, alumni, distinguished academicians/ experts/ administrators/ industrialists, government, funding agencies, and society at large.

The Vice-Chancellor leads the University, supported by various departments like the Registrar, Finance Officer, Controller of Examination, Dean Academics, Dean Research, and Dean Students Welfare.

The Director of IQAC helps the VC in the promotion and maintenance of quality in the academic and administrative affairs of the University.

The Controller of Examination (CoE) looks after all the issues related to students about examination and evaluation

The Finance Officer takes care of all the financial issues and acts as an advisor on financial matters.

The Dean represents the School along with Heads of the Departments and faculty members towards the promotion of teaching and learning activities.

File Description	Documents
Upload relevant supporting document	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The strategic development and planning of the University have adapted teaching and research-centric approaches into various programmes that are of the highest quality as mandated given through the Act.

The University has numerous educational Departments and programmes with an emphasis on studies and research. The excellence of this is visible through outcomes from quality programmes and publications.

The University has also introduced "Research and Innovation grants" to inspire and encourage students to do societal-based modern research.

e-Learning is encouraged by providing unhindered high-speed internet access on the campus.

The University additionally improved academia-industry linkages by entering into multiple MoUs.

The University has introduced Skill Development in socially relevant sectors through Vocational Studies

The University regularly monitors the annual growth required in the number of faculty members staff members, and physical and laboratory infrastructure. Thus, with a clear vision the University will extend various resources necessary for its growth plan to ensure the successful attainment of the objectives.

File Description	Documents
Upload relevant supporting document	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The Central University Act has provisions for an Executive Council, Academic Council, Planning Board, Finance Committee, Building Committee, School Boards, Board of Studies, Research Committee, and Departmental Advisory Committee for good governance in the University functioning. The roles of all these bodies/ authorities are defined in Statutes and Ordinances. All these bodies play vital roles as per their mandate contributing to effective governance, planned growth, and development of the University. The Executive Council is the highest body in the University governance system, which undertakes the following activities:

Preparation of Annual Report reflecting the performance of the University for every financial year, reviewing the educational programmes, organizing the education structure including value-oriented education, and developing new teaching-learning processes. The council also supervises the preparation of a perspective/ strategic plan for the development of the University.

Prepares cadre recruitment rules including promotional avenues and adopts service conditions for teaching/non-teaching staff as per UGC.

Prepares proposal for creating Teaching/non-teaching positions.

Investigates administrative activities, recruitment of teaching/nonteaching employees, maintenance of discipline, and compliance with rules and regulations toward good governance.

Proposals/ recommendations of the Academic Council.

File Description	Documents
Upload relevant supporting document	View File

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

The University is governed by the Act and has provisions for enclosing Statutes and Ordinances for the recruitment and service conditions of its employees.

As per the provisions of UGC guidelines, a Performance Based Appraisal System (PBAS) has been followed in which, a faculty member is to submit his/ her self-appraisal in a prescribed format to the IQAC cell via the Head of Department and Dean of School.

The IQAC maintains the records of the PBAS and after verification of the declaration of performances/ achievements forwards it to the Registrar, after verification of service records from the establishment sections the same is forwarded to the VC for consideration and approval.

Those PBASs of faculty members also are taken into reckoning while considering the applications for their stage performance under CAS of UGC. In this regard, the university has promoted 72 faculty members through CAS promotion.

University has a system of rewarding the satisfactory performing non-teaching employees from multi-tasking service (MTS stage to institution B officials for better overall performance in a given 12 months on the criteria of evaluation by way of a designated committee taking the grades of the APARs into the reckoning. Further, employees also are endorsed via "Letters of Appreciation" for their achievements. The university has promoted 9 non-teaching employees via the DPC scheme.

File Description	Documents
Upload relevant supporting document	View File

6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

31

File Description	Documents
------------------	-----------

Upload the data template	View File
Upload relevant supporting document	View File

6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

6

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

64

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The primary source of the University funds is Grants-in-Aid approved and sanctioned by the UGC/ MoE. The grants are received under three distinct heads of account: Grants-in-Aid General (Salary), Grants-inAid General (Recurring), and Grants-in-Aid (Creation of Capital Assets).

To facilitate the sanction of grants by UGC/MoE, the University prepares its annual budget keeping in mind the genuine requirements to facilitate appropriate teaching-learning practices/research, innovation by teachers, and holistic development of students.

The budget is approved by the statutory committees (Finance Committee and Executive Council) based on which proposal is submitted to UGC/MoE showing the requirement of funds under each head, viz. Salary, Recurring, and Capital Assets and for sanction of the respective allocation accordingly.

The recurring expenses include TA/ remuneration of the external experts, examination expenses, financial support to the students to carry out research and Innovation activities, professional development and Lab-Running expenses for the teachers organizing Seminar/Workshop/Symposium, Travel Grant for the teachers to attend Seminars, students placement-activities, training of staff, day-today operational administrative expenses, maintenance of fixed assets, social service through NSS/NCC, campus maintenance, etc.

File Description	Documents
Upload relevant supporting document	View File

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

9869.86

File Description	Documents
------------------	-----------

Upload the data template	View File
Upload relevant supporting document	View File

6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

0

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

6.4.4 - Institution conducts internal and external financial audits regularly

For conducting an internal audit of the university, UGC has sanctioned a post of Internal Audit Officer to be appointed on deputation. No other post has been sanctioned for the purpose. Despite repeated advertisements, the university could not fill up the post owing to the non-availability of suitable candidates. Thus, to overcome this situation, it has appointed a contract candidate as Internal Audit Officer on an officiating basis to look after the internal audit, with special emphasis on inspection of the books of account before submission of the Utilization Certificate to the funding authority.

The Annual Accounts audited and the Balance Sheet of the University is to be prepared under the directions of the Finance Officer and be audited by the Comptroller & Audit General of India or its representatives. By this mandate, the Annual Accounts of the University is prepared and approved by the Executive Council, and such approved accounts are submitted to the Director General of Audit (Central), Jaipur for conducting the audit.

File Description	Documents
Upload relevant supporting document	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

The IQAC makes consistent efforts to institutionalize superior assurance strategies and processes through deliberations at various levels, minutes of which are circulated among stakeholders and made available publicly on the University website. IQAC has been assisting to formulate/ update the procedures and guidelines on various matters including stakeholders' - feedback updating curriculum with the incorporation of course outcomes and program outcomes, promotion/career advancement of faculties, implementation of NAAC Peer-team and the recommendation of the Annual Academic Audit, decentralized planning and implementation of the budget regularization of academic procedures during the COVID pandemic, zero tolerance against non-adherence to ethics and integrity, students' support and governance research innovation ecosystem, and faculty empowerment.

Increase in the usage of ICT tools for teaching and learning

Modification-revision of the courses

Improvement of continuous evaluation

Starting in-house orientation course for newly appointed faculty members
 Faculty empowerment through support for participation in conferences

Need-based-support for Faculties for effective online classes

Increased awareness about quality publications

Extending library access hours

Introduction of IT tools to collect/ analyze and follow-up actions on stakeholders' feedback

Substantial increase in the in-house development of e-contents and LMS,

Increase in e-content development facilities in addition to audio-video recording facilities in Teaching Learning Centre

File Description	Documents
Upload relevant supporting document	View File

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken
 Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

C. Any 3 of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting documnt	View File

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

These have given a remarkable boost to the existing infrastructure of all the laboratories. All the classrooms have been made ICT enabled with 12 smart classrooms. Innovative teaching practices and materials and special capacity-building programs for faculties for effective teaching-learning have been organized by Teaching-Learning Centre. New tools for a blended mode of teaching-learning have been introduced. Consequently, several e-contents are developed by faculties and are available for learners. Outcome-based curriculum framework (COs/ POs) has been introduced with inputs from experts and stakeholders.

The university caters to the effective teaching of science subjects to B.Tech. students, a separate school of Engineering under the School of Biomedical Science has been established.

The University is a beneficiary of the ERP system under the project e-SAMARTH, Govt of India has Implemented many modules for e governance.

Contributing to the development of a template for the Annual Appraisal of the Faculty and containing the communication from the IQAC coordinator to the Registrar on the preparation of the proforma, appraisal Form.

Also, University has established a Digital Assessment Centre for the online Grading and evaluation of Examination copies.

University has also setup two online portals for (i) Information and details related to CURaj Alumni and (ii) Addressing the grievances for all members of CURaj family.

File Description	Documents
Upload relevant supporting document	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

i. Curricular intervention:

Gender studies, such as Gender and Development, Gender Issues, Gender and Question of Honour, Conceptual understanding of gender notions: Patriarchy, Feminism, etc., as a part of the course curriculum across various disciplines.

ii. Co-curricular intervention:

The University has successfully implemented the 'Gender Champion Scheme', a joint initiative of Ministry of Women and Child Development and MHRD.

iii. Facilities for Women (safety):

University has a safe and secure campus with sturdily built-up walled circumference, guarded gates, secured hostel buildings, and proper light arrangements. Girls-hostels have special lady guards.

iv. Medical and Counselling Services

Service of a female nurse is available in the University 24x7 and a dedicated counselor has been appointed for helping the students' issues.

v. Day Care Centre

A daycare center has been set up on the University campus with dedicated and trained staff.

vi. Common Room

An infrastructural arrangement, such as a common room, is available in the main administrative block.

vii. Chairman of Committees and other key positions held by women in the University.

The CURaj standby providing the leadership or chairmanship of women faculties in various institutional committees e.g., Chairman of the Apex Body of SPARSH (ABS), International Student Cell, etc.

File Description	Documents
Upload relevant supporting document	View File
Annual gender sensitization action plan(s)	Nil

Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	Nil
--	-----

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above
--	------------------------------

File Description	Documents
Upload relevant supporting document	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

1. Solid waste management The two-bin system is installed on the campus for collecting degradable and non-biodegradable wastes. Solid wastes are routinely collected and disposed of systematically after proper treatment by an external agency.

2. Liquid waste management

The waste from waterborne toilet systems is collected from all the buildings via an integrated sewerage collection system and sent to the sewage treatment plant situated far away from the human habitations.

3. E-waste management

The E-waste such as Empty toners, cartridges, outdated computers, and electronic items, are collected, stored and disposed of annually or as and when required.

4. Biomedical waste management (BMW)

Biomedical wastes generated from the laboratory are transported to the BWM site situated about 2 km away from human habitation. The waste materials are routinely collected in specified bags or bins, safely carried to the disposal site, and kept in an Underground pit.

5. Waste recycling system/ management

To ensure the proper management of waste recycling on the University campus, the wastes are separated in colour-coded bins into three categories before disposal: i. Organic waste, ii. Dry waste (i.e., plastic, paper, metal, and wood), and iii. Domestic waste (i.e., diapers, napkins, mosquito etc.). These wastes are regularly collected and handed over to external agencies for treatment and recycling.

6. Hazardous chemicals and radioactive waste management

The University does not use any radioactive materials. The hazardous chemicals are collected in a designated cane and handover periodically to the agency for their recycling.

File Description	Documents
Upload relevant supporting document	View File

<p>7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus</p>	<p>A. Any 4 or all of the above</p>
---	-------------------------------------

File Description	Documents
Upload relevant supporting document	View File

7.1.5 - Green campus initiatives include

<p>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</p> <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	<p>A. Any 4 or All of the above</p>
---	-------------------------------------

File Description	Documents
Upload relevant supporting document	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

<p>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	<p>C. Any 2 of the above</p>
---	------------------------------

File Description	Documents
Upload relevant supporting document	View File

<p>7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software,mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.</p>	<p>B. Any 3 of the above</p>
---	------------------------------

File Description	Documents
Upload relevant supporting document	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

The CURaj has established Special Cell for ST/ SC and OBC Cell to cater support and counsel the students belonging to marginalized sections including the Scheduled Castes (SC), Scheduled Tribes (ST), Other Backward Communities (OBCs), and other minority communities.

Counseling

To cope with various personal and psychological problems ranging from basic adjustment and developmental, academic and learning, and career concerns to mental illness, University has appointed an expert as counsellors to engage with the students and provide timely suggestions, advice, and guidance.

Festivals and Celebrations

Since its inception, the CURaj has been promoting brotherhood and solidarity among the students and staff, which is vital to maintain the sovereignty of the land through an active engagement of students and faculty on national integration day. For examples;

1. Celebration of Makarsankranti/ Pongal to signify the diverse culture of Indian states.
2. Ajadi Ka Amrit Mahotsav To commemorate 75 years of Indian independence, the Amrit Mahotsav of India is celebrated across the country. During this festival, a webinar was organized at the CURaj.

Regional and communal socioeconomic diversity

The students' community at the CURaj has representations from almost all the states of India. Apart from that, needy students get financial support through various fellowships from state and union government agencies.

Celebration of youth festival The CURaj celebrates National Youth Festival on January 12, aiming to propagate the concept of national integration, the spirit of communal harmony, brotherhood, courage, and adventure amongst the youth by exhibiting their cultural prowess on a common platform.

File Description	Documents
Upload relevant supporting document	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

Constitutional laws and orientation, awareness about rights, duties, and responsibilities

The University frequently sensitizes its students and employees to the constitutional obligations of citizens' values, rights, duties, and responsibilities, enabling them to conduct themselves as responsible citizen. These elements are taught in the value system of the University community. The University celebrates 'Samvidhan Divas' (Constitution Day on November 26), and students are encouraged to participate in elocution.

Sustainability and environmental awareness

The Institution takes pride in launching the plantation programme wherein the focus does not stop with the sound academic foundation of the student

community. Various Departments and faculties have always organized activities that not only initiate but also motivate the students to adopt multiple practices that promote the "Unity in Diversity" of our motherland. The Green Initiative aims the competitiveness in the environmental space to allow the ability to go neutral on Greenhouse Gas emissions. The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people.

Centre for social action

CURaj has introduced a new interdisciplinary Academic Department, the Department of Society-Technology Interface (DSTI), to cultivate research and teaching to the post-graduate and research programme to the students from diverse educational backgrounds by linking two advanced streams of knowledge- Science and Technology and Social Sciences to look for better career opportunities and stay competitive.

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized

All of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The CURaj celebrates following national commemorative days yearly in full patriotic fervor to mark the dedication toward the motherland and foster national integration.

1. Independence Day:
2. Republic Day:
3. Gandhi Jayanti:
4. National Unity Day:
5. Engineer's Day: The day is celebrated on 15th September 2022
6. Shaheed Udham Singh Jayanti: On 26th December 2022,
7. Guru Gobind Singh Jayanti: On 29th December 2022,

Celebration of State Commemorative Day

1. Foundation Day of the Central University of Rajasthan: on 3rd March 2023.
2. Ambedkar Jayanti: On 14 April 2023,
3. National Science Day: on 28 February.
4. International Yoga Day: is celebrated every year on June 21.
5. Convocation: The Central University of Rajasthan conducted its seventh convocation ceremony at campus on 16th August 2022. The event was graced with the presence of Hon'ble Speaker of Lok Sabha Shri Om Birla.
6. Srijan: Three-day Sports and Cultural Meet- Srijan 2022 was initiated for the first time and was held from 16th to 18th November 2022 at

CURaj to create an environment for sports & cultural activities.

7. International Women's Day on March 08
8. World Environment Day on June 05
9. National Youth Day on January 12
10. Martyrs Day (Shahid Divas) on January 30
11. Teachers Day on September 05
12. Hindi Diwas on 14th September
13. Samvidhan Diwas (Constitution Day) on 26th November

File Description	Documents
Upload relevant supporting document	View File

7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

Building a fundamental and applied scientific research and innovation ecosystem add social values to the academic institution. The meticulous integration of research and innovation with academics brings true meaning of higher education. The CURaj has been striving to put maximum effort in mobilising the research and innovation to solve basic as well as applied problems through systematic scientific inquiry and creative innovations.

A Central Instrumentation Facility is being established at the CURaj, which will house a wide range of high-end instruments for pushing the boundaries of research in science and technology and will facilitate cutting-edge research in frontier areas and encourage development of inter-disciplinary research for significant applications. It will open numerous windows of opportunities for research collaborations with other institutes, as well as for conducting in-house seminars, workshops, and training programs to create skilled technicians. Thus, besides being a high-quality center for research and analysis, we envisage a future wherein the facility will also act as a source of new employment opportunities and economic activity.

Being situated in Rajasthan, the climate in the University generally used to be arid or semi-arid and features fairly hot temperatures over the year with extreme temperatures in both summer and winter.

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

The implementation of socially relevant scientific research is more critical today than ever. The CURaj aims to intensify its focus on addressal of social problems through an integrated scientific approach. The faculty members have actively been engaged in undertaking socially relevant real-world research problems such as waste water management, desert soilification, climate change, ewaste, etc. Here are the few research projects initiated on campus. Being situated in Rajasthan, which is supplied with low water availability, wastewater treatment and recycling is a real challenge. The CURaj is commencing a pilot project named "Srujan Sahkar Farming," which is a form of cooperative farming, to build a mutual trust, cooperation, and solidarity between the University and the community. In the first phase, the project centers on using 21 acres of University land in partnership with 21 women from nearby villages. Desertification is a significant problem that is spreading from the desert regions to most of the fertile lands, converting them into deserts that would reduce the agricultural land. The Department of Environmental Sciences faculty members are working on remote sensing for

detecting and monitoring the physical characteristics of wetlands, forests, and deserts in Rajasthan.

7.3.2 - Plan of action for the next academic year

To fulfil its Social Obligations, in the manner of providing formal & informal education, dissemination of Knowledge, organizing programmes and activities for the benefit of the Community and Other Stakeholders; Conducting activities to hone the creative skills of students and provide a platform to display their creativity The institution plans to focus more on research and Development in the next Academic year by increasing the publications of faculty and also motivating students community to write research papers. To Implement suggestions made in the Academic Audit Report by the Audit Team the University Recommendations made by the NAAC ReAccreditation Committee, during the third cycle of NAAC To Implement the recommendations made by Audit Team which conducted Green Audit & Energy Audit, carried out by the Institution To provide space for and make available Canteen Facility and Canteen Page 68/69 15-04-2023 03:33:50 Annual Quality Assurance Report of Central University of Rajasthan Kiosk, for Students & Staff Member To automate various Office Administration Processes To support various Staff Benefit and Welfare measures To Introduce Job-oriented and Skill based courses; To initiate more scholarships to reward the students for various achievements.