



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution

JAIPUR ENGINEERING COLLEGE AND
RESEARCH CENTRE

- Name of the Head of the institution Prof Vinay Kumar Chandna
- Designation Principal
- Does the institution function from its own campus? Yes
- Phone no./Alternate phone no. 01412770120
- Mobile No: 9891406784
- Registered e-mail principal@jecrcmail.com
- Alternate e-mail principal@jecrc.ac.in
- Address Jaipur Engineering College and research centre , JECRC Campus, Shri Ram Ki Nangal, Via- Sitapura RIICO, Tonk Road, Jaipur -302022
- City/Town Jaipur
- State/UT Rajasthan
- Pin Code 302022

2.Institutional status

- Affiliated / Constitution Colleges Rajasthan Technical University, Kota
- Type of Institution Co-education

- Location **Rural**
- Financial Status **Self-financing**
- Name of the Affiliating University **Rajasthan Technical University, Kota**
- Name of the IQAC Coordinator **Dr Mahendra Pratap Singh**
- Phone No. **01412770120**
- Alternate phone No. **01412770803**
- Mobile **9414203639**
- IQAC e-mail address **iqac@jecrc.ac.in**
- Alternate e-mail address **mpsingh.me.ac.in**

3. Website address (Web link of the AQAR (Previous Academic Year))

<https://jecrcfoundation.com/agar/>

4. Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

[https://jecrcfoundation.com/jf-data/AQAR2023-24/1.1.2%20Academic%20Calendar%20\(1\).pdf](https://jecrcfoundation.com/jf-data/AQAR2023-24/1.1.2%20Academic%20Calendar%20(1).pdf)

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.64	2021	21/12/2021	20/12/2026

6. Date of Establishment of IQAC

15/05/2019

7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
ECE and ME	Jaipur Rural Area	DST	1 Year	26.84 Lakh

8. Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC [View File](#)

9. No. of IQAC meetings held during the year **5**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**
- If No, please upload the minutes of the meeting(s) 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**

- If yes, mention the amount

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

1. Seminars/ Workshops/ Training etc. to promote quality education in different departments.
2. Skills development programs are introduced for students in cutting edge technology.
3. Feedback of stakeholders is Collected, analyzed and action taken report is submitted to the concerned for necessary action there by positive impact is seen at various levels that enhanced the overall outcome.
4. External and Internal Academic audit are implemented.
5. Collaboration, Innovation activities, Awareness programs and outreach activities are organized at various levels.

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
1.Enhancing the industry institute relationship.	1.Expert talk, seminar, alumni talk and industry visit are conducted for industry institute relationship.
2.Emphasize on innovation and Start-up.	2.Collaboration activities and Startup have been increased from the previous year.
3. Faculty Development Program and Patent.	3.Faculty Development Program and Patent Published have been increased from previous year.
4.Various accreditation.	4.Departments are in process for NBA Accreditation.
5. Extension activities and add on courses.	5.Extension activities and add on courses have been increased from the previous year.

13.Whether the AQAR was placed before statutory body? Yes

- Name of the statutory body

Name	Date of meeting(s)
NSERD	11/12/2023

14.Whether institutional data submitted to AISHE

Part A

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• Designation	Principal
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NSERD	11/12/2023
14.Whether institutional data submitted to AISHE	
Year	Date of Submission
2023-24	12/02/2024
15.Multidisciplinary / interdisciplinary	
<p>JECRC is a self-financing college, affiliated with Rajasthan Technical University (RTU) is currently offering UG engineering programs in eight specializations and is proud to distinguish itself as an academic teaching institution that delivers a quality interdisciplinary & multidisciplinary education following the curriculum framework by the RTU and as per the feedback received from various stakeholders. College has taken initiative to start new courses in the area of BCA and</p>	

MCA. Add on courses to all the students including civil, mechanical, electronics etc are in the area of Aptitude, Fundamental of computer, Object oriented programming, Data structure and Algorithm are the good examples of interdisciplinary courses for core branches.. To fulfill the multidisciplinary aspiration of NEP 2020, RTU offers open electives and professional electives, few courses on law, disaster management, geography, physical education, finance, human values, and soft skills. The faculty of the institution has the ability and enhances their knowledge to teach inter and multi-disciplinary subjects to the students. Credit Based system is followed based on the structure defined by the RTU. Institute encourages the students to do add-on courses through Swayam and through industry-institution partnerships in the area of Robotics, Embedded systems, Mechatronics, mini projects through project-based learning along with other skills based on the job learning viz. photography, classical/western dance, music, singing, portrait making, craft design, poetry, and social initiative viz. teaching under privilege students, registered as single donor platelets (SDPs), performing nukkad natak on social cause at appropriate locations in Jaipur that help them to carry these skills along with technical skills and also choose their carrier in the related areas. Internal Hackathons and competitive Hackathons are the culture of the institute where through well-defined incubation process students are managed to initiate their startups and generate funding for the same. Institute incubation policy also provides them with seed funding for startups. Encouraging publishing patents is also one of the areas where the institute provide full consultancy and patent application charges to the students and faculty members.

16.Academic bank of credits (ABC):

The Institute follows the choice based credit system defined by the affiliating university. CBCS was implemented from the academic year 2016-17 including professional and open elective courses in the curriculum to facilitate the multidisciplinary approach for engineering problem-solving. The Institute is already in the process of encouraging the students to take up SWAYAM / NPTEL MOOCs courses, offered by premier institutions of the country to enhance their technical skills. The affiliating university is also encourages the students to earn extra 20 credits through MOOCs courses that is desirable for honours degree, out of these 20 credits students need to achieve 10 credits from the courses in management, humanities, sciences and other non-engineering fields. As per AICTE initiatives ABC

id activity is carried out.

17.Skill development:

In view of the fast-changing technological developments, the students, faculty, and staff need reskilling, the institute believes that the skills like creative/critical thinking, problemsolving ability etc. are going to be the challenges of future years. To strengthen the technical skills and soft skills of students, various add-on courses are added in the academic calendar of all the semesters. The institute has numerous functional MOU's with various companies, professional bodies, and organizations to develop the skills to fill the gaps between the industry and academia. Various functional technical clubs of the college are providing regular trainings and opportunities to work on live projects in the emerging areas such as robotic process automation, digital marketing, automotive automation, solar energy, e-vehicles, embedded systems, robotics ,Makers space,CADD centre, Xananoids, 3D printing ,IOT ,Siemens etc. A DST sponsored spiritual research center is also working in the institute to inculcate the moral values, ethics and teach students to live healthy life style. Also for skill enhancement the following facilities are available are Google cloud, Celonis, Infosys campus connect,upflairs, Enigma,face and footlight,Atrangi,Fotografreaks,Khalas, ADAA, J SID, Moonriders, Brain Zest ,Theos, IT Club. Value based education that comprises Universal Human Values (a curriculum in RTU) where more than 70% faculty members have also taken certificate of UHV through AICTE and dharma, shanti, prem, ahinsa, scientific temper, citizenship values and life skills are provided to the students through well defined structure of 30-40 Hrs in a semester is provided through Rajayoga Thought Laboratory (an initiative with the help of Bhrama Kumaries), Centre of excellence by Department of Science and Technology Delhi and approved by Rajasthan Technical University, is provided to all the students and also other stakeholders other than JECRC at large scale. Skill based on the job learning viz. photography, classical / western dance, music,singing, portrait making, craft design, poetry and social initiative viz. teaching under privilege students, registered as single donor platelets (SDPs), performing nukkad natak on social cause at appropriate locations in Jaipur that helps them to carry these skills along with technical skills and also choose their carrier in the related areas. Internal Hackathons and competitive Hackathons are the culture of the institute where through well defined incubation process students are managed to initiate their startups and generate funding for

the same. Institute incubation policy also provides them seed funding for startups. Encouraging publishing patents is also one of the area where institute provide full consultancy and patent application charges to the students and faculty members.

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

Indian language skills, ancient culture, arts and traditions are embedded into the system through various cultural clubs where in these areas students take active participation at regional and national level. The institute offers admission through centralized counseling system of Rajasthan Technical University where 85 % students take admission from various remote locations of Rajasthan and to promote equality 15 days induction program as per AICTE is delivered and faculty members are also providing knowledge to students in mixed mode during delivery in the class. Though the institute is affiliated to RTU and adheres to the curriculum and delivery module provided by the university, where participation of various cultural clubs becomes important to inculcate the Indian Culture and connect with the society through activities at large as mentioned above. Regular workshops, Ted Talks, invited speakers in the related area from Arts and Music etc. are organized throughout the year for the students to understand the culture and traditions of India and Rajasthan specifically. Cultural clubs viz Atrangi club includes poetry competition, poster competition, storytelling, Kathak dance, music orchestra club etc. Khalas club includes Bhangda dance, Enigma club includes contemporary dance, literary club includes short Play, Graffiti, Poem, modern art, Adaa club for fashion freaks, Fotografreaks club includes Photography club, and dramatic club named Face n Footlight etc.

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

All the eight programs are delivering through OBE process as defined by National Board of Accreditation (NBA) . All the programs are in the process of applying accreditation. Through the process of OBE the best practice is to identify the slow learner and advance learner. Slow learners are mentored and encouraged through various means and advanced learners are motivated to take more advantages of institute run policies in the area of innovation and incubation. Further, the institute is having its two programs (Mechanical Engineering and Electronics & Communication Engineering) are NBA accredited and all other programs practices the similar OBE process as practiced by these two accredited programs. The OBE process (SAR) of all the

programs is also uploaded on the institute website for your ready reference. That explains the whole process of assessment and practices w.r.t. OBE Institute follows the process of OBE as defined by NBA and adheres to the NBA norms to prepare the Program Educational Outcomes (PEO's), Program Specific Outcomes (PSO's) and Course Outcomes (CO's). We disseminate PO's, PSO's, PEO's, and CO's at our institutional website and also in the prominent places of all UG departments. Faculty members assess the performance of students as per OBE attainment process. The attainment for each course outcome is generally divided into two types: 1. Direct assessment method 2. Indirect assessment method. The direct assessment is measured from internal assessment and external assessment examination. The internal assessment for each course is based on the student's knowledge and skill, student's academic performance in continuous internal assessment tests, seminars, classroom and laboratory assignments, semester examinations, etc. This method displays strong evidence for student's learning. The Indirect assessment is measured through course end survey. The process used for setting course attainment benchmark values are :- Cos and POs are evaluated against pre-defined targets and gaps are filled through various curricular / non-curricular activities. the course-wise university grades for previous years are analyzed, the course proficiency and the level of attainment are set by the course coordinator, - the appropriate course target level for the entire programme is set in the IQAC meeting, - the set attainment level are revised through IQAC at regular intervals. Indirect assessment is done through the programme exit survey. More than 48000 feedbacks are taken on OBE and action taken on the feedback reflects the implementation of OBE across all sections.

20.Distance education/online education:

JECRC is a self-financing institute and is affiliated to RTU, and students are encouraged to earn credits through online mode through NPTEL / Swayam portal. The credit earned by the students are communicated to RTU for necessary action. Institute encourages faculty members to adopt pedagogical methodologies, apart from chalk & talk and regular teaching methods, the online teaching methodologies are given equal importance. Some of the methodologies are: - Faculty development program in association with NITTTR Chandigarh. - Faculty development in the area of Universal Human Values in association with AICTE. - Virtual laboratory for students in association with IIT Delhi. - Student and faculty online mentoring sessions in the area of time management / leadership qualities / meditation etc.

through unique initiative "Rajyoga Thought Laboratory" in association with Bhrama Kumaris. - Online Alumni sessions for students on regular basis in the area of technological developments / path to success / career opportunities etc. -Preparation of students for GATE / CAT etc through online modules provided by MADE Easy an education partner with JECRC. - The institute faculty members prepared the lecture videos of their subjects and uploaded on RTU online platform and institute website. All the lab experiments are converted in a demo video and these are made available to students through institute website. The related material is under the tab "Student Corner" on the institute website. - Faculty members used Microsoft teams and Google classroom extensively to share notes, presentations and student assignments, - The tests and objective exams were conducted using Google forms/classroom, - Group Discussions: This involves discussion among a group of students to assess the application of various concepts to gain a better perspective on the merits & demerits of the concepts, Interactive Seminars: During their presentation skill's hours, each group in a class will prepare a recent research topic and present. More than 4000 students undergo virtual lab training in association with IIT Delhi and 187 faculty members have also utilised virtual lab for the students.

Extended Profile

1.Programme

1.1

8

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student

2.1

3780

Number of students during the year

File Description	Documents
Data Template	View File

2.2

357

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year		
File Description		Documents
Data Template	View File	
2.3 Number of outgoing/ final year students during the year		856
File Description		Documents
Data Template	View File	
3.Academic		
3.1 Number of full time teachers during the year		214
File Description		Documents
Data Template	View File	
3.2 Number of Sanctioned posts during the year		208
File Description		Documents
Data Template	View File	
4.Institution		
4.1 Total number of Classrooms and Seminar halls		65
4.2 Total expenditure excluding salary during the year (INR in lakhs)		1617.4233551
4.3 Total number of computers on campus for academic purposes		804
Part B		
CURRICULAR ASPECTS		

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Looking into global needs & requirements, the curriculum needs to focus on the cutting-edge issues and enrichment of syllabus through various means, thus curriculum planning is carried out before the start of academic semester / year as under:

1. Curriculum by University: - University provides the curriculum for all the programs.

2. Prerequisites: - Before the start of next semester, previous semester theory and experimental knowledge is revised within two weeks.

3. Content beyond Syllabus: - Based on the feedback received from various stakeholders the gaps in the curriculum are identified and delivered.

4. Experiential Learning:- Through add-on courses, technical /non-technical clubs, various activities are planned to provide the opportunity of learning-by-doing.

5. Extra-Curricular Activities: - Extra curricular activities are discussed with departments and advised to plan the same.

6. Financial Planning: - For various planned and unplanned activities, financial planning is carried out and information to various section incharges is provided before the start of academic year.

7. Career and Soft skills: - Planning of career counselling, soft skill training, company specific training etc. is carried out.

8. Planning to incorporate ICT (Information and Communication Technology) enabled Teaching-Learning: - Various platforms viz. Swayam, NPTEL, Swayam Prabha, Video lectures by faculty and other teaching learning material is made available on website for reference by students / faculty members for effective teaching-learning.

9. Planning is also done for sensitization of students and employees of the Institution to Constitutional obligations: values, rights, duties, and responsibilities of citizens.

10. Planning is also done for Tolerance and Harmony towards Cultural, Regional, Linguistic, Communal, Socio economic and other Diversities.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://jecrcfoundation.com/jf-data/AOAR2023-24/1.1.1%20Curriculum%20planning%20(2).pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

1. Jaipur Engineering and Research Centre (JECRC), Jaipur follows the academic calendar as discussed in previous section.

2. As per the tentative academic calendar from the affiliating university and as per the curriculum planning in section

1.1.1 Academic calendar of the institute is prepared and institute adhere to the same and follow-up of the same is carried out by IQAC on regular basis.

3. The planning for Continuous Internal Evaluation (CIE) is provided by IQAC to each department and as per the tentative calendar, two internal examinations and continuous evaluation in laboratory / project work / others is carried out. Based on the same, course outcomes are evaluated on regular basis and slow / fast learners are identified. Various corrective measures are taken for slow learners to improve their performance through continuous evaluation.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://jecrcfoundation.com/jf-data/AOAR2023-24/1.1.2%20Academic%20Calendar%20(1).pdf

<p>1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University</p>	<p>A. All of the above</p>								
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<p>1.2 - Academic Flexibility</p>									
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Minutes of relevant Academic Council/ BOS meetings	View File								
Institutional data in prescribed format (Data Template)	View File								
<p>1.2.2 - Number of Add on /Certificate programs offered during the year</p>									
<p>1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)</p>									
<p>82</p>									

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

2938

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

2938

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	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

1. **Professional Ethics:** Various technical activities, add on courses, invited talks of various leading professional from Industry and institute are introduced to students to make them aware about cross cutting issues and professional ethics.

2. **Gender Equity:** The institute has 22.8% percentage offer female students and 41.12% percentage of female faculty members in the academic year . Female faculty members are encouraged to take leadership position in department and in-charge of various committees. Various committees are made where in only female candidates are members of those committees and department do encourage a group offer male students to participate in various activities where female participation is made mandatory. Gender audit is also conducted by the Institute.

3. **Human Values:** As per AICTE initiative, faculty members at the

Institute have under taken the course of Universal Human Values (UHV) in the academic year and are involved in teaching human values subject as per RTU curriculum.

4.Environment and Sustainability: As per vision of the institute, to empower student's commitment towards social enrichment and sustainability, students are encouraged from second year onwards to be the member of green campus club, technical clubs, non-technical clubs and are encouraged to do hands on experience. Students are also encouraged to provide solution of various challenges which are environmental friendly and sustainable. Some solutions to convert into the start-ups through incubation centre.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

294

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships	
2482	
File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File
1.4 - Feedback System	
1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File
1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
File Description	Documents
Upload any additional information	View File
URL for feedback report	https://jecrcfoundation.com/jf-data/AOAR2023-24/Feedback%20Form%20and%20Action%20Taken.pdf
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	

2.1.1 - Enrolment Number Number of students admitted during the year**2.1.1.1 - Number of sanctioned seats during the year**

990

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

357

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

1. Slow learners and advanced learners are identified based on course outcome assessment. Each and every subject is defined by its course outcomes (CO) and all the course outcomes are mapped with the questions papers and assignments for continuous internal evaluation.

2. The target for assessment of course outcome is kept at 60% for an individual CO, the student who gets less than 60% marks in a particular CO is termed as a slow learner for a particular CO.

3. Assignment, make up classes, mentoring and make up test is conducted for the students based on particular CO assessment to improve his/her performance.

4. The students who attain all the targets are termed as advanced learners and equal opportunity is given to each and every student who comes in the category of advanced learner to become the member

of organizing team of various activities at the institute.

5. Advanced learners also act as mentors for slow learners in projects and other activities like members in clubs like Enigma, Atrangi, moonriders and the incubation center. Also, they are encouraged to write and assist in departmental magazines. Campus Recruitment training program is also conducted in college for preparing them to get jobs in various industries.

Further, all the COs are mapped with POs (Program Outcome) and POs are assessed through direct and indirect methods against the weight age average target. The gaps are fulfilled through various means.

File Description	Documents
Link for additional Information	https://jecrcfoundation.com/events-workshops/
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
3780	214

File Description	Documents
Any additional information	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

Activities related to Experiential learning (EL), Participative Learning (PL) and Problem Solving (PS) methodologies are embedded into the teaching learning process and activities are increased for the session 2023-24 and also reported in Minutes Of Meeting of IQAC and BOS.

1. In laboratories infrastructure is equipped with adequate number of equipments and peripherals.

2. Institute has introduced various add on courses viz. Embedded system and robotics, machine learning, cloud computing, digital marketing, 3-D printing, etc. and other add on courses based on the feedback from alumni, employer and other stakeholders.

3. The institute has an incubation centre which provides a platform to students to convert their innovative ideas into reality.

4. Further, as part of industry-institution partnership various centre of excellence are also established in the institute with the support of Industry.

5. Students from first year onwards are mentored to be the member of various students run technical / social / cocurricular clubs and maximum participation of students is ensured through these clubs.

6. Virtual lab through IIT Delhi is an initiative toward experiential learning. Students taking internships through internshala are also appreciated by AICTE which is beyond curriculum. More than 90% students are engaged in these learnings at the institute. All the above are mapped with program outcomes as direct and indirect tool of assessment.

7. Industrial trips are also planned for students to make them understand about industry functions and its requirements.

8. Institute organizes expert talks, workshops, seminars, SDPs and conferences to enhance and participate learning experiences.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://jecrcfoundation.com/sports-cultural/

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

1. All the faculty members use ICT enabled tools for effective teaching learning and in this process every faculty member has uploaded their video recording. The videos are on website www.jecrcfoundation.com under tab Student's Corner, and have also

uploaded the handouts of course material under this tool. It is one of the innovative practices by faculty members where any student from anywhere can access the same.

2. The college has signed MoU with IIT Delhi for utilizing virtual lab tools. Faculty members are utilizing this tool in each department and students are exposed to virtual lab platform.

3. Various subjects are mapped with Swayam Prabha portal and lectures from Swayam Prabha are also referred for quality education and also uploaded on student corner tab in ICT.

4. Industry interaction through ICT tool is done by organizing various webinars of alumini, industry experts and a tool MYTAT that provides add on courses, internships opportunities with more than 5000 industries.

5. Further all ICT tools are visible to students and utilized through open access through www.jecrcfoundation.com and are also mapped with program outcomes as direct or indirect tool for assessment.

6. Institute premise is Wi-Fi enabled.

7. Institute library is subscribed to many international journals and publications.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://jecrcfoundation.com/videos/

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

214

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

214

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

50

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

1422

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

1. Internal Examination schedule is announced in advance through academic calendar as per Rajasthan Technical University guidelines.
2. Internal assessment of students in theory courses consists of two midterm examinations, assignments/ presentation/ class test/quizzes etc.
3. The question papers are mapped with course outcomes (COs) and assessment of students is carried out against target (60%) of individual course outcome and further utilized for assessment of programme outcomes (POs).
4. Faculty members submit question papers to moderation committee they check whether paper is as per RTU pattern and any corrections found are communicated.
5. Final papers are submitted in sealed envelope to examination department.
6. An effective grievance mechanism is in place to address student concern in evaluation.
7. Further practical assessment in class is done through continuous evaluation.
8. Internal assessment of lab courses consists of two internal practical examinations, practical record, attendance, viva voce day to day performance on the basis of each experiment is assessed.
9. The examination cell appoints an internal flying squad of

senior faculty members during examination to avoid any type of misconduct.

10. The assessment of the project work is based on a variety of features including the adequacy of the literature survey, presentations and practical ability etc.

File Description	Documents
Any additional information	View File
Link for additional information	https://jecrcfoundation.com/student-assessment-guidelines/

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The institute has a well defined structured mechanism for the redressal of grievances after evaluation of answer sheets as below:

1. Students are shown evaluated answer sheet within one week of examination.
2. Students are notified to interact with faculty member to resolve grievances if any, regarding the assessment.
3. Students submit the grievance form to faculty member in case there is any discrepancy.
4. The grievance form is addressed by departmental examination cell and necessary measures are taken to address grievances.
5. Internal marks are displayed on notice board after examining all grievances. The mechanism is transparent, time bound and effective.
6. The affiliating university provides a window to the student to view their checked answer sheets and re-evaluation after declaration of result.
7. The students are also given chance to give their representation in case of unfair means case by affiliating university.

File Description	Documents
Any additional information	View File
Link for additional information	https://jecrcfoundation.com/student-grievance-mechanism/

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

1. Teachers and students are aware about the Course outcome (CO) and programme outcome (PO) and regular awareness programme are conducted in each and every department.

2. Before the start of new course in each semester faculty member explains course outcome and programme outcomes to the students in each and every class and regular feedback from students are also taken on Course Outcome and Programme Outcome through programme and course exit survey.

3. Students do include Vision , Mission, COs and POs in their laboratory files and the same is also included in faculty course file also.

4. The institute has well defined Appraisal System (Report) wherein each and every faculty members has to make course file based on Outcome based education that includes evaluation of CO and PO and due weight age is given in appraisal system.

5. Thereby each and every faculty members is aware about Course Outcome and Programme outcome, the evaluation and assessment of every student is assessed with respect to course outcome and programme outcome.

6. Course outcome and programme outcome are also displayed at appropriate places, all the lab experiments are mapped with course outcomes, all the internal examinations papers are also mapped with course outcome.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://jecrcfoundation.com/electronics-and-communication-engineering/
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

JECRC strongly believes in outcome based education and courses are regularly evaluated based on the schedule provided in the Academic calendar. The attainment of the POs, PSOs and COs are calculated for all programs through a systematic process of:

1. Calculation of the Course Outcomes (CO) attainment is computed from evaluation done throughout the semester i.e. midterm test, lab work, assignments, seminars, projects and end semester examination. The weight age for course outcome attainment followed at our institute is 70% through university examination and 30% through midterm examination (MTT). The total attainments of the course outcomes are obtained by the sum of the 70% external examination and 30% midterm examination. Course outcome attainment = 70 % weight age of end semester examination (ESE) + 30% weight age of Mid-term examination CO attainment = $0.7x + 0.3y$

2. Calculation of Program Outcome attainment from Course Outcome attainment: Mapping of every CO is done with PO and direct attainment component is calculated. Indirect POs are calculated through placements, student cocurriculum, course exit survey, program exit survey. Here again the total attainment is calculated as the weighted average of the direct and indirect attainment.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://jecrcfoundation.com/student-assessment-guidelines/

2.6.3 - Pass percentage of Students during the year

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

the year

856

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://jecrcfoundation.com/jf-data/AQAR2023-24/CR-2/TR.pdf

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 weblink)

[https://jecrcfoundation.com/jf-data/AQAR2023-24/CR-2/Student%20Satisfactaion%20Survey%20\(1\).pdf](https://jecrcfoundation.com/jf-data/AQAR2023-24/CR-2/Student%20Satisfactaion%20Survey%20(1).pdf)

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

26.84

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

3

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://jecrcfoundation.com/jf-data/AQAR2023-24/CR-3/3.1.1%20E-copies%20Research%20Grant%20(2023-24).pdf

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year**3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year**

180

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards**3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year****3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year**

102

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

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

87

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Extension activities are carried out in the neighborhood community:

Projects under Universal Human Values: To enhance the social skills and Humanities among the students.

Blood group check up, Blood donation camp, Festival celebration, distribution of goods and essentials to under privileged students, old age home and orphanage. Single Donation Platelets (SDP) at various hospitals of Jaipur.

Teaching to approximately 300 under privileged students. Nukkad natak and tree plantation conducted at various places of Jaipur.

Sensitization of students to social issues through various student driven clubs at the institute:

Aashayein is a group started in 2013 to fulfil the demand of Blood and SDPs.

Zarurat started on 20th November 2011 to provide free of cost elementary education to the underprivileged children living in the nearby slum areas of JECRC.

Soch began its journey in August 2014 to process active thinking among people.

Suhasini was laid down on 24th January 2015 to aim women empowerment by connecting them with mainstream education.

Spiritual Research Cell introduce various meditation techniques for stress reduction and mental clarity.

Impact of extension activities during year 2023-24.

Underprivileged students are prepared at institute to get admission in Navodaya School. Blood donation sand SDP donations by students of JECRC at various hospitals. Spiritual Research Cell focus on various meditation techniques for stress reduction and mental clarity. Nukkad natak on social issues is conducted. Soch is the social activity that work on cleanliness around the campus. Aashayein-The Life saviours activetythat contributein old age home. UnnatBharat Abhiyan promote girl education.

File Description	Documents
Paste link for additional information	https://jecrcfoundation.com/naacdata/Extension%20Activity_1(2023-24)%20(2).xlsx
Upload any additional information	View File

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

16

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

231

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

13900

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

49

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

39

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The details related to infrastructure & physical facility for teaching learning of faculty and students with respect to classroom, seminar hall, laboratories, auditorium, bandwidth, centre of excellence/ skill enhancement, faculty development program for faculty organized and attended, publication details of faculty, industrial visits/ guest lectures, workshops, seminar, conferences are conducted and attended , Smart India Hackathon participation, co curricular activities, project based learning, research facility / patent publication, social activities by faculty and students, incubation/start up, alumni cell annual report and oath ceremony, number of computers, LCD projectors approx 45 included for the teaching-learning process and the

entire campus is under CCTV surveillance for safety and security purposes, subject notes and lab experimental videos provided by faculty members to students documents are attached for your reference.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jecrcfoundation.com/academic-facilities/

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

The details related to adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre, etc with respect to geo tagged photos of sports facilities including outdoor and indoor games, cultural facilities and gymnasium facilities. The students of the institute participate in various cultural, sports activities at the state and national levels. This not only sharpens and develops the creative skills of the students but also create awareness about social issues among the students. Cultural activities are essential for all-round personality development of the students which in turn enables them to achieve excellence in their career. Cultural clubs viz Atrangi club includes poetry competition, poster competition, storytelling, Kathak dance, music orchestra club etc. Khalas club includes Bhangda dance, Enigma club includes contemporary dance, literary club includes short Play, Graffiti, Poem, modern art, Adaa club for fashion freaks, Fotografreaks club includes Photography club, and dramatic club named Face n Footlight etc. are life of students at JECRC and are students driven. These activities are taking place in the campus throughout the year. Further the campus has indoor and outdoor facilities for sports viz. carrom, chess, table tennis, badminton, cricket, football, volleyball, basketball, and gymnasium are provided to test their fitness. Separate facility is created at the campus with a grant of DST under science and spirituality where regular Yoga / spiritual sessions are arranged to channelize the focus and energy of students and faculty members to train and sharpen the body, mind, and spirit in the right direction.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jecrcfoundation.com/sports-facilities/

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

65

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

65

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jecrcfoundation.com/jf-data/AQAR2023-24/Criteria-4/4.1.3-Additional-Information-Infrastructure-facilities.xlsx
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

1617.42335515

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The institute has well organized library with computerized integrated library management software (ILMS) for issuing the books, cataloguing and classification and keeping the details of the book issued. The library is using ALICE an integrated Library Management software package for issuing the books and keeping the details of the books issued. The modules of software support all the activities of the circulation section including the issue and return of books, book reservations, reminders and recall of books, and overdue charges. There are dedicated terminals (OPAC System) for searching the library collection and Rack index. Circulation, Cataloging, Serial Control and Reports modules of Integrated Library Management Software is used that include below mentioned information: Software:- LS for windows Automation:-Partially Version:-6.0 Year of purchase:- 2008 Further computer facility in library with 1Gbps bandwidth and approximate 500 Headphones are also provided in the computer lab so that students may access the e-resources from anywhere. Bar code facility is available in library for issue and return of books is fully automated with the help of the software. JECRC central library has a total of 32815 volumes, 6291 titles, 60 Journals, and 8122 e-books 961 CD, 190 GATE competitive exam books are available. Study material and video on laboratory experiments provided by faculty members. Swayam and Swayam Prabha portals, NPTEL intranet facility, Virtual Laboratory facility, latest research publications / journals, (e.g. IEEE, Research GATE) etc. are provided to students through separate intranet link through library. Signed MOU with Made Easy for career counseling, GATE and RAS competitive exam, etc.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://jecrcfoundation.com/library/

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

4.38382

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

24606

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The institute time to time upgrades its IT facilities viz.Wi-Fi facility across the campus with a bandwidth of 1 Gbps and also included.LCD projectors approx 45 included for the teaching learning process.Intranet facility for teaching-learning process. Face and finger cum Simple Access Control System for

faculty biometric attendance records are maintained through face reading machine by name Real Time T304F. At present, the institute has 912 work stations and out of which 804 work stations are utilized in various laboratories to meet the requirements teaching - learning. To provide security from unauthorized users, the institution is using the Sophos firewall to prevent illegal access to the internet. Hardware and software updating take place in line with the demand of the latest syllabus as well as student's feedback. Biometric Attendance System has been effectively implemented in the institution. CCTV cameras have been installed at all the prominent places to achieve 24x7 campus surveillance. The institute has adequate computers in laboratories and library with internet. It has well equipped IT enabled classrooms. 1 Gbps bandwidth is provided with wi-fi facility across the campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jecrcfoundation.com/i-t-facilities/

4.3.2 - Number of Computers

912

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)**4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**

138.10308

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	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.

The institute is well organized with respect to administrative setups and procedures for maintaining and utilizing existing facilities like classrooms, library, laboratories, sports, transport, hostel facilities etc. System maintenance is done regularly through internal and external audit of following:

- Laboratories:** Before the commencement of the academic year, a lab audit is conducted and a report on the requirement of new equipments is prepared. Periodic maintenance is done by regular cleaning of lab spaces, software updates and antivirus updates.
- Library:** JECRC central library has a total of 32815 volumes, 6291 titles, 60 Journals, and 8122 e-books are available. Library updates its books repository on regular basis. Requisitions from the faculty members are collected in the prescribed format for books to be procured. Stock verification of all library books, print journals, etc. is carried out once in two years.
- Computers** are upgraded based on the compatibility required for software and academic requirement. Exclusive personnel from hardware maintenance department are available to constantly monitor, repair, and keep up the usage of systems.
- Classroom:** In case of any damage to the projector, internet, or the audio systems, the class co-coordinator brings it to the notice of the HOD by registering the problem in the breakdown register. The necessary follow up is done by the department and steps are taken to fix whatever is broken. Maintenance of the entire campus is carried out with the proper planning. Maintenance contract is

signed for Generator, UPS, WaterPurifier, Air conditioners, etc. Environmental /Energy/Greencampus audit is done regularly.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jecrcfoundation.com/pdf/Policy%20Booklet.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

266

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

0

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File
5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above
File Description	Documents
Link to institutional website	https://jecrcfoundation.com/placement/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
2284	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
2284	
File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The Institution has a transparent mechanism for timely redressal of student	A. All of the above

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization 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

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

659

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

8

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

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

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

17

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

59

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The Institution facilitates student's representation and engagement in various administrative, co curricular and extracurricular activities as given below:

1. Student Development Officer Club

2.Zarurat

3.Soch

4.Suhasani

5.Aashayein

6.Enigma

7.Atrangi

8.Khalas Bhangra Crew

9.Adaa

10.Avyaan

11.Face and Foot Light

12.Fotografreaks

13.Moonriders

14.Food Committee Members(BH-I)

15.Food Committee Members(BH-II)

16.Food Committee Members(GH)

17.Anti - Ragging Committee(Girls Hostel)

18.Sports Club

19.JECRC Incubation Centre (JIC)

- 20.Green Campus Club
- 21.Placement Committee
- 22.Conference Committee
- 23.Under Privilege Student Club
- 24.SDP Club
- 25.OSA (Optical Society)
- 26.JECRC CoE Embedded System and Design
- 27.JECRC CoE E-Vehicle Automation
- 28.Newsletter / E Magazine
- 29.Spiritual Research Cell Club
- 30.Alumni Cell
- 31.JECRC CoE Robotic Process Automation
- 32.IT Club
- 33.JECRC CoE LIVEWIRE
- 34.Xananoids Club
- 35.NSS Club
- 36.IEEE JECRC Student Branch
- 37.MARVEL CART CLUB
- 38.Tectonic Club
- 39.Toastmaster
- 40.Ultra Tech
- 41.Model United Nations (MUN)
- 42.OPTICA

- 43. Quest (Science & Technology)
- 44. Science and Spiritual (SRC) Club
- 45. Service Now
- 46. Siemens
- 47. Theos
- 48. Glectra (EE)
- 49. Google Cloud
- 50. Bits & Bytes Club
- 51. Celonis
- 52. E-Coders
- 53. EDITH Club (IT)
- 54. MG Motors (CoE)

File Description	Documents
Paste link for additional information	https://jecrcfoundation.com/sdo-cell/#
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

60

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

There is a well-established alumni association with Registration No. 683 Jaipur/2008-09. With hundreds of notable alumni, JECRC boasts of having 10,000+ alumni in 30+ countries and 1,000+ organizations, out of which 180+ are at international organizations. Through the registered society, a number of students are engaged in the following activities:

1. Invited talks
2. Start-up mentoring
3. Placement mentoring
4. Providing placement
5. Internship, training, and online sessions
6. Judging and mentorship
7. Workshop and add-on courses by alumni
8. Technical talks
9. ReMind
10. Music Day
11. Inspiring Mondays
12. Between the Lines
13. Symposium
14. Alumni Endowment Fund
15. CORDS-Alumni Mentorship Program

The alumni association provides guidance and assistance in terms of internships, expert talks, career guidance, and other support.

File Description	Documents
Paste link for additional information	https://jecrcfoundation.com/alumni/
Upload any additional information	View File

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

E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The JECRC provides an ecosystem for technical, social and cultural activities. The objective of the Institute is all round development of all the stakeholders i.e. the alumni, the faculty members and the students. The vision & mission of institute reflects the desired outcome for both students & faculty members. These are based on active participation in curricular & co-curricular activities at the institute which in turn transforms them for effective participation at all levels, technically & socially. The leadership is providing all the necessary guidelines and planning for smooth running of the institute. The governing body provides a transparent environment which promotes healthy communication and zeal to work towards betterment of organization.

Vision of the Institute:

- To become a renowned centre of outcome based learning, and work towards academic, professional, cultural and social enrichment of the lives of individuals and communities.

Mission of the Institute:

- Focus on evaluation of learning outcomes and motivate students to inculcate research aptitude by project based learning.
- Identify, based on informed perception of India, regional

and global needs, the areas of focus and provide platform to gain knowledge and solutions.

- Offer opportunities for interaction between academia and industry.
- Develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

File Description	Documents
Paste link for additional information	https://jecrcfoundation.com/about-us/
Upload any additional information	View File

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

The institute follows a hierarchical tree like structure where the roles and responsibilities of every individual are defined. The organization structure also controls and maintains the quality of all the decisions and planning through formation of IQAC which is responsible for assuring the quality in every frame work. The powers and responsibilities for academic, administrative and other functions are well defined. Various mandatory committees are well constituted. All the activities are being conducted effectively. Periodical plans and strategies for administrative and academic activities are framed at various levels such as Governing Body, Director, Head of Departments etc. and the same are implemented effectively.

File Description	Documents
Paste link for additional information	https://jecrcfoundation.com/board-of-governance/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The powers and responsibilities for academic, administrative and other functions are well defined .Various mandatory committees are well constituted. All the activities are being conducted effectively. The institute has drafted a strategic plan for the

enrichment in the below mentioned area. Planning and strategy is required for the following sectors:

1. Curriculum Delivery
2. Placement Planning
3. Start-up planning
4. Faculty welfare planning
5. Student welfare planning
6. Spiritual Research Cell
7. Rural Technology Business Incubator (RTBI)
8. Fruit Full JECRC
9. Accommodation and life at campus
10. JECRC Alumni Association Planning

The strategic plan is duly approved from National Society for Engineering Research and Development (NSERD) and a regular review report is presented to NSERD members for further augmentation, based on the report presented IQAC adhere and analyze the outcomes of the above mentioned area and advise the department /sections to take necessary action as necessary. As the strategic plan is made for five years till 2028, and based on the outcome, a review for revision/ augmentation of the strategic plan for the next five years.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	chrome-extension://efaidnbmnnnibpcajpcglcl_efindmkaj/https://jecrcfoundation.com/jf-d_ata/AQAR2023-24/Criteria-6/Strategic-Planning%2023-28.pdf
Upload any additional information	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 Institute follows a hierarchical tree like structured where the roles and responsibilities of every individual are defined. The organization structure also controls and maintains the quality of all the decisions and planning through formation of IQAC which is responsible for assuring the quality in every frame. The powers and responsibilities for academic, administrative and other functions are well defined. Various mandatory committees are well constituted. All the activities are being conducted effectively. All the mandatory academic and administrative bodies are constituted as per rule and functioning effectively and efficiently for smooth running of institute. Administrative and academic setup is well defined. Service conditions and rules for teachers and other technical staff are well defined and notified by the management. Committee:

- National Society for Engineering Research and Development (NSERD)
- Board of Governance (As per AICTE)
- Anti-Ragging Committee
- Student Grievance Redressal Committee
- Women Cell Committee
- Students Disciplinary Council Committee
- Anti-Ragging Squad Committee
- SC/ST Cell Committee
- IQAC Committee

All the above-mentioned bodies regularly conduct meetings related to the smooth functioning of various sections and review the process and procedure from time to time. The policies with respect to various sections are defined and updated after regular intervals of time as the case may be.

File Description	Documents
Paste link for additional information	https://jecrcfoundation.com/wp-content/uploads/2023/03/Handbook-Brochure-1.pdf
Link to Organogram of the Institution webpage	https://jecrcfoundation.com/wp-content/uploads/2023/04/organogram-lorganogram.png
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above
File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File
6.3 - Faculty Empowerment Strategies	
6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff	
<p>The Employee benefit like leaves, maternity leaves, provident fund, appraisal based increments etc. are being provided. Teaching and non-teaching staff are the key stakeholders of an institution & their growth is linked with the growth of the institution. There is a need to motivate Teaching & non-teaching staff for their career growth & also individual growth in an organization. Individual growth is linked with the freedom of taking initiatives and getting a platform at different levels from organization to participation at the institute and outside the institute. Skill development of faculty members is carried out through various workshops/ FDP conducted at institutes or other institutes. The motivation includes financial support, paid leaves, and other benefits as to enhance their knowledge by increasing qualification certificates, attending skill-based training and workshops, publishing papers are some of the key elements that the institution is providing. Handbooks related to faculty members are published and circulated among them for their benefit.</p> <p>The Handbook document includes:</p> <p>6.3.1.1 Information about salary and pay scale.</p> <p>6.3.1.2 Financial support as Retention benefit to staff and skill enhancement.</p>	

6.3.1.3 Career advancement and increment based on qualification improvement.

6.3.1.4 Holidays leave and vacations.

6.3.1.5 Testing and consultancy rules.

6.3.1.6 Performance appraisal for teaching and non-teaching staff.

6.3.1.6 Performance appraisal for teaching and non-teaching staff.

6.3.1.7 Financial support for attending conference and paid leaves.

6.3.1.8 Appraisal for startup/incubation/IPR.

6.3.1.9 Provident fund facility.

6.3.1.10 Maternity benefits for the staff members.

6.3.1.11 Additional increment in salary based on performance.

6.3.1.12 Financial support as Patent/IPR.

6.3.1.13 Seed Funding for startup/ incubation.

File Description	Documents
Paste link for additional information	https://jecrcfoundation.com/wp-content/uploads/2023/03/Handbook-Brochure-1.pdf
Upload any additional information	View File

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

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

45

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

24

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - 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 etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

135

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The teaching and non-teaching staff members, a performance based appraisal system as prescribed by the management and head of institution is in place. Institution has a well-defined Performance Appraisal System for teaching and nonteaching staff. The faculty member is required to earn a specific number of appraisal points in Academic Performance Indicators (API) in accordance with laid down criteria to be eligible for promotion or advisory issued to the staff members. The IQAC reviews the performance of teaching and non teaching staff members every year and based on faculty appraisal, annual increment, career advancement etc is granted.

Teaching staff's performance is assessed using the below-given Performance Indicators for their yearly appraisals.

Performance Indicator

1. Academic Result
2. Research Publication
3. FDP
4. National and International conference
5. Research grant
6. Patent

- 7. New skill
- 8. Innovation
- 9. Technical activity organized
- 10. Social Initiatives
- 11. Institute level activity
- 12. Award received
- 13. HOD Recommendation .Non-teaching staff's performance is assessed using the below-given Performance Indicators for their yearly appraisals.

Performance Indicator

- 1.Regularity
- 2.Maintenance & repair
- 3. How many experiments performed by yourself
- 4. Cleaning
- 5. Stock register
- 6. Behavior with faculty and HOD's
- 7.New skill certificate taken for laboratory.
- 8.HOD Recommendations

The score for an overall appraisal is calculated as outstanding/Very good/Good/Poor based on which increments and incentives are decided.

File Description	Documents
Paste link for additional information	https://jecrcfoundation.com/wp-content/uploads/2023/03/Handbook-Brochure-1.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

An external financial audit is carried out by the Chartered Accountant (CA) firm M/s Vimal Agarwal & Associates for transparency and proper utilization of funds. Institute is not carrying any internal financial audit. Audited statements are uploaded for your kind reference. An external financial audit is carried out by the Chartered Accountant (CA) for transparent and proper utilization of funds. The institute is mobilizing funds from various types of fee, donation and loan etc. and utilizing the resources for physical and academic development of the institute as per the rules and prescribed procedures.

File Description	Documents
Paste link for additional information	https://jecrcfoundation.com/account-details/
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)**6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**

109.92572

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The institution is self financed and funds are utilized/mobilized through for various heads as under: Academics / hostel / transport

fees of students donation through students fees loan through financial Effective utilization: Payment of salaries to teaching staff and non teaching staff financial aid support to various stakeholders as students/faculties. Maintenance of the campus facilities in the department provided. Infrastructure development fees scholarship to the students financial aid to startup and patent financial aid to curricular and extracurricular activities. Bus transport and other facilities are provided to faculty members and students. Hostel maintenance and management 100% tuition fees relaxation to students who lost their parent due to Covid-19 period.

NOTE: Audited statement of mobilization of fund and expenditure details is uploaded for your reference. An audited statement of account reflects the mobilization of funds for various sections shows the utilization of resources to its maximum extent.

File Description	Documents
Paste link for additional information	https://jecrcfoundation.com/account-details/
Upload any additional information	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

IQAC is well established and actively functioning. It has contributed significantly to institutionalizing the quality assurance strategies. Significant contributions made by IQAC during the current year.

1. Seminars/ Workshops/ Training etc. to promote quality education in different departments.
2. Skills development programs are introduced for students in cutting edge technology.
3. Feedback of stakeholders is Collected, analysed and action taken report is submitted to the concerned for necessary action there by positive impact is seen at various levels that enhanced the overall outcome.
4. External and Internal Academic audit are implemented.
5. Collaboration, innovation activities, awareness programs and outreach activities are organized at various levels.

Plan of Action

- Enhancing the industry institute relationship
- Emphasize on innovation and Start-up
- Faculty development program and Patent.
- Various accreditation
- Extension activities and add on courses.

Achievements/Outcomes:

- Expert talk, seminar, alumni talk and industry visit are conducted for industry institute relationship
- Collaboration activities and Start-ups have been increased from the previous year
- Add on courses have been increased from previous year.
- Department of Electrical and Civil Engineering are going to apply for NBA Accreditation.
- Extension activities have been increased from the previous year.

File Description	Documents
Paste link for additional information	https://jecrcfoundation.com/iqac-composition-mom/
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The periodical review of teaching learning process, structures and methodologies of operations & learning outcomes etc. is being done through IQAC of the institute. IQAC is well established & actively running. It has contributed significantly to institutionalizing the quality assurance strategies & process periodically through practices of framing of COs & POs evaluation & COs attainment matrix etc. Teaching-learning process include:

1. Assessment of students based on OBE & evaluation of COs/POs against predefined targets.

2. Involvement of Students in curricular & extracurricular activities so as provide platform related to participative learning, experiential learning & project based learning.

3. Involvement of faculty members to upgrade their skills through FDPs, workshops, seminars & attending/publishing papers at National/International conference of repute.

4. Involvement of faculties in innovative teaching approach as preparing their videolectures & uploading the same on the institute website, referring NPTEL/Swayam courses for study material, providing virtual labs to students through IIT-Delhi etc.

5. Motivating students to participate more in INTERNSHALA & getting certificates from Swayam & other initiatives by Regulatory authority.

6. Enriching syllabus through add-on courses is an advantage to students to learn beyond.

7. Establishing COE in cutting edge technologies. Institute reviews above teaching learning initiatives, its implementation & outcome on regular basis.

IQAC office has drafted norms related to the same & periodic review is carried out. All the initiative are thus included in the academic calendar, taking their feedback, analyzing the same & taking necessary action based on the feedback received & communicating the same to the stakeholder is a regular practice at the institute.

File Description	Documents
Paste link for additional information	https://jecrcfoundation.com/iqac-composition-mom/
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international

A. All of the above

agencies (ISO Certification, NBA)	
File Description	Documents
Paste web link of Annual reports of Institution	https://jecrcfoundation.com/annual-reports/
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	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	
<p>At Jaipur Engineering College and Research Center, the institution has appointed a significant number of women in the administrative hierarchy and believes to promote a fair number of them in authoritative and decision-making positions. Gender equity is the process of allocating resources, programs and decision making fairly to all genders without any discrimination on the basis of gender and addressing any imbalances in the benefits available to people of all genders in the system. Various activities are initiated at the institute for faculty member, staff and students to provide equal opportunities for all genders. Under women empowerment, institute supports girl students and helps in identifying many young innovators in the campus. Such innovators are supported to work on their unique ideas. Many women development activities are conducted in the campus. To ensure motivation for female students, equal opportunities are given to female faculty members for various leadership posts of different departments and they are encouraged to participate in various activities within and outside institute and paid duty leaves are provided. Girl student are encouraged and given leadership position for various technical and non-technical clubs and are encouraged to participate in various curricular and co-curricular activities as participants and members of activities and organizing team, respectively. Special incentives are given to the girl students for taking participation in start-up related activities and various Co- curricular activities. To create</p>	

awareness towards the education of girl child in the society, club SUHASINI of the institute organize activities

File Description	Documents
Annual gender sensitization action plan	https://jecrcfoundation.com/jf-data/AOAR2023-24/7.1.1 Gender Sensitization action plan 2023-24.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://jecrcfoundation.com/jf-data/AOAR2023-24/CR-7/2/7.1.1 Specific Facilities for Women 2023-24 cover page.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	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

The stringent waste management policy of JECRC Foundation is based on environmental care and institute's motto is to "Let's go green and keep our campus clean". To fulfill this, the institution manages all the waste which is produced from kitchen, hostels, laboratories and debris material. JECRC's essential operations have very less impact on the environment as the institute is very conscious of generating less waste and recycling waste by passing it through a system that enables the used material to be reused ensuring that less natural resources are consumed. To enhance the knowledge about waste management in the students and to motivate them for proper management of solid and liquid waste, department of civil engineering guide the students of the final year to develop projects in areas of solid, liquid waste management and

sewage treatment plants. The liquid wastes generated in the campus include Sewage, hostel academic blocks and canteen waste. The above waste is treated through a sewage treatment plant (STP) set up in the campus which is used for management of liquid waste in the institution. The treated water is used for watering the gardens. The Sewage treatment plants (STP) are available in the campus. The sludge settled in the STP is removed and dried for use as manure in the gardens. Composting method is used for biodegradable waste available in the campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://jecrcfoundation.com/jf-data/AQAR2023-24/CR-7/2/7.1.3_Facilities_management_degradable_and_non_degradable_waste_geotagged.pdf
Any other relevant information	View File

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- 1. Restricted entry of automobiles**
- 2. Use of Bicycles/ Battery powered vehicles**
- 3. Pedestrian Friendly pathways**
- 4. Ban on use of Plastic**

A. Any 4 or All of the above

5. landscaping with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	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 socioeconomic and other diversities (within 200 words).

JECRC is dedicated to the promotion of fundamental values i.e. tolerance, harmony, empathy and fraternity to provide an inclusive environment towards cultural, communal, socioeconomic and other diversities. Institute plays a lead role to be at the forefront thru its social arms Soch, Zarurat, Suhasini, Aashayein and various other initiatives. JECRC students take-up a social initiative called SUHASINI, to create awareness towards the education of girl child in society. SUHASINI members visit nearby villages and backward sections of the society to talk people on a door to door basis. The group's motto is "BETI BACHAO BETI PADHAO." SUHASINI members monitor the situation of girls in villages by door to door survey and try to solve their problems by proper counseling, education and awareness. Women's & Girl Child Days are celebrated and Nukkad Nataks, Workshops are organized on such occasions. Another initiative of JECRC known as AASHAYEIN, works round the year just to meet the blood requirements of families in distress and people in need. "ZARURAT", works with the motto to provide elementary education free of cost to the underprivileged children living in the nearby slum areas of JECRC, Jaipur. SOCH "Kuch Kar Dikhane ki", is a social congregation of JECRC, works predominantly along the lines of social, climatic interest of society. From planting hundreds of saplings in and out of the campus to cleanliness drives, from visiting orphanages to organizing incredible utility donation camps, this quintessential enterprise has done it all.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

JECRC organized different events with joy and enthusiasm to sensitize its students to the constitutional obligations about values, rights, duties and responsibilities for being responsible citizens, which help to implant social and religious harmony and inculcating values for being responsible citizens, as reflected in the Constitution of India. Blood donation, health checkup, cleanliness drive and clothes distribution Social activities are organized within the campus as well as outside the campus. The activities help to introduce tolerance, harmony and peace towards the social and communal side. The activities aimed to familiarize its stakeholders about fundamental duties and rights. Institution celebrates Republic Day, Independence Day, Gandhi Jayanti and Constitution Day to make importance of the constitutional spirit of equality, justice and fraternity. Swachhata Pakhwada is also celebrated to promote the importance of cleanliness. At College, many workshops are organized by the Spiritual Cell such as Thought management workshop, workshop on self empowerment through meditation, Enlightenment: Exploring the self through the meditation workshop. These workshops help to introduce truth, honesty, loyalty and peace in human. JECRC celebrates the International Yoga Day on 21st June to bring peace, harmony, happiness, success and healthy life. It embodies unity of mind and body; thought and action; restraint and fulfillment, harmony between man and nature.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

7.1.10 - The Institution has a prescribed code of conduct for students, teachers,

A. All of the above

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. 4. Annual awareness programmes on Code of Conduct are organized.

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

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

Various national and international commemorative days along with following events and festivals of repute are celebrated in JECRC, wherein all students, teaching and non-teaching staff participate. The students perform different cultural programs and speeches on the importance of these days.

Republic Day and Independence Day- Every year the institute celebrates republic day and Independence Day by hoisting Indian Tricolor Flag followed by patriotic musical performances . International Yoga Day- JECRC celebrates International Yoga Day on 21st June in the college premises to bring peace, harmony, happiness, success and healthy life to every soul. 5th September (Dr.Sarvepalli Radha Krishnan Birth Anniversary) - JECRC celebrate Dr.Radhakrishnan's birthday as Teacher's Day with great fervor. The students organize programme for the teachers and the Guru-Shishya parampara is celebrated. 15th September Engineers day (Birth Anniversary of Sir Visvesvaraya) - JECRC celebrate this day on 15th September consistently as an exceptional tribute to the best Indian Engineer Bharat Ratna Mokshagundam Visvesvaraya. 2nd October Mahatma Gandhi Birth Anniversary.- On this day the

institute organizes an event called "Cleanliness drive". 14th November (Children's Day) -Children's day is celebrated to mark the birth anniversary of Jawaharlal Nehru, who was extremely fond of children, the programme clearly depicts the spirit of the occasion Besides above Events on Hindi Diwas, National Science Day and World Heart Day were also organized on 14th September, 28th February and 29th September respectively.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

1: The Social Arms of JECRC has a good eco system in the notion of serving the society.

In this perspective, the Social Arm of JECRC has four verticals Zarurat, Aashayein, Suhasini and Soch to work for the upliftment of the needy and deprived sections of the society in different directions. The institute has been visited by Nobel Laureate Mr. Kailash Satyarthi, Padma Bhushan Awardee Dr. D.R Mehta, Founder Bhagwan Mahaveer Viklang Sahayta Samiti, Padma Shri Awardee Mr.Chandi Prasad Bhatt, Environmentalist Founder DGSS (Dasholi Gram Swarajya Sangh) Rajiv Gandhi Khel Rathna Awardee and Arjun Awardee Mr. Devendra Jhajharia and many more. Zarurat works in the direction to provide free elementary education to the underprivileged children living in the nearby slum areas of JECRC, Jaipur.

2: Placement of students with backlog

JECRC has taken a unique initiative of starting a vertical, exclusively for the placement of students with less than 60% marks and with some backlogs and works for providing training, motivation and opportunities to these students who earlier could not even dream of a campus placement. Institute provide platform to

organize interactions of students with alumni who are placed in various companies and also those who have shifted to still better companies as a result of the experience gained by them in the initial company. JECRC Foundation helps these students to achieve their career goals through Pre-placement training , One-to-one mentoring and sends invitations to companies to conduct placement drives on campus.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The Spiritual research cell has been working persistently since its inception, for the inner development of individuals. Several events and workshops are organized from time to time to empower students emotionally and spiritually. This cell also counsel students to get solutions of their real life problems. Full time spiritual mentor cum researcher is appointed to help out students in overcoming negative emotions. SRC built up in 1000 sq. feet consists of meditation room where contemplation, concentration and realization of real self can be done. All events and workshops take place in a beautiful sound proof "Wisdom Hall "which also acts as a digital class room. Spiritual library with a collection of beautiful titles adds value to this cell and research lab cum office is developed to facilitate research on various aspects of science and spirituality.

The Cell regularly conduct events for the students and faculty members of JECRC and other institutions. Self-Empowerment through Meditation is a regular event organized for students where they learn to distinguish between physical and meta-physical being and thus can choose the better options in life. Events mainly focus on knowing the self, the energy source and practical experiencing through meditation. Delegates from 35 countries have visited this cell and witnessed the power of spirituality in human life. AICTE Chairman Dr. Anil D Sahasrabuddhe specifically visited JECRC campus to mark the importance of such initiatives for youngsters. Former ISRO Chairman Dr.A.S.Kiran Kumar visited the cell and admired its need in present times.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. Increase in Intake
2. Smart infracture augmentation
3. Enhancement of skills to deal with cutting edge technology
4. Emphasis on higher Placement package