



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	Rajasthan College of Engineering for Women
• Name of the Head of the institution	Dr. Arihant Khicha
• Designation	Director
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	01412251276
• Mobile no	9001880055
• Registered e-mail	dean@rcew.ac.in
• Alternate e-mail	admin@rcew.ac.in
• Address	Bhankrota, Ajmer Road, Jaipur-302026
• City/Town	Jaipiur
• State/UT	Rajasthan
• Pin Code	302026
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Women
• Location	Urban

• Financial Status	Self-financing												
• Name of the Affiliating University	Rajasthan Technical University, Kota												
• Name of the IQAC Coordinator	Dr. Arihant Khicha												
• Phone No.	01412251276												
• Alternate phone No.	01412251276												
• Mobile	9001880055												
• IQAC e-mail address	iqac@rcew.ac.in												
• Alternate Email address	dean@rcew.ac.in												
3.Website address (Web link of the AQAR (Previous Academic Year)	http://rcew.ac.in/												
4.Whether Academic Calendar prepared during the year?	Yes												
• if yes, whether it is uploaded in the Institutional website Web link:	http://rcew.ac.in/DOC/academic%202020-21.pdf												
5.Accreditation Details													
<table border="1"> <thead> <tr> <th>Cycle</th> <th>Grade</th> <th>CGPA</th> <th>Year of Accreditation</th> <th>Validity from</th> <th>Validity to</th> </tr> </thead> <tbody> <tr> <td>Cycle 1</td> <td>B++</td> <td>2.88</td> <td>2021</td> <td>15/02/2021</td> <td>14/02/2026</td> </tr> </tbody> </table>	Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to	Cycle 1	B++	2.88	2021	15/02/2021	14/02/2026	
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Cycle 1	B++	2.88	2021	15/02/2021	14/02/2026								
6.Date of Establishment of IQAC	08/07/2019												
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,													
<table border="1"> <thead> <tr> <th>Institutional/Department /Faculty</th> <th>Scheme</th> <th>Funding Agency</th> <th>Year of award with duration</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	-	-	-	-	-			
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-	-	-	-	-									
8.Whether composition of IQAC as per latest NAAC guidelines	Yes												
• Upload latest notification of formation of IQAC													

9.No. of IQAC meetings held during the year		5
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?		No
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<ul style="list-style-type: none"> Successful Organisation of National Workshop on "Gender Equity & Gender Sensitisation". Orientation of faculty members/administrative staff regarding Revised Accreditation Framework of NAAC Conducted by IQAC Coordinator Constant encouragement and inspiration by the IQAC to promote research aptitude and research ethics among faculty members and students. Best practices such as Sapling Medicinal Plantation , clean and plastic free campus , arranging health related camp such as yoga, Art of Living and more. Robust Mentor-Mentee System. 		
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
<p>Conduct workshop, Seminar & FDP for faculty to develop course based learning</p>	<p>Workshop conducted and faculty incorporated course learning objectives and measurement matrices in their courses</p>
<p>At the beginning of this academic year, IQAC took steps to encourage and motivate students from every department to pursue their active participation in student seminars, workshops, debate, quiz, cultural competitions in our own college campus as well as in other colleges.</p>	<p>Many students were motivated by different approaches made by the teachers. The students of Engineering Department delivered serious lectures along with some presentations on different global issues in own campus. The students of CS Department actively participated in a quiz competition. Some of our students also participated in a Inter college cultural competition and secured lots of prizes. These achievements helped other students to come forward breaking all the barriers.</p>
<p>Publications</p>	<p>Faculties papers are published in UGC care & other reputed journals</p>
<p>Strengthen IT infra</p>	<p>Switched over to cloud computing and modeled fully digital classrooms created. Additional bandwidth procurement initiated</p>
<p>The IQAC put enormous efforts to arrange seminars and workshops for ICT enabled teaching learning methods. The teachers were requested to enroll themselves for the training in e-content preparation.</p>	<p>At the end of this academic year, we all saw the benefits of such arrangements. Specially at the time of pandemic, these online methods helped the teachers to maintain the uninterrupted teaching learning process</p>
<p>Take measures for health and Safety of students, faculty & staff members</p>	<p>Regular sanitization calendar introduced, coordinating with hospitals for health issues for faculty, staff and students, mini clinic establishment in the</p>

	campus with qualified doctor on campus and on call, COVID task force formed to monitor health and hygiene situation in the campus
Awareness programmes	An Awareness programme was Conducted for students on Female safety .
Revisit the financial sustainability of the institution in the light of pandemic and need for the new faculty recruitment	It is proposed to prepare a new long term sustainable plan for the institute
Emotional and general well being	Signed MOU with Yoga Premier League for Aerobics and physical fitness
Green Initiatives	Cycling of sewage water for irrigation, addition of roof top solar panel installation and Entrepreneurship focused on environmental conservation
13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
NAAC	31/08/2021
14. Whether institutional data submitted to AISHE	
Year	Date of Submission
yes	16/05/2020

Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	10
2.Student	
2.1 Number of students during the year	339
File Description Institutional Data in Prescribed Format	Documents View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	Nil
2.3 Number of outgoing/ final year students during the year	98
3.Academic	
3.1 Number of full time teachers during the year	99
3.2 Number of sanctioned posts during the year	99
4.Institution	
4.1 Total number of Classrooms and Seminar halls	42
4.2 Total expenditure excluding salary during the year (INR in lakhs)	284
4.3 Total number of computers on campus for academic purposes	594

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

Rajasthan College of Engineering for Women (RCEW), Jaipur is affiliated to Rajasthan Technical University (RTU), Kota and approved by AICTE, New Delhi. It is a women only Institute. Being an affiliated institute, RCEW implements its curriculum prescribed by Rajasthan Technical University (RTU), Kota for its Under Graduate (UG) and Post Graduate (PG) programs. The institute prepares academic calendars in line with the academic calendar of the university and imparts knowledge and value based quality education utilizing the best resource potentiality of the institution. The

institution in accordance with the prescribed curriculum and academic calendar has developed a mechanism for structured and effective implementation of the curriculum so that its students are socially, mentally and technically ready to face upcoming challenges in all wake of life. Following process is followed for effective curriculum delivery:

1. As per subject expertise and interest of faculty, the curriculum workload is distributed. Difficult subjects are allocated extra periods right from the beginning. A subject allotment form is distributed and faculties are required to fill subjects as per their expertise and interest.

2. Meetings among Director, HoDs and faculty members are conducted before load distribution and commencement of the semester to streamline the teaching learning process

3. At the beginning of the semester, every faculty prepares a lesson plan, and syllabus is deployed as per the time-table and academic calendar. Faculty prepares their course plan in-line of academic calendar containing specified events. Syllabus is classified into three categories viz. A, B and C. A indicates challenging/ tough concepts. B indicates average and C indicates easy concepts.

4. Subject wise course files are prepared by the faculty. The course file contains list of POs, PSOs, COs & their internal mapping, university syllabus, its deployment, Tutorial sheets & their solutions, solutions of mid- term & university question papers, subject notes and handouts.

5. The faculty delivers lectures through PPTs and organizes video lectures for the students is commonly shared within the offices through email when needed. HR module: In this, staff details like staffs appointments, joining of staffs, salary attendance vouchers, leave module of staff from where staff can apply leave online through their personal login College office: The offices use the digital platform for communication with the University and other academic bodies. Departments: every department maintains depository of documents related to the record of the students, staff members and the activities and programmes of the department. The departments send the reports or data to the offices or to the authorities through email whenever demanded. The network of systems is connected to a server from which the data can be easily extracted whenever needed. i.e. faculty make effective use of ICT for better delivery of lectures.

6. For ensuring the adherence of academic policies of the institute, academic audit cell comprising of senior faculty conducts audit of the lecture and lab courses taught by the faculty supported with regular directors meetings to review academic progress, student's attendance and syllabus completion status.

7. Feedback about effectiveness of the faculty in the classroom is taken through online feedback system having questionnaire like Teaching competencies and effectiveness, lab deliverables, classroom Self Study Report of RAJASTHAN COLLEGE OF ENGINEERING FOR WOMEN communication etc. Senior faculty members, HODs and Director for regular monitoring, also take indirect feedback. Students also give feedback to the mentors during their meet.

8. Student attendance is closely monitored through an online/offline attendance management system. Parents informed about their ward's attendance through SMS/ telephone call. Attendance defaulters are regularly counseled.

9. Effective delivery of curriculum is supplemented with expert lectures, seminars, workshops, industry visits/ internships, hands-on sessions, case studies, e-learning, assignments, internal tests, FDPs etc. Contents beyond curriculum are identified and taught through workshops.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://rcew.ac.in/AcaCal.php

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

RCEW has gained its unique position among peer institutions through meticulous planning and executing the Teaching-Learning processes. Academic calendar is prepared and circulated in advance to all concerned. Preparation of Academic Calendar

- Institute publishes academic calendar per semester for all departments with reference to university (RTU) calendar. This

calendar is communicated to all faculty, staff and students through Notice Boards/ Website.

- Along with academic calendar institute publishes its Holiday calendar with aspect to holidays declared by university and local administration.
- All the faculty prepare a syllabus deployment schedule and ensure the effective and timely completion of subject syllabus well before the respective Examinations.
- Course completion status is discussed in the departmental meeting and the meeting of HOD with the Director. The lagging subjects are allotted extra classes so that the required syllabus can be completed before the date for commencement of Midterm examination.
- As per the dates mentioned in the academic calendar Examination schedule is prepared and circulated by the examination cell at the Institutional level.
- The affiliating university has a procedure in place to submit the marks of internal assessment (both theory and practical Examinations) online and gives deadlines for each semester after which the portal is closed.
- Adherence to the academic calendar for the conduct of Continuous Internal Evaluation and also for the submission of the marks.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://rcew.ac.in/AcaCal.php

1.1.3 - Teachers of the Institution participate in C. Any 2 of the above 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

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

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

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

10

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

6

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
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

61

File Description	Documents
Any additional information	No File Uploaded
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

Cross-cutting issues like the environment and gender equality are relevant to all aspects of development. Mainstreaming of cross-cutting issues is done by including various courses on these issues in the curriculum at UG and PG level. In addition to these courses, courses on Human values & Professional Ethics are given ample scope and are part of the curriculum. As mentioned, these cross cutting issues are imparted in the form of compulsory subjects as a part of curriculum by the affiliating university. There are various courses in different programmes on Environmental Science and Human Values & Professional Ethics in various semesters specified by the Rajasthan Technical University (RTU). The concerned courses are mandatory for UG and PG students.

The college has taken various initiatives in the teaching-learning process to supplement the University's curriculum and to make students' orientation positive about these issues. Various activities like guest lecture of eminent personalities hailing from industry and academia, various competitions and workshops, among others are organized with regard to delivery of the these courses. The college environment has no gender biasness and respects people from all walks of life. The college is women only college that has been established with the aim to enable the girl empowerment through technical education which will help students to unchain barriers to reach greater heights.

- The students are trained for Group Discussions, Discourses and**

Interviews for enhancing their self confidence and public speaking skills.

- Camps, Guest lectures, Educational tours and Presentations by the students are organized regularly to expose them to constructive learning.
- Hands on exercises are done by the faculty to make the teaching-learning process more student- centric that also supplements the University syllabus along with the skill development.
- Various workshops related to Soft Skill and Personality Development programmes are the value added activities that are conducted regularly by in-house faculty members and corporate professionals.
- Issues related to gender equality and environment sustainability are addressed through activities like "Beti Bachao, Beti Padho", "Paryavaran Sanrakshan Programme" among others.

The Institute also organizes various Debates, Speech, Essays writing competitions to makes students aware of social, ethical and human values.

File Description	Documents
Any additional information	No File Uploaded
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

10

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

93

File Description	Documents
Any additional information	No File Uploaded
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	http://rcew.ac.in/Feedback.php
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may B. Feedback collected, analyzed

be classified as follows

and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

89

2.1.1.1 - Number of students admitted during the year

89

File Description	Documents
Any additional information	No File Uploaded
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

37

File Description	Documents
Any additional information	No File Uploaded
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

Diversity in the classroom is a reflection of the democratic liberties in the society. It ensures equity of success for all learners because no one has the monopoly on intelligence. The institute has a mechanism to nurture the special learning needs of

the students. An initial assessment based on the various inputs (as given) helps in identifying the learning levels of the students.

- Score of JEE (Mains) / REAP
- Students' 10th, 12th marks
- Identification of back ground- medium of communication of the students

The institution also assesses the learning levels of students through scheduled tests and their latent talents are exposed through their participation in curricular and co-curricular activities.

The following actions are initiated to enhance the skills of advanced learners and slow learners:

Advanced Learners:

- Advanced learners are provided expert sessions from academic and industry experts for widening their horizon.
- Advanced learners are given opportunity to lead, plan and organize institution's co-curricular and extra-curricular activities including annual techno-cultural festival. They are also given opportunity to be interface with the academia/industry experts.
- Advanced learners are being motivated by felicitating on being department toppers.
- Students are facilitated to attend various inter and intra college workshops, conferences and symposia to expand their skills and ability.
- Advanced learners are also encouraged to take part in teaching learning process.
- Coaching classes for GATE are also conducted in-house for the advanced learners.
- Advanced learners are encouraged to read and write review and research papers. They are allowed to attend conferences/ seminar.

Slow Learners:

Slow learners are categorized based on the factors like lack of interest, slackness in understanding the subject, inability to write and comprehend English language, to mention a few. Even socio-economic conditions sometimes play a role in fixing the learning level of the students. Hence, the slow learners are classified by the respective class teacher/ mentor based on the reasons specified and proper counseling is done on that basis.

- **Bridge course classes are conducted on the subjects like Mathematics and English for initial 2 weeks just after their joining the institution.**
- **Slow learners with short of interest and slackness in understanding the subject are provided with special classes delivered by the respective subject faculty after the completion of the regular classes.**
- **Remedial classes are conducted regularly for the slow learning students.**
- **Improvement tests are conducted for the low scoring and slow learning students.**
- **Proper counseling and mentoring is done for slow learning students by their respective mentors. Efforts are being made for finding the reasons behind slowness.**
- **If required, parents of the slow learners are also requested to meet the mentor, faculty members teaching different courses and HoD. Students are counseled in the presence of their parents.**
- **Question bank comprising questions and answers of the previous year's University semester exam question papers is provided to the slow learning students which helps them face the exams with confidence.**

File Description	Documents
Paste link for additional information	Nil
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
1908	99

File Description	Documents
Any additional information	No File Uploaded

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

RCEW adopts student centric methods like experiential learning, participative learning and problem solving methodologies for

enhancing learning experiences. The student centric method, by its very nature, allows students to shape their own learning paths and places upon them the responsibility to actively participate in making their educational process a meaningful one.

Experiential learning involves reflection, critical analysis and synthesis, opportunities for students to take initiative, make decisions and be accountable for the results. It in fact supports students in applying their knowledge and conceptual understanding to real-world problem. It is the practice of leaning through doing. The institute organizes many activities like internships, OJT, field trips, field research, peer learning activities, volunteering and service-learning projects to enhance experiential learning.

Participating learning involves learner centric teaching methods such as group work, role play, project work, field visit, industrial visits, case study, debates, seminars, presentations among others. These activities are employed to make teaching and learning more effective. Institute organizes many such activities to promote participating learning. Educational trips, surveys are also organized at departmental levels. All departments organize guest lectures by eminent personalities to develop the students to learn on their own. Visiting faculties drawn from industry and academic institutes of repute supplement the teaching process and provide the information to bridge the gap between industry and academia.

In addition, learner-centred teaching methods such as group work, role play, project work, case study etc. supplement classroom teaching which enhances critical thinking among students.

Some of the additional student centric methods followed in the institution are as follows:

- The institute is having state-of-art laboratories for students to get their theoretical concepts clear through practical/experiential knowledge. Students are encouraged to

do minor and major projects through which they can apply the technical concepts practically and understand them in a better way.

- Students are updated with the models, flow charts and real life examples for the better understanding of the theoretical subjects.
- Students are appointed as members of the respective department clubs through which they can arrange and participate in various programs like Conferences, project exhibition, workshops project competition, technical quizzes, co-curricular and curricular activities.
- Invited talks by experts from academia and industries are arranged periodically, so that students can get enough inputs from the experts so as to prepare themselves to meet the expectations of the industry or to plan for higher studies.
- Field trips and industrial visits are arranged for the students to enhance their industrial exposure. Students are encouraged to publish papers in International and National Conferences and participate in Symposia to improve their ability to share their subject knowledge with confidence.

Outcomes:

- Research and Development Centre established for helping students work on their research projects.
- Entrepreneur Development Cell (EDC) helps students to start new businesses of their own. Cell invites young Entrepreneur and industrialist to guide students, interested in starting their own business. Intellectual Property Right (IPR) workshops give insight about filing patents of for the novel ideas.

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

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

Teachers use ICT enabled tools for effective teaching-learning process

Today, it is essential for the students to learn and master the

latest technologies in order to be corporate ready. As a consequence, teachers are combining technology with traditional mode of instruction to engage students in long term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education.

The following tools are used by the Institute:-

ICT TOOLS:

- 1.) Projectors- 54 projectors are available in different classrooms/labs.
- 2.) Desktop and Laptops- Arranged at Computer Lab and Faculty cabins all over the campus.
- 3.) Printers- Installed at Labs, HOD Cabins and all prominent places.
- 4.) Photocopier machines - Multifunction printers are available at all prominent places in the institute.
- 5.) Scanners- Multifunction printers are available at all prominent places.
- 6.) Seminar Rooms- Three seminar halls are equipped with all digital facilities.
- 7.) Smart Board- One smart board is installed in the campus.
- 8.) Online Classes through Zoom, Google Meet, Microsoft Team, Google Classroom)
- 10.) HackerRank (Online Coding Platform)- inter college competition
- 11.) MOOC Platform (NPTEL, Coursera, SAP, Udemy, Edx etc)

Use of ICT By Faculty-

A. PowerPoint presentations- Faculties are encouraged to use power-

point presentations in their teaching by using LCD's and projectors. They are also equipped by digital library, online search engines and websites to prepare effective presentations.

B. Industry Connect- Seminar and Conference room are digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students.

C. Online quiz- Faculties prepare online quiz for students after the completion of each unit with the help of GOOGLE FORMS.

D. Video Conferencing- Students are counseled with the help of Zoom / Google meet applications.

E. Video lecture- Recording of video lectures is made available to students for long term learning and future referencing.

F. Online competitions- Various technical events and management events such as Poster making, Ad-mad show, Project presentations, Business quiz, Debates, paper presentations etc. are being organized with the help of various Information Communication Tools.

G. Workshops- Teachers use various ICT tools for conducting workshops on latest methods such as SPSS, Programming languages, simulations etc.

Academic Management System

The College has developing an integrated Academic Management System and comprehensive tool for faculty, students and administrators to overcome the challenges in the process of college admissions and post admission. The entire college admission process was proposed to be digitized with the tool starting from Application, Selection, and Intimation & Admissions. The tool is an online-platform that is meant to manage entire gambit of CBCS – from registration of course, registration by the faculty, allocation of courses to the faculty, student attendance, internal assessment, end-semester assessment, and conversion of marks to grades, declaration of results, grade card generation, distribution etc.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

23

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	No File Uploaded
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

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

99

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
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

18

File Description	Documents
Any additional information	No File Uploaded
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

99

File Description	Documents
Any additional information	No File Uploaded
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.

Institute conducts various examinations for Assessment and Evaluation of its students. Examinations have two tier systems.

1. University defined

- **Two Mid Term Exams - 20 weightage**
- **One Main Examination - 80 weightage**

2. Institute defined

- **Unit Tests**

- **Open Book Exams**
- **Quizzes**
- **Laboratory Internal Assessment**
- **Mid Term Practical Exams**
- **Improvement exams All types of mid-term**

and unit tests are planned before commencement of each semester.

Institution prepares Academic Calendar with reference to its affiliating university's academic calendar at the starting of each semester. The institute has defined set of internal assessment. Question paper of midterm exams are set as per pattern of University main written examination. Papers are submitted to the secrecy cell in a sealed envelope with marking scheme and solution of question paper. Examination Committee executes the centralized evaluation process with monitoring Continuous Assessment:

- The institute has a structured internal evaluation process implemented for theory subjects as well as laboratories subjects for students' persistent performance.
- For the continuous assessment in laboratory lab record sheets are filled by faculty. The record sheet has the detail of date of assigning /completion of the experiment, on the spot viva grad and overall grade of the experiment.
- For the assessment of project and seminar proper guidelines are developed to ensure continuous and unbiased evaluation.

File Description	Documents
Any additional information	View File
Link for additional information	http://rcew.ac.in/NAAC/Naac-Doc/Mechanism_for_Examination_Evaluation.pdf

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

A transparent, time-bound and efficient method is being followed in Rajasthan College of Engineering for Women in terms of dealing with internal examination related grievances. Various internal examinations are being performed throughout the semester. Some of them are- Mid Terms, unit-tests, assignments, lab continuous evaluation, project evaluations, etc.

Internal Assessments (Mid Term 1 and Mid Term 2):

Immediately, after the Mid Terms the marks is displayed on the notice board to maintain transparency and uniformity in the assessment of the internal tests. The faculty evaluates the papers within a week of conduction of test. The evaluated answer sheets are shown to students in class and faculty undertakes individual grievances with a student on the paper if required by the student.

At the end of the semester the average marks of both the mid terms exam is calculated and verified with the students. If any discrepancies are reported by the students, then they are resolved by the faculty immediately.

Assignments-

Faculty evaluates assignments based on the viva voice which is also shared with the students. The viva voice consists of criteria- timely submission, clarity, neatness, etc. The evaluated assignments are given back to students thus maintaining the transparency of the marks assigned and to resolve grievances is any.

Lab experiments-

The faculty immediately evaluates the experiment performed in lab by the student and the performance marks are assigned based on the lab viva voice designed by the faculty. The lab viva voice is given in the lab manual, which is shared with the students well in advance before the lab is conducted. The lab submissions are taken in LMS, e.g. Google classroom, and the marks given by the faculty are available to the students immediately, this providing a transparent way for students to reflect on their strengths and areas of improvements.

Project evaluation-

In a semester two internal evaluations of the project is conducted in front of the panel consisting of group of faculties. The viva voice is designed for these two presentations having criteria- quality of problem formulation, literature analysis, presentation, team work, etc. With these systems in place, RCEW is very well exhibits transparency in the mechanism of dealing with grievances related to the internal assessment.

College Level:

- If a student is not able to appear for examination due to medical or any genuine reason examination is conducted for that student as per norms, provided that she submits application with proper documents.
- If any student scores less marks and wants to improve in that subject, she can appear for the improvement examination.
- The grievances of the students with reference to assessment are made clear by showing her performance in the answer sheet.
- The answer sheet of such student is assessed by the faculty once again in the presence of the student. Any corrections in the total of marks or assessment of answer books as identified by students are immediately done by the faculty members.

- Any student who is not satisfied with the assessment and award of marks may approach the concern HOD who can intervene and seek opinion of another course Teacher.
- The Institute follows open evaluation system where the student performance is displayed on the notice board and the same is informed to the parents.

University level:

- With reference to evaluation, if the student scores less mark than expected, she can apply for revaluation of her answer script after paying the prescribed fee.
- University provides the photocopy of answer sheets to students regarding any grievances with reference to evaluation. Student can apply for revaluation if she feels that evaluation is not correct

File Description	Documents
Any additional information	View File
Link for additional information	http://rcew.ac.in/NAAC/Naac-Doc/Mechanism_to_deal_with_internal_examination_related_grievances_is_transparent.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

RCEW has well defined outcome-based objectives like Vision and Mission, Program Outcomes (POs) and Program Specific Outcomes (PSOs) for all the programs. All the departments of the institution have well defined Course Outcomes (COs) for every course.

Vision and Mission, POs and PSOs are published at all prominent

places and disseminated among all Internal and External stakeholders. Faculty members and students are conversant with POs, PSOs and COs of the programs.

These objectives are displayed on the display boards in the HoD's room, department library, staff rooms, corridors and department's Notice Boards. Vision and Mission are published at the institute's web site <https://www.rcew.ac.in> POs, PSOs and COs are kept available on institute website under Department menu.

Dissemination

Vision and Mission are discussed by the Director during his address in the induction program. All newly admitted students along with their parents attend this program. Head of the department delivers address in the department specific orientation program. During his address Department Vision and Mission, POs and PSOs are stated. At the beginning of every course, the faculty member discusses the course outcomes in the classroom as well as in the laboratory.

Students: Awareness Sessions are conducted periodically for the students to make them aware of the objectives. These objectives also elucidate to students at the time of joining the institution as part of the induction program and department specific orientation program.

Parents: Parents are also explained about the objectives during induction program organized at the time of joining of their wards in the college.

Faculty and Staff: Orientation program is conducted periodically for newly joined faculty and staff members to induct them into the institution and the department during which objectives are also explained. Department meetings are also conducted periodically in

the objectives and their effectiveness is discussed.

Alumni Members: These objectives are conveyed to alumni members during alumni meetings organized every session. Relevance of Vision and Mission are also deliberated with alumni.

Governing Council: All these objectives are analyzed and evaluated according to policy and governing methodology of the department during GC meeting.

Employers: Suitability of the objectives is assessed during recruitment drives and industry interaction. The objectives are communicated to all the employers to seek their valuable suggestions. Information brochure, college magazine, newsletters are also provided during the interaction.

Professional Bodies: Professional bodies are associated to align their activities to achieve institute and department objectives. While organizing events under professional bodies institute and department objectives are communicated through events brochures.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	http://rcew.ac.in/NAAC/peo_co_pso.php
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Attainment of program outcomes and course outcomes are evaluated by the institution.

Methods used to measure the levels of course outcomes consist of

Direct assessment and Indirect assessment. The assessment process is aligned with learning outcome. Formative and summative assessments are integral part of direct method. Tutorial / Assignment, Lab evaluations, Outcome based assessment are part of formative assessment while mid-term exams and university exams (for both theory and labs) are considered under summative assessment. The indirect method includes student feedback and survey conducted to gather information. The assessment process is used to evaluate the knowledge, skills and competence of the learners. Attainment of COs is measured by using Direct and Indirect Methods.

Attainment of Course Outcomes:

Attainment of course outcomes helps the stakeholders to manage the resources effectively to the maximum extent. This creates path to improve the processes continually.

Attainment of Program Outcomes: For every degree program, expectations are listed out by the institution under the Program Outcomes. POs are statements about the knowledge, skills and attitudes (attributes) the graduate of a formal engineering program should have. POs deal with the general aspect of graduation for a particular program, and the competencies and expertise a graduate will possess after completion of the program. They also learn to design solutions for problems that meet the specified needs with appropriate consideration for the cultural, societal and environmental well being. They learn to use research based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of the information to provide valid conclusions. They realize that individual and team work function effectively in multidisciplinary settings. They learn to communicate effectively with society and they are able to comprehend and write effective reports and design documentation. They also make effective presentations and give and receive clear instructions. They understand the importance of critical thinking, social interaction, effective citizenship, ethics and environment and sustainability. Ultimately, they acquire the ability to engage in independent and life-long learning.

Attainment of Program Specific Outcomes: The stakeholders understand the nature and basic concepts of ecology. They analyze the relationship between human beings and nature. Based on these outcomes, the stakeholders learn goal-setting, problem solving techniques and decision making. The institution evaluates the stakeholders as Class Toppers, University Rank Holders and Best Outgoing Students. They are recognized and awarded during the Annual Day function by giving them Certificates and Mementos. Medals are awarded to the University Rank holders. The Best Outgoing Students are evaluated on the basis of five criteria: Academic Performance, Attendance, Behaviour inside the class room, Behaviour on the campus and Extracurricular activities.

The program outcomes and program specific outcomes are measured by the performance in sessional and university examination. It is also measured in recruitment drives.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://rcew.ac.in/NAAC/peo_co_pso.php

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

92

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	No File Uploaded
Paste link for the annual report	Nil

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)

http://rcew.ac.in/NAAC/Naac-Doc/Student_Satifaaction_Survey.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)

2.6

File Description	Documents
Any additional information	No File Uploaded
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 teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

01

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

Nil

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Entrepreneurship Cell- RCEW

The objective of promoting entrepreneurship among the youth is to nurture a passion for self-employment. This will open gates for creation of new knowledge-based innovative hi-tech ventures, industries and new breed of techno-preneurs and more avenues of employment opportunities thus turning job seekers into job creators and in the process, leading the nation towards industrial excellence and self-reliance. The Entrepreneurship Development Cell (EDC) of our college aims towards achieving the above.

The broad objective of EDC is:

To create awareness on entrepreneurship among the students.

To inculcate entrepreneurial spirit and culture among Engineering graduates To conduct programs in Entrepreneurship enabling skills

In the modern world people can no longer expect large enterprises to guarantee them jobs for life. Individuals are increasingly expected to seek out their own opportunities, actively create value and behave ethically, rather than faithfully follow rules and routines

set by others. Being enterprising involves taking responsibility for decision making, becoming increasingly self-reliant, pioneering, adventurous, daring, dynamic, progressive, opportunist, ambitious and holding your values, as well as being able to initiate ideas and see them through into action.

The main functions of EDC are:

Organize Entrepreneurship Awareness Camps, Entrepreneurship Development Programs, Faculty Development Programs, IPR workshops and Skill Development Programs in the college.

Initiate innovative student projects each year for new innovative product development. Organize technical Competitions every year.

Guide and assist prospective entrepreneurs on various aspects such as preparing project reports, obtaining project approvals, loans and facilities from agencies of support system, information on technologies, etc.

Arrange interaction with entrepreneurs and create mentorship scheme for student entrepreneurs.

Research and Development Cell

To recognize education and Research in close interaction with industry and emphasis is given on the development of inventiveness, innovative creatively among students and faculty.

Objective:-

- Promote R&D programme in newly emerging challenges in science, technology and engineering.
- Enhancement of knowledge, capability and a global recognition

to institution.

- Application of qualitative as well as quantitative Research technique to enhance knowledge, capability of students and faculty in relatively unexposed area.
- To develop research proposal for funding from DST/MNRE/AICTE/MHRD.
- To organize seminar/Conference/workshop in the relevant area of science & engineering.
- Up gradation of workshop and laboratory through MODROB proposals of AICTE, MHRD.

Goal :-

- Promotion of R&D Activities in of science and technology with special emphasis on emerging domain.
- Motivate faculty and students to participate in Seminar/Conference/Workshop and further share his knowledge, experience with faculty and students and submission of write up to R&D cell.
- To motivate faculty and students to present/Publish/Research paper in reputed national & international journals and submit a copy to R&D SECTION IN LIBRARY
- To start research programme in science & engineering, which is funded by national & international research bodies.
- Motivate faculty and students to design and fabricate and implement viable functional projects for the benefit of institution. The institution should provide financial support & facilities.
- Publish Journal of science & engineering with ISBN No.
- Inculcating scientific temper in students & faculty.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual

Property Rights (IPR) and entrepreneurship year wise during the year**8**

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards**3.3.1 - Number of Ph.Ds registered per eligible teacher during the year****3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year****0**

File Description	Documents
URL to the research page on HEI website	http://rcew.ac.in/btech.php
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year**3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year****32**

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

46

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

The institute promotes community networking and engagement program for contribution to good citizenship, service orientation and holistic development of students, through following ways:

1. Initiatives taken by Helping Hands Club

'The Helping Hand', a club managed by the students of RCEW, Jaipur, aims at facilitating the life of the needy people in the society. They mainly contribute by donating food, clothing and other necessary items in the disadvantaged and poverty stricken parts of the society with the ultimate aim of uplifting their conditions.

2. Visit to Government School

The members of 'The Helping Hand' club makes visit to nearby government school to contribute in the teaching of school children. They also provided stationery to the needy students. They played games, conducted quizzes and did several other fun activities with the children. They also held counseling sessions for the students of classes 9th and 10th. Gifts that were collected through money contribution were also divided among the children.

3, Visit to an Old Age Home

'Growing old is compulsory but growing up is optional.' This was something that taught to the students of The Helping Hand when they visited an old age home. The students went there with the desire to bring a smile to those faces who have probably concealed it since ages. The students described the habitants of the old age home as highly congenial and warm hearted. The students were segregated into

groups who went to different rooms and had nice long talks with those destined people of god. The students who had listened their tales considered them highly remarkable. Furthermore they also gave performances to entertain these people. Through this trip they not only fulfilled their duty as a responsible citizen but also learned a lesson, that is, 'Youth is the gift of nature but old age is the work of art.'

4. Visit to the Orphanage

With the aim of bringing enthusiasm in the otherwise lonely minds, the other student society went to an orphanage named 'Shri Hindu Anathashram'. The members of the association collected gifts for distribution in the orphanage from the collage. At the Anathashram, they delivered motivational speeches, did counseling and enlightened the children. These children were also given basic knowledge of the networking society in order to make them aware of the advancing technologies. The team finally departed by being successful in achieving all of its goals.

5. Slum Area Visit

The aim of this visit was to experience humanity at the practical grounds. Here, the students got a chance to meet the future of India living in slums. Students counseled them about initiatives taken by central government regarding PMAY and slum free India.

6. Blood Donation Camp

Students of RCEW are highly motivated for this noble task by involving themselves in Blood Donation Camp organized annually in the institute.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

68

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - 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

3.4.3.1 - 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

9

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

295

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

3

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

5

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
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 institute possesses a well-developed infrastructure meeting the requirements stated by AICTE and the affiliating university. Institute has lush green atmosphere and completely eco-friendly. Natural lighting and ample air are provided to

the students making their academic atmosphere completely organic and enriching their learning experience.

- The Classrooms are spacious, and well built. Most of the classrooms are equipped with technology such as projectors and in some classrooms we have wireless microphones, sound systems, marker boards. Minimum electricity is consumed by classes as light and air is naturally available.
- The library is stacked with the necessary books pertaining to the syllabus as well as extra reference material. The students are permitted to borrow books as per the scheme and as required.
- Online resources that provide access to e-journals, e-magazines and research papers are made available to the students to update with the latest findings and studies. Students are also encouraged to watch NPTEL videos for enhancing the learning. Free lecture is allotted to each class so that students have easy access to browse, read and borrow books.
- Wi-Fi and LAN facilities are provided and internet for the students for instant accessibility of knowledge is issued. This allows students to surf the internet for academic purposes. The access however is monitored.
- For promoting self-learning, text books, reference books, IS codes, journals, e-books, e-journals, NPTEL local chapter, SWAYAM and some other online self-learning tools are available in central library. The central library is also having separate reading section.
- The laboratory is furnished according to the statutory norms. Keeping the curriculum in mind, the laboratory is equipped with resources for necessary procedures designed to dispense the practical knowledge of students for a hands on experience. All safety measures are taken. Lab assistants are present during all sessions to provide necessary support. The labs are maintained in clean and hygienic manner.
- Each department is equipped with sufficient number of computers. All departmental labs are installed with the prescribed software.
- Several other facilities such as the seminar hall, conference hall, library and many more are made available to the students to encourage them to participate in all events. These facilities are provided with a vision to help students to develop their academics and career through skill enhancement.
- To promote better teaching and learning, the Institute has facilities like LCD projectors, OHPs and also audio visual equipment through which webinars can be conducted. The college is having a digital library with 100 Mbs internet and Wi-Fi

facility, which is being effectively used by the students and faculty for their academic and research activity.

- All the class rooms are Wi-Fi enabled.
- Ergonomically designed furniture for the class rooms.
- State of the art equipment in the laboratories.
- Smart boards are available in the few class rooms.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://rcew.ac.in/gallery.php

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

- **We Believe in Swami Vivekananda Principle that "A sound mind in a sound Body".**
- **Extracurricular activities – The College is encouraging and providing facilities for students to participate in outdoor games like Basket Ball, Foot Ball, Volley Ball and Cricket, Indoor Games like Table Tennis, Chess and Caroms.**
- **Volley Ball Court: The Institution has a Volley Ball Court with confirming standards. Students use the same in the evening hours.**
- **Basket Ball Court: There is a basket ball court with confirming standard. Students avail the facilities in the evening hours.**
- **Sports: The College has always created a mark in the field of sports. The college has since long time, been participating in various intra/inter college, University level tournaments and**

National level competitions.

- **Outdoor Games:** A spacious play grounds are available for outdoor games like: Cricket and Hockey.
- **Indoor Games:** Facilities for the indoor games like Badminton, Table Tennis, Chess, Caroms etc, are also provided to students in the college campus.
- **Auditorium:** The College is having a modern, well equipped acoustic auditorium for workshops and seminars, invited talks, placement drives and cultural activities.
- **Cultural Activities:** The Institute has cultural club headed by a graduating students under the supervision of faculty members and all the activities are planned and organized under this club. The students are organizing & participating in many cultural activities like group songs, dance, skits etc., during Annual day celebrations held every year. The Institute has also been regularly participating in the zonal and inter-zonal youth festivals. On Annual Day function every year students participate with zeal in many cultural activities.
- **Yoga club:** The Institute regularly organizes yoga camps and special programs are organized on International Yoga Day i.e on 21st June every year.
- **Public speaking and communication skills development:** Career guidance cell of the institution headed by senior faculty member regularly organize Personality Development programs which involve various activities like public speaking and communication skills development to enrich the students.

- **Alumni Club: The Institute organizes Alumni meeting and special programs for alumni every year.**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://rcew.ac.in/campus.php

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

42

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://rcew.ac.in/NAAC/Naac-Doc/ICT_Enabled_Facilities.pdf
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)

21.06

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
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)

Well-equipped infrastructure goes hand in hand for imparting quality education. The central library has excellent collection of book titles, reference books, journals, databases, magazines. The central library is equipped with in house integrated learning management systems (ILMS) (Neolib), and digital library facility. Institute library is automated. User can search the library collection by *Title, Author, Publisher and Accession Number*.

The software is featured with the following 6 modules to facilitate all the essential functions of the library in a computerized environment.

1. Circulation
2. OPAC
3. Serials controls
4. Administration
5. Physical Verification
6. Reports

The reading room is well furnished to accommodate 100 students at a time and provides conducive learning environment for study. Exclusive reference section is available in the library. A visitors' registered is maintained for students.

New arrivals of books are displayed on separate stands and racks. Security of resources is ensured through a system of checking at the exit point for all resources used by the users. Students and faculty both are required to sign at the time of entry and exit. CCTV cameras are installed in the library for strict surveillance.

The Institute has a Library Committee. The composition of the Library Committee is as follows:

- Chairman - Head of Institution

- **Secretary - Librarian**
- **Members - Heads of various departments**
- **Student representative – Invitee**

The committee has taken up the initiative in collecting and development of e-Resources (Online journals, e- books and online databases) in particular, to meet the needs of the students and faculty.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://rcew.ac.in/e-library.php

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	No File Uploaded
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)

176745

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
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

30

File Description	Documents
Any additional information	No File Uploaded
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 is having a total 594 Computers with 04 servers to cater to the need of students and faculty. Institute is also having various Systems and Application Software. As and when the systems are obsolete, the Institute replaces them. Institute is having an Internet with 100 Mbps capacity .Campus is also having a Wi-fi facility to cater to the need of students and faculty, also surplus Ethernet ports are provided for laptops or other devices in need of internet connectivity. A separate team with in-house staff is formed to take care of the IT & related needs of the campus such as Software Development, Hardware & Networking, Website designing & hosting, Email solutions, SMS solutions, etc. Institute provides computing facility with required configuration for computer system and laptops. These are distributed among the various departments for academic and administrative work.

Key Features:

- Separate computer center, to facilitate internet access for all the students, staff and faculty members. This facility enables users to access meaningful information available online.
- Exclusive Language Laboratory having sufficient computers with related software which enable the students to learn life skills by improving pronunciations with proper accent which in turn helps them in overall personality development.
- LCD Projectors, Printers, Scanners, CCTV, Wi-Fi, LAN and

Internet facility etc. are also available for effective teaching learning process.

Digital section in Central Library with high speed internet connection helps the students and faculty to browse NPTEL lectures and videos, e-journals, e-magazines, e-newspapers etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

594

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
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)

26.04

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
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 has developed a standard procedure for utilization & maintenance of all physical, academic & support facilities available in the campus.

- **All Labs & Computer Center**

1. All labs in the institute are administered by department wise Laboratory In-charge (a faculty).
2. All maintenance requirements sent to maintenance committee after getting approval from HOD and Director
3. Upon evaluating the specific problem, Director forwards the application to Institute Maintenance Committee.

- **Utilization of support facilities:**

1. Requirement of the particular facility (e.g. seminar hall, laboratory, class room etc.) is to be forwarded by Head of Department to Director.
2. Director directs concern support facility in-charge to verify the availability of the existing resource and need of the facility demanded and accordingly permits the usage of the same.

- **Maintenance Committee**

1. The college Maintenance Committee that oversees the maintenance of buildings, classrooms, and laboratories.
2. The Maintenance committee is headed by the Registrar who in turn monitors the work of the Supervisor at the next level. The Supervisor is accountable to the Registrar and functions as the coordinator who efficiently organizes the workforce, maintaining duty files containing details about their individual floor - wise responsibilities, timings, leave etc.

3. This team also looks after the regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting, carpentry, plumbing and house-keeping.
 - House Keeping of classrooms, laboratories and the entire institute campus
1. Adequate in - house staff is employed to maintain hygiene, cleanliness, and infrastructure in the campus meticulously so as to provide a congenial learning environment.
2. Classrooms, Staffrooms, Seminar halls, and Laboratories, etc is cleaned and maintained regularly by Housekeeping staff assigned for each floor. Washrooms and restrooms are well maintained. Dustbins are placed in every floor.
 - IT Facilities
1. Technical staff work under the supervision of the Network Administrator maintains the efficiency of the computers, networking, and accessories.
2. The technical staff associated with the respective laboratories service the equipment to the extent possible. When they become non-serviceable, they report the matter to the faculty in-charge of the laboratory and he, in turn, refers the same to the HOD, who arranges to get them repaired. Annual physical verification of all laboratories and physical facilities is conducted by internal and external persons. The non-serviceable items in labs are write-off through proper procedures.
 - Electrical & other Equipments Maintenance
1. Institute's electrical maintenance team takes care of all the electrical peripherals, equipments, infrastructure and power related resources .
2. Periodic reporting on requirements of repairs and maintenance are submitted by the HODs to the Administrative office. The requirements are collectively processed in every semester break so as to keep things ready for the new semester.
3. The optimum working condition of all properties/ equipment in the campus is ensured through annual maintenance contracts (AMC). The AMC purview includes maintenance of Generator, Elevator, Air Conditioners, CCTV cameras, and Water Purifiers.
4. Monitor electrical equipment such as Generator, UPS, Batteries, EPABX monthly and enter the condition/Status of equipment in Logbook Call the contractor in case of a major

fault. The contractor analyses the fault and submit its report. If the replacement of any part is necessary then call the quotations purchase as per the centralized purchase procedure.

- Library

The Chief Librarian and their staff are responsible to maintain library books and records.

- Sport / Ground Maintenance

1. The sports grounds along with sports accessories and supporting accessories of indoor and outdoor games of RCEW are maintained by in house staff in coordination with Sports Officer
2. Instructor of Gymnasium takes care of equipments and if there is need of any maintenance/ repairs then outline maintenance procedure will be followed.

- Garden

The Green Cover of the campus is well maintained by a full-time gardener. Institute has employed a dedicated gardener who takes care of garden, lawn and the indoor plants placed at various locations in the institute.

- Canteen /Mess

Mess committee of the Institute takes care of all related issues including quality of food, price list, menu details and earmarked space for students, faculty and staff etc. This committee also makes frequent visits to canteen/mess for ensuring good quality of food and service in canteen.

- Hostel

The Institute has appointed Wardens and Peons for 24x7 to take care of hostellers. Hostel is governed by the rules and regulations set up by the Institute. A faculty member has assigned the responsibility as Hostel Administrator, who is also the Coordinator of Hostel committee.

Hostel Committee has also appoint students as floor incharge, they are the members of hostel committee. Hostel Committee keeps watch on the activities of the hosteller.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://rcew.ac.in/NAAC/Naac-Doc/Maintenance.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

19

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
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

283

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	Nil
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

File Description	Documents
Any additional information	No File Uploaded
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 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

A. All of the above

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	No File Uploaded
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

57

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	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

3

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
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

1

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	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.

2

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
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 institute has inclusive approach in both the academic and administrative functioning. It includes the active participation of students. This eventually improves the leadership qualities among the students.

- Well-structured student committees assist in the implementation of routine academic and administrative activities of the institute .
- It also includes the other major activities held annually such as Annual Day, Sports and Cultural Activities etc. Various departments have their students associations.
- The student council helps institute in bringing out the academic/ administrative problems as well as hidden talents of the department.
- Student are also members of the different professional bodies and represent MAISM.
- Members of every council are elected by interviewing them in the presence of senior faculty members.
- Placement activities of the Institution are mainly student driven. Students not only play an active role in inviting companies but also take care of hospitality and other arrangements during recruitment drive. These students work under the guidance of Training and Placement Officer.
- Students are also members of the committee like IQAC, Anti Ragging Committee, Library Committee, Cultural and Sports Committee, Hostel and Mess Committee, Institute Website Update Committee, Literary Committee, Technical Fest Committee among others.
- In COVID 19 Pandemic situation Student Council play an important role to coordinate students during online classes, placement activities, events such as Workshops, Webinars, Expert Lectures, etc.

General Constitution of all committees:

1. Director - Patron
2. HoDs - General Advisor for all committees.
3. Faculty Coordinator for individual committee.

4. Student Co-ordinators (Department wise for individual cell)**5. Student members (As volunteers for conducting different activities)**

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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****11**

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
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

A strong Alumni network is a testimony of success for an Educational Institution. The motto of the alumni association of RCEW is Connect-Foster- Prosper. Connect to each other and with the Alma Mater, promote learning, companionship, and feeling of oneness & prosperity at the same time.

It was founded in 2014 by the group of alumni graduating that year and is still around today. Association was set up with a purpose to

foster a spirit of loyalty and to promote the general welfare of institute from the desire for fellowship and the pull of an emotional bond with the college where the students spent the crucial years of lives.

The association provides a forum for the alumni to interact with the institute. Moreover, it also helps the alumni of the institute to reach out to other alumni across various years, batches, branches and interests.

The association helps the alumni to connect with the institution through "Reconnect" annual alumni meet every year. To maintain a good rapport with most of our pass outs and keep updated with the achievements of our Alumni. This year due to COVID 19 pandemic online alumni meet has been organized. College has also an online portal for alumni Registration.

Objectives:

- To develop and strengthen a feeling of fraternity amongst its members and the present students of RCEW.
- To conduct small informal group meetings of alumni.
- Organizing reunions on the college campus or other places every year.
- To form a link between its members, fresh graduates, present students and representatives of industries, associations etc.
- To organize talks, workshops, seminars, group discussions etc. on matters of topical interest.
- To support college in all the aspects like various interactions, Open House, student summer training, placement drives and Entrepreneurship development activities.
- To set up and maintain a structure for the betterment of the institution, students, Alumni, libraries, information, services, Placement Cell and Entrepreneurship Development Cell.

Benefits:

- **Training & Placements** - The alumni network of the institute is one of the biggest sources of training and placement opportunities to the students. Alumni helps the students to get placed in their respective organizations. Alumni who have founded and established successful start-ups come back for recruit
- **Mentorship** - Our Alumni play an active role voluntary in various programmes like mentoring students in their areas of expertise, Annual Day, Management Fest etc.
- **Career Guidance** - Alumni is a huge talent pool whose guidance is beneficial to many students and other fellow-alumni in their respective areas.
- **Networking Platform** - Alumni network by itself is one of the best professional networking platforms available today. Alumni work as backbone for Industry Institute Interaction.

File Description	Documents
Paste link for additional information	http://rcew.ac.in/DOC/alumnicertificate.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) C. 3 Lakhs - 4Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

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

Mission

To create technical manpower for meeting the current and future demands of industry. To recognize education and research in close

interaction with industry and emphasis is given on the development of leadership qualities in the students entering the portals of the Institute with sensitivity to social development and eye for opportunities for growth in the international perspective.

Vision

To continue to be one of the world's leading engineering institutes in both educational and research and achieve greater recognition for our efforts in our chosen fields of endeavor. The world will look up to us for future trends and innovations in education, research, and technology. The college will build on its traditions of innovation, problem solving, and interdisciplinary collaboration to meet the changing needs of the society.

Quality Policy

RCEW team is committed to achieve quality as an integral part of our institution policy by continuous self- evaluation and striving to improve ourselves.

- The emphasis on the innovative teaching, continuous monitoring, evaluation through tutorials, laboratory classes and participation in co-curricular activities.
- To generate social consciousness among the upcoming technocrats / managers to meet the challenges of society and the world at large by accelerating ethics and value education.

The unique characteristics of the Institute are defined in the mission as follows:

- The Institute has a mission to impart knowledge based quality education for the holistic development of students thus making them capable of being better employable in the highly competitive career market.

- The Institution focuses on all three curricular, co-curricular and extracurricular activities for students. The curriculum followed here helps to enhance and empower the professional knowledge base of students through a unique value system, transparent work culture, and excellent academic and physical environment.

- The Institute supports dynamic learning through projects and seminars. Institute organizes Industry- Institute interactions to explore the recent trends in technology. Institute ensures the project based learning, creativity and technology transformation, implemented through organizing various international, national level conferences, workshops, STTPs, management festivals, and various programs to explore which creates environment for patent filing by staff and students.

- This strategy helps to generate, preserve and share knowledge for developing a vibrant society, by imparting quality education. Institute not only support the students for curriculum but also arranges personality and skill development (PSD) classes, GATE classes, beyond syllabus experiments in every lab, off-syllabus projects and special trainings, for making the students competent in global scenario.

- Institute supports up-gradation of faculty members through organizing regular faculty development programs (FDPs), promoting higher education/research activities and participation of faculty in conferences, STTPs at reputed colleges like IIMs, IITs and NITs.

- In the beginning of every semester the HoDs' submit the planning of semester, where new labs/books/new equipments are proposed. The complete planning is made by the discussion with faculty of department. The allocated budget is judiciously distributed amongst the available requirements.

- Institute promotes up-gradation of existing physical/technical facilities through allocating budget. The budget is utilized judiciously for improvement in current facilities.

File Description	Documents
Paste link for additional information	http://rcew.ac.in/mission.php
Upload any additional information	No File Uploaded

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

Institute has a decentralized mechanism for delegating authority and operational autonomy to all the functionaries to work towards decentralized governance system. Director, Faculty Representative, and all stakeholders of the institute are the member of Managing Committee and participate in institutional decision making. IQAC Cell has also constituted as per NAAC guidelines, it includes representatives of parents, teaching, non teaching staff and society.

The management provides academic and administrative leadership to the faculty in various ways. Director and Head of Departments are authorized to carry out the staff selection process and shortlisted candidates are recommended to the management for new appointments.

The Management of the Institute has provide the financial powers to the Director up to Rs.50,000/- and Head of the Department up to Rs.20,000/-.

Head of the Department is empowered to allocate specific subjects to appropriate faculty for the betterment of students and to get quality results. Apart from the academic workload the Head of the Department can also assign few administrative duties to the individual faculty based on the ability and the leadership qualities of the individuals. Head of Departments can frame strategies for maintaining discipline & attendance, conducting events like seminars/workshops, guest lectures, industrial visits and training programs.

Every faculty is given complete freedom to decide the suitable teaching methodology of his/her choice by understanding the time frame and evaluation mechanism. Faculty is given freedom to carry out higher education including Doctorate. They can recommend books

to library.

The management encourages the faculty members to work on various key positions of University committees including research committee. The members of various committees are authorized to take independent decisions for its effective functioning.

Faculty/staff members actively participate in implementing the policies, procedures, and framework designed, in order to maintain and achieve the quality standards.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

RCEW Strategic Plan Following Targets:

- Develop, strengthen, and implement academic programs that are responsive to the RCEW's mission and are systematically reviewed for sustained quality, relevance, and excellence to meet the challenges of a highly competitive and global workforce.
- Enhance institute infrastructure to accommodate increase in intake, research, economic development, technology development and transfer; contribute to an enhanced quality of life in the region; and facilitate sustainable domestic and international economic development and competitiveness.
- Promote and sustain a campus environment that supports a high quality of life and learning that positively impacts retention through graduation and produces knowledgeable and culturally competent citizens able to lead effectively and compete globally.
- Improve academic interaction and participation of institutes / universities of national and international eminence in order to facilitate learning, innovation and research.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://rcew.ac.in/mission.php
Upload any additional information	No File Uploaded

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.

ADMINISTRATIVE SETUP:

With the hands-on experience of the management, the Institutional Management is designed in a scientific way with transparency to get the optimum results out of it. A hierarchical sets up is established from top management to down the level clearly demarking the Duties, Responsibilities, Accountability and Authorities at every stage. Rajasthan College of Engineering for Women, Jaipur has been established in 2002. It has a Governing body to monitor and achieving the vision and mission of the institution. It has an effective organizational structure which monitors and improves the institution.

Organizational Structure :

To ensure smooth and efficient functioning of the institutions, the officials shown in the chart below will form part of the Top Hierarchy and all other Faculty, Administrative Staff, Technicians and lower staff will be guided and supervised by the former. The latter in turn will be responsible & accountable to the former.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	http://www.rcew.ac.in/images/Organizational_Chart.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	No File Uploaded
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
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

The Institute always strives to motivate and empower the faculty to create sense of direction and positive awareness in all the departments through the teaching learning processes by: Sponsoring them to attend various programmes like National / International conferences, workshops, STTPs and FDPs carried out at different reputed institutes. Institute implements following welfare measure for faculty and non-teaching staff. It has been a tradition of RCEW to appreciate the utmost efforts of its hard working faculty member and technical staff member for their supreme support. To appreciate their valuable efforts and contribution to the college, a felicitation programme is conducted on either Independence Day or Republic Day, and the faculty & staff member are awarded as per defined parameters.

Faculty:

- Motivates and deposes faculty for pursuing higher education.
- Encouragement for the faculty for attending workshops, conferences, seminars, short term courses and faculty development program.
- Encourages the faculty to become members of professional bodies and to participate in the activities organized by them.
- Encourages the faculty to undergo industrial training and visit the industry of their domain. Encourages the faculty to receive research grants for their projects and provides support.
- Promotes and motivates the faculty to use the ICT tools in their teaching-learning process.
- Encourages the faculty for publication of research papers in reputed Journals/conferences.

Non-Teaching Staff

- Institute organizes training programs as per the need for skill development of non-teaching staff.
- They are encouraged to participate in the organization of technical and management events.

The other welfare provisions made for both faculty and staff as described as below:

1. Provident Fund.
2. Medical Insurance of Rs. 1, 00,000/- with major contribution (60 %) in its premium.
3. Leaves (Casual, Earned, Medical, Vacation and Academic) as per University norms. Also provision for study leave.
4. Maternity leaves for female faculty and staff.
5. Free transport facility.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

2

File Description	Documents
Upload any additional information	No File Uploaded
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

25

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
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

513

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
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

Faculty/staff appraisal process at RCEW has been a critical exercise for ensuring faculty satisfaction and a means of retaining talent. Under the policy of performance appraisal wherein weighted average against performance is clearly indicated through the performance expectations set for teaching, research and institutional contribution.

Institute recognizes the excellence through the annual appraisal mechanism. A 360 degree appraisal system is followed in which subordinates, co-workers, and Director all anonymously rate the faculty.

Teaching staff:

- Faculty members set goals in terms of teaching ability, intellectual capital such as research, consultancy, and contribution in institutional development in consultation with the department head and Director that are aligned with growth

map of the Institute and the department.

- Information is captured primarily through self-appraisal forms that are designed as per UGC guidelines. A self-appraisal form includes the details of academic, research and special achievements.
- The appraisals are made with respect to the outcome of the goals set by each faculty member. Appraisal method includes self-rating, student rating through feedback mechanism, HOD rating and Director rating.
- Appropriate measures are taken to normalize the assessments of faculty across departments.
- All faculty members are intimated on the outcomes of appraisals that identify the strengths of a faculty, student feedback, peer feedback and areas to improve that helps faculty in enhancing their skills and focus on improvising on weaknesses, if any.
- A probation period of 1 year is there for new recruits and they are regularized after a comprehensive review of their performance and contributions.

Non-teaching staff:

1. Similar appraisal process is followed for non-teaching staff with different assessment criteria that best fit their job profiles and descriptions. The Non-teaching staff review cycle is also set for every year.

Based on the objective evaluation of qualitative and quantitative aspects of performance, faculty/staff members are rewarded with hikes in salary, assigning new job responsibilities and promotions at appropriate phases.

File Description	Documents
Paste link for additional information	Nil
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

The institute has a mechanism for internal and external audit. We have our own internal audit mechanism where internal audit is an on-going continuous process in addition to the external auditors to verify and certify the entire Income and Expenditure and the capital expenditure of the institute every year. Qualified external auditor (C.A) have been appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year.

Likewise an external audit is also carried out on an elaborate way on yearly basis. The institutional accounts are audited regularly by both internal and statutory audits. So far there have been no major findings/objections.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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)

15 lakh

File Description	Documents
Annual statements of accounts	No File Uploaded
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

Rajasthan College of Engineering for Women, Jaipur is a self-financed institution, where the funds are generated through the fees paid by the students. Deficit is managed by taking advance from the parent trust. Additional funding is obtained from faculty members

through Research proposals. These funds are utilized for the research and laboratory development.

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources for the development of the academic processes and infrastructure development.

- Institutional budget is prepared by Accounts department every year taking into consideration of recurring and non-recurring expenditures.
- Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year. Along with this all coordinators of different cells R& D Cell, Exam Cell, T&P Cell, NSS Cell, etc. are instructed to submit their budget to Account office.
- All the major financial decisions are taken by the Director and Accounts department with the consent of Management of college.
- As and when urgent requirements arise it is given after sanctioned revived from accounts office.

All the major financial transactions are analyzed and verified under following sections:

- Research & Development
- Training & Placement
- Software & Internet charges
- Library Books / Journals
- Repair & maintenance
- Printing & stationary
- Equipment & Consumables
- Furniture & Fixtures

1. Institute adheres to Utilization of budget approved for academic expenses and administrative expenses by management.
2. After final approval of budget the purchasing process is

initiated by purchase committee which includes all head of departments and account officer, accordingly the quotations called and after the negotiations, purchase order are placed.

3. The payments are released after delivery of the respective goods. It is done as per the terms and conditions mentioned in Purchase order.
4. All transaction has transparency through bills and vouchers. The bill payments are passed after testing & verification of items. Only authorized person operate the transaction through bank.
5. Respective faculty member ensures that whether suitable equipment/machinery with correct specification is purchased.
6. The entire process of the procurement of the material is monitored by the Purchase committee and Director at institute level and then the finance department at corporate office level.
7. Financial audit is conducted by chartered accountant every financial year to verify the compliance.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Rajasthan College of Engineering for Women (RCEW) caters to the academic requirements of students not only through insight filled classroom teaching, but also by ensuring quality enhancement in every sphere of the institution and student's life on the campus. The Internal Quality Assurance Cell is an immensely alert entity of RCEW that takes care to

provide the best quality inputs on campus. All activities of the IQAC have proved to be immensely satisfying and beneficial to students and faculty alike. The IQAC plays an important role in ensuring quality of the functioning of administrative and academic units of the college. The IQAC continuously reviews the functioning of the various departments and facilitates necessary changes as and when required. The college has developed quality assurance mechanisms within the existing academic and administrative system. They include:

Ø Establishment of TQM team

Ø Self appraisal by faculty, evaluation of academic and administration of the college by various stakeholders.

Ø Redressal of student grievances

Ø Ongoing evaluation and updating of curriculum

Ø Periodic reviews of the functioning and progress of various academic and co-curricular programs.

Ø Exit interviews for outgoing students to elicit feedback that can help formulate corrective measures in the light of experiences of the students who graduate out of this institution.

Ø Seminars and workshops are conducted by the college where eminent scholars, professors and noted industrialists present papers and participate in discussions.

To ensure quality in administrative functions of

the college, proper delegation of tasks and promoting a culture of clear communication regarding areas of responsibility accountability is practiced.

IQAC (Internal Quality Assurance Cell) - Compositions

S.No	Category	Name	Designation
1	Head of the Institution	Dr. Arihant Khicha	Director
2	NAAC Coordinator	Ms. Manju Mathur	Asst. Professor
3	IQAC Coordinator	Mr. Roshan Jain	Asst. Professor
4	Senior administrative officers nominees	Mr. Mona Bhalla	Administrative M
		Dr. Roshan Choudhary	Administrative M
5	Faculty Nominees	Mr. Vinod Todwal	Member
		Mr. Mahesh Kumar Sharma	Member
		Mr. Nitesh Pathak	Member
		Mr. Jitendra Singh Rajawat	Member
		Ms. Anuradha	Member
		Mr. Vineet Khanna	Member
		Dr. Seema	Member
		Mr. Subhash Chandra	Member
6	Nominee from Management	Ms. Beena Singh	Chairperson
7	Nominees from Students and Alumni	Ms. Varsha	Alumni Member
		Ms. Yashi Mehta	Student Member
8	Nominees from Employers / Industrialists/stakeholders	Dr. K.K. Lavania	Employer Member
		Mr. Ashok Kumar Singh	Parent Member
9	Nominees from Other Institute	Dr. Ashok Kumar	Member

IQAC (Internal Quality Assurance Cell) – Goals And Objectives

Autonomous Status and Curriculum Development

- To implement Choice based credit system in the college.
- To assess the level of attainment of vision and mission, PEOs, POs once a year and COs once in 6 months for all programs
- To conduct academic audits for all programs at least once a year
- To introduce and implement industry link Project during 8th semester for all branches

Staff Development

- To organize a minimum of two pedagogical training programs per year for new teaching faculty and for those who require additional training

- To organize at least one common skill-development program per year for the supporting staff

Teaching–Learning Process

- To review student performance mock test will be conducted for all departments
- To attain 100% utilization of the digital learning platforms (Moodle/Blackboard/LCS) by all teaching faculty.
- To register and complete at least two relevant MOOC courses/ 1 MOOC course and 1 FDP/industrial training by all teaching faculty per year
- To appoint two adjunct faculty from industry for every program.

Co-Curricular Activities

- To organize one international conference every years such that major disciplines have a conference once in 3 years
- To conduct classes for national level competitive exams like UPSC, GATE etc and to ensure that 2 students from each department clear the exams successfully

Extracurricular Activities

- To Periodically carryout extra-curricular activities through, NSS, Unnat Bharat and other college/ department Clubs
- To be conducted sports meet once in a year and encourage students to participate in National / International tournaments.

Infrastructure Development

- To follow up on the construction / maintenance work of college.
- To form a Purchase - Executive committee and conduct purchase approval meeting once a year for carrying out budget utilization and infrastructure maintenance

Placement

- To achieve 95% campus placement of eligible & interested candidates by June-August every year with an average student's salary of 4 Lakhs every year

R&D, Industry- Institute Interaction, Continuing Education, Consultancy, Incubation

- To sign MoUs or enter into collaborations with a minimum total of ten industries for mutually-beneficial interaction and organize at least 10 joint programs
- To organize a minimum of 40 continuing education courses / programs for the benefit of society in the region and generate revenue through Continuing Education Centre
- To achieve R& D grants and revenue generation through consultancy, training and testing services etc

Accreditation

- To get accreditation for the UG programs of Civil, CSE, ECE & IT and PG programmes MBA and MCA

Role & Responsibilities of the Coordinator of IQAC Cell

- To coordinate the dissemination of information on various quality parameters of higher education.
- To coordinate the documentation of the various programs / activities leading to quality improvement
- To coordinate the quality-related activities of the institution
- To coordinate in preparation of the Annual Quality Assurance Report (AQAR) to be submitted to NAAC based on the quality parameters.

- **To coordinate the timely and efficient execution of the decisions of IQAC committee.**

File Description	Documents
Paste link for additional information	http://rcew.ac.in/NAAC/Naac-Doc/IOAC_Formation.pdf
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 IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process.

The Academic Calendar is prepared in advance, displayed and circulated in the Institute and strictly followed.

Admission to various programmes, summer, winter and mid-term vacations, examination schedule and declaration of results are notified in the Academic Calendar.

All newly admitted students have to compulsorily attend the Orientation Programme, in which they are made aware of the philosophy, the uniqueness of the Education system, the teaching-learning process, the system of continuous evaluation, compulsory core courses, various co-curricular activities, discipline and culture of the Institute. All students are also given a guided tour of the campus and the various facilities.

All students are provided with the all details relevant for students.

Students are apprised of the Time-Table, Programme structure, syllabi of the courses before the semester commences.

Important announcements are made in the morning assembly and attendance and conduct of classes are monitored by the Deans of faculties, HODs and proctors of various classes.

The Chief Proctor and the Discipline Committee members make random visits to ensure smooth functioning of classes.

Class Committees are regularly conducted with students to take feedback and appropriate steps are taken to enhance the teaching-learning process.

Feedback from students is also taken individually by teachers for their respective courses, by Proctors, directly through IQAC. Students are also free to approach the Director of the Institute for feedback and suggestions.

Feedback is properly analyzed and shared with the Director, Deans, HODs and individual faculty members.

The teaching-learning processes are reviewed, and improvements implemented, based on the IQAC recommendations. The major initiatives taken over the years include the following:

- Introduction of Home Assignments
- Automation of Admission Processes - Provision for online fee payment
 - Automation of Examination Processes
- Curriculum Development Workshops in many subjects
- Green initiatives in Campus – tree plantation, solar photovoltaic power plants, e-vehicles etc. sssss
- Application for ISO and NACC Certifications.

The internal quality assurance cell (IQAC), its focus on improvement of quality is being done by various methods. For this 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.

Academic review in beginning of the session- There are 3 main meeting of

academics is organized in a semester. First-at the beginning of the semester, second- after mid term & third, at last of the session. In this meeting the internal examination committee, HoDs of the departments, and college faculty meets. At the beginning of the new session, a new time-table is prepared, the academic calendar of the university and college is discussed, and other committees for the college activities are constituted. Also, a discussion by HoD's on Result analysis is done in front of the Dean academics. Before annual examination, the instructions to invigilators, superintendent, workers and examination committee members are given by the examination center superintendent

File Description	Documents
Paste link for additional information	Nil
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 agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://rcew.ac.in/NAAC/Naac-Doc/ISO%20Ceritificate.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
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

Rajasthan College of Engineering for Women, Jaipur was established with the aim to promote / upgrade the status of women in the society by imparting the education. The institution promotes gender sensitization through co-curricular activities like workshops, seminars, guest lectures, street plays, poster making, exhibitions, counselling etc. The institution organized 'Self-defense training' for the girl students of the institution. Awareness programs like importance of human rights, Rights of Women in Domestic problems, Cyber security awareness programs related to the safety and security of women employees and students are conducted periodically. The institution provides special attention to girls students and women employees not only in terms of basic necessities but also with several awareness programs. The institution organises different activities, training programmes, awareness programs, workshops, guest lectures with students, staffs and in society on different woman's issues. The institution constituted the following committees as per norms laid by AICTE & RTU, Kota:

- Grievance Redressal Committee,
- Anti-Ragging,
- Anti Sexual Harassment Cell,
- Discipline Committee,
- Women Cell
- SC /ST Students Welfare Committee,

and Mentoring Programme cares for the well-being of students and staff in the institution. The functions of these committees are

displayed on the website of the institution and information is being disseminated to the students through orientation and induction programs. The institution provides safety and security facilities for the staffs and students such as CCTV Surveillance throughout the campus and security arrangement. Students wear ID cards at all times and outsiders are checked by security staff before allotting visitor IDs. The institution has a dedicated Counselling Centre and good mentoring system for the students to take care of their academic, emotional, social and cognitive development. Personal Counselling is provided to the students at different levels. There are separate washroom facilities for Female and Male. Washrooms are provided with sanitary napkin vending for the safe and hygienic disposal of sanitary napkins.

File Description	Documents
Annual gender sensitization action plan	Nil
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	http://rcew.ac.in/gallery.php

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

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

Rajasthan College of Engineering for Women, Jaipur has deep concern to protect environment, health and well being through implementation of effective waste management practices such as segregation, recycling, and composting. Awakening to control 'throw-away' life

style and grow consciousness of generating less waste among students, staff and faculty members has also been adopted. Our house keeping staff, gardeners and sweepers help in segregation of waste.

Solid Waste Management:

- Waste like plastic, metals, glass, cardboard, newspaper and stationery are systematically collected, segregated and sold to authorize vendors for its recycling.
- College adopts almost paperless concept by digitization of office procedures through electronic means via WhatsApp email and Google classroom; thus, reducing paper-based waste and reduce carbon dioxide emissions.
- Use of paper printed on one side is encouraged in sending fax, print drafts before final document, meeting minutes, memos and notes in office practices as environmentally preferred alternative to waste management to reduce pollution.
- Students are encouraged to use waste paper and newspaper in creative practices during various extracurricular activities.
- Dustbins have been installed throughout campus for waste segregation.

Liquid Waste Management:

- Liquid waste released from hostel, mess and cafeteria reaches to Sewage Treatment Plant (figure 7) through mud pumps installed at three main locations. After separation by air pumps, treated water is used for watering the plants.
- Uniform distribution of water and best efficiency is adopted through sprinkler irrigation.

E-Waste Management:

- Electronic gadgets are repaired for minor defects by our lab technicians to ensure its optimum utilization
- The electronic waste components such as computer system components, CPU and ICs are used in practical demonstration to our students.
- Some of the reusable electronic components like resistors, capacitors, inductors, diode, transistor, thermistors etc. are removed from the gadgets and used by students in making projects.
- Students are also made aware of E-Waste issues and its safe disposal.

Waste Recycle System

- Paper waste is sold out for its recycling in paper industry.
- Cement concrete cubes as a waste of Concrete Lab are used as pavers in campus.
- Vermicomposting used to recycle solid waste, peels of vegetable and food waste.
- Food Waste is taken away by local people to feed their cattle.
- Liquid Waste after proper treatment used in irrigation.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	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	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: A. Any 4 or All of the above

- 1.Restricted entry of automobiles
- 2.Use of bicycles/ Battery-powered vehicles
- 3.Pedestrian-friendly pathways
- 4.Ban on use of plastic
- 5.Landscaping

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

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

D. Any 1 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

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	No File Uploaded
Any other relevant information	No File Uploaded

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).

To build a nation of youth who are noble in their attitude and morally responsible, Rajasthan College of Engineering for Women, Jaipur organizes and conducted several activities to build and promote an environment for ethical, cultural, and spiritual values among the students and staff. To develop the emotional and religious feelings among the students and the faculty, commemorative days are celebrated on the campus with the initiative and support of the management for not only recreation and amusement but also to generate the feeling of integrity and social harmony.

The institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination. Though the institution has diverse socio-cultural background and different linguistic, we do not have any intolerance towards cultural, regional, linguistic, communal socio economic and other diversities. With great fervour the national festivals, birth anniversaries and memorials of great Indian personalities like Mahatma Gandhi Sardar Vallabhbhai Patel, Pandit Jawaharlal Nehru, Dr. Bhimrao Ambedkar, Sarvepalli Radhakrishnan, Lal Bahadur Shastri.

The college and its teaching staff jointly celebrate the cultural and regional festivals, like New-year's day, Fresher Party ,Teacher's Day, Orientation and Farewell Program, Induction Program, rally, oath, plantation, Youth day, Women's day, Yoga day, Festivals like Diwali Mela celebration, Holi Milan celebration, New Year celebration, Lohri celebrations, etc. religious ritual activities are performed in the campus. Motivational lectures of eminent persons of the field are arranged for all-round development of the students for their personality development and to make them

responsible citizens following the national values of social and communal harmony and national integration.

Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students. In this way the institute's efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities.

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	No File Uploaded

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

Rajasthan College of Engineering for Women, Jaipur is always aware to sensitizes the students and employees to constitutional obligations about values, rights, duties and responsibilities and constantly works upon to nurture them as better citizens of the country through various curricular and extra-curricular activities. The college curriculum is framed with courses like Gandhian Economic Thought, Moral Philosophy, Practical Ethics, Value Education, Philosophy of Human Rights and Applied Philosophy as a small step to inculcate constitutional obligations among the students.

The institute hoists the flag during national festivals and invites eminent persons to inspire students and staff by informing the qualities of freedom fighters and to emphasize the duties and responsibilities of citizens. The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules. The institution encourages participation of students in Sports and Games. The institution takes pride of raising up successful leaders among the students. Staff members participate in the national celebrations, Flag Day and take oaths for the cause of the nation. The institution takes many initiatives like conducting awareness campaigns, organizing orientation programmes, training programmes, seminars and workshops to sensitize the future leaders to inherit human values coping with the constitutional obligations.

Ethical Values, rights, duties and responsibilities of citizens are some of the topics that are enlisted in Elocution/ Debates activities. The institution has strived forward with great effort to increase the level of awareness and appropriate practices amongst the students in the following areas: Fundamental Duties and Rights of Indian Citizens: The students have enthusiastically participated in various activities like seminar, conferences, expert talks, poster making competition, competition on various contemporary legal issues. Legal awareness camps to impart awareness of such issues etc. Constitutional Obligations: The institution celebrates the Constitution Day on an annual basis and thus contributes to the spreading of Constitutional values and ideals amongst students.

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

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 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	No File Uploaded

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

festivals

Rajasthan College of Engineering for Women, Jaipur always believes in celebrating events and festivals in college. It is an integral part of learning and building a strong cultural belief in a student. The College makes tremendous efforts in celebrating the national and international days, events and festivals throughout the year. In academic year 2020-21, we celebrated the following days :

S.No.	Event Name	Date
1	Environment Day	5/7/2020
2	Independence Day	15/8/2020
3	Birth Anniversary of Dr. Sarvapalli Radhakrishnan	5/9/2020
4	Mahatma Gandhi Jayanti	2/10/2020
5	National Unity Day	31/10/2020
6	Republic Day	26/1/2021
7	Women's Day	8/3/2021
8	International Yoda Day	21/6/2021

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	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best Practices

Best Practice 1:"Inclusion of Human values and Ethics amongst students, through compulsory Courses and activities."

The knowledge and practice of human values and ethics is imparted through the regular theory and practical courses offered by the affiliating university. In addition to this, regular sessions are being organized to inculcate human values and ethics among students and staff. These courses and regular activities foster a strong

sense of ethical judgment amongst students.

Best Practice 2: "Academic Audit by competent assessors to find the areas for further improvements".

In order to ensure continuous improvement in the teaching learning skills and academic performance of faculty members, the institute conducts an academic audit of all faculty members during each mid semester where lecture notes, deployment, course outcomes, tutorials sheets & solutions, lab manuals/records, lab record are vetted by senior faculty members including Director. The notable fact about this process is its congeniality and ease which gives space to every individual. This whole process is carried out in a very healthy and cordial atmosphere.

Students play a vital role in the evaluation, development and enrichment of the quality of this learning experience. Feedback from students about teaching-learning and other facilitates of the institute is conducted in every semester, to improve the quality of delivery based on the feedback.

Best Practice 3: "Extension Activities"

RCEW has adopted the nearby village 'Sirsi', where round the year students of RCEW educate the children of mostly wards of labour class and then every year a camp is being held to educate villagers about healthy living, saving the girl child, education for all and thus contributing in the holistic development of the school going children and their parents.

File Description	Documents
Best practices in the Institutional website	http://rcew.ac.in/NAAC/Naac-Doc/Best_Practices.pdf
Any other relevant information	Nil

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 vision statement of the institute is "To contribute towards the objective of Nation building by offering Quality Higher Education and promoting a culture of Research & Innovation, for the betterment of mankind."

In this process, an innovative approach of teaching-learning of technical and management subjects of the latest development is adopted and implemented. Students have taken active part in various technical and management competitions through institute. The continuous evaluation system is followed for assessing the performance of student in each course. Attainment levels are decided by the institute in achieving Course Outcomes, Program Outcomes and Program Specific Outcomes. The students undergo internship and take field/in-house project related to their area of interest.

Good communication skill becomes a major and important aspect in the program of global business. Special care has been taken to build a language lab. The art of communication in technical and business English which has become an important aspect is taught by good faculty with international approach. It covers both oral and written communication along-with personality development are sessions are taken in a friendly way so that students are mentally and physically prepared for any kind of job in the international market.

In addition to this, special training programs on life-skills and aptitude are conducted through external agencies. E-learning resources are made available through digital section of the library.

Taking care of the need of the corporate, courses beyond syllabus are also taught.

Established in year 2002, Rajasthan College of Engineering for Women is promoted by Chandrawati Education Society with the aim to enable the girl empowerment through technical education which will help students to unchain barriers to reach greater heights. College provides one of the best environments for overall development of its students with a testimony of getting its students selected in TOP-10 of RTU academic topper list. College is fully residential with a hostel capacity of more than 1200 girls with all facility available inside campus. The college has bus service at intra-city level and with rail, road and air at intercity level. RCEW's strive towards exceptional academics is fulfilled by our brilliant faculties who are regularly proving their results in the form of regular RTU merit holders, continuous academic toppers, brilliant placement record. The College enjoys an enviable reputation among the leading companies such as Goldman Sach, Microsoft, BOSCH, John Deere, SAP Labs, AEECOM, IBM, CAPGEMINI, Directi, SABRE, Grey meter, Daffodil and lots more.

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

Rajasthan College of Engineering for Women (RCEW), Jaipur is affiliated to Rajasthan Technical University (RTU), Kota and approved by AICTE, New Delhi. It is a women only Institute. Being an affiliated institute, RCEW implements its curriculum prescribed by Rajasthan Technical University (RTU), Kota for its Under Graduate (UG) and Post Graduate (PG) programs. The institute prepares academic calendars in line with the academic calendar of the university and imparts knowledge and value based quality education utilizing the best resource potentiality of the institution. The institution in accordance with the prescribed curriculum and academic calendar has developed a mechanism for structured and effective implementation of the curriculum so that its students are socially, mentally and technically ready to face upcoming challenges in all wake of life. Following process is followed for effective curriculum delivery:

1. As per subject expertise and interest of faculty, the curriculum workload is distributed. Difficult subjects are allocated extra periods right from the beginning. A subject allotment form is distributed and faculties are required to fill subjects as per their expertise and interest.

2. Meetings among Director, HoDs and faculty members are conducted before load distribution and commencement of the semester to streamline the teaching learning process

3. At the beginning of the semester, every faculty prepares a lesson plan, and syllabus is deployed as per the time-table and academic calendar. Faculty prepares their course plan in-line of academic calendar containing specified events. Syllabus is classified into three categories viz. A, B and C. A indicates challenging/ tough concepts. B indicates average and C indicates easy concepts.

4. Subject wise course files are prepared by the faculty. The course file contains list of POs, PSOs, COs & their internal mapping, university syllabus, its deployment, Tutorial sheets & their solutions, solutions of mid- term & university question

papers, subject notes and handouts.

5. The faculty delivers lectures through PPTs and organizes video lectures for the students is commonly shared within the offices through email when needed. HR module: In this, staff details like staffs appointments, joining of staffs, salary attendance vouchers, leave module of staff from where staff can apply leave online through their personal login College office: The offices use the digital platform for communication with the University and other academic bodies. Departments: every department maintains depository of documents related to the record of the students, staff members and the activities and programmes of the department. The departments send the reports or data to the offices or to the authorities through email whenever demanded. The network of systems is connected to a server from which the data can be easily extracted whenever needed. i.e. faculty make effective use of ICT for better delivery of lectures.

6. For ensuring the adherence of academic policies of the institute, academic audit cell comprising of senior faculty conducts audit of the lecture and lab courses taught by the faculty supported with regular directors meetings to review academic progress, student's attendance and syllabus completion status.

7. Feedback about effectiveness of the faculty in the classroom is taken through online feedback system having questionnaire like Teaching competencies and effectiveness, lab deliverables, classroom Self Study Report of RAJASTHAN COLLEGE OF ENGINEERING FOR WOMEN communication etc. Senior faculty members, HODs and Director for regular monitoring, also take indirect feedback. Students also give feedback to the mentors during their meet.

8. Student attendance is closely monitored through an online/offline attendance management system. Parents informed about their ward's attendance through SMS/ telephone call. Attendance defaulters are regularly counseled.

9. Effective delivery of curriculum is supplemented with expert lectures, seminars, workshops, industry visits/ internships, hands-on sessions, case studies, e-learning, assignments, internal tests, FDPs etc. Contents beyond curriculum are identified and taught through workshops.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://rcew.ac.in/AcaCal.php

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

RCEW has gained its unique position among peer institutions through meticulous planning and executing the Teaching-Learning processes. Academic calendar is prepared and circulated in advance to all concerned. Preparation of Academic Calendar

- Institute publishes academic calendar per semester for all departments with reference to university (RTU) calendar. This calendar is communicated to all faculty, staff and students through Notice Boards/ Website.
- Along with academic calendar institute publishes its Holiday calendar with aspect to holidays declared by university and local administration.
- All the faculty prepare a syllabus deployment schedule and ensure the effective and timely completion of subject syllabus well before the respective Examinations.
- Course completion status is discussed in the departmental meeting and the meeting of HOD with the Director. The lagging subjects are allotted extra classes so that the required syllabus can be completed before the date for commencement of Midterm examination.
- As per the dates mentioned in the academic calendar Examination schedule is prepared and circulated by the examination cell at the Institutional level.
- The affiliating university has a procedure in place to submit the marks of internal assessment (both theory and practical Examinations) online and gives deadlines for each semester after which the portal is closed.
- Adherence to the academic calendar for the conduct of

Continuous Internal Evaluation and also for the submission of the marks.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://rcew.ac.in/AcaCal.php

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

C. Any 2 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

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

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

10

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year	
1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)	
6	
File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
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	
61	
File Description	Documents
Any additional information	No File Uploaded
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	
<p>Cross-cutting issues like the environment and gender equality are relevant to all aspects of development. Mainstreaming of cross-cutting issues is done by including various courses on these issues in the curriculum at UG and PG level. In addition to these courses, courses on Human values & Professional Ethics are given ample scope and are part of the curriculum. As mentioned, these cross cutting issues are imparted in the form of compulsory subjects as a part of curriculum by the affiliating university. There are various courses in different programmes on Environmental Science and Human Values & Professional Ethics in various semesters specified by the Rajasthan Technical University (RTU). The concerned courses are mandatory for UG and PG students.</p>	

The college has taken various initiatives in the teaching-learning process to supplement the University's curriculum and to make students' orientation positive about these issues. Various activities like guest lecture of eminent personalities hailing from industry and academia, various competitions and workshops, among others are organized with regard to delivery of the these courses. The college environment has no gender biasness and respects people from all walks of life. The college is women only college that has been established with the aim to enable the girl empowerment through technical education which will help students to unchain barriers to reach greater heights.

- The students are trained for Group Discussions, Discourses and Interviews for enhancing their self confidence and public speaking skills.
- Camps, Guest lectures, Educational tours and Presentations by the students are organized regularly to expose them to constructive learning.
- Hands on exercises are done by the faculty to make the teaching-learning process more student- centric that also supplements the University syllabus along with the skill development.
- Various workshops related to Soft Skill and Personality Development programmes are the value added activities that are conducted regularly by in-house faculty members and corporate professionals.
- Issues related to gender equality and environment sustainability are addressed through activities like "Beti Bachao, Beti Padho", "Paryavaran Sanrakshan Programme" among others.

The Institute also organizes various Debates, Speech, Essays writing competitions to makes students aware of social, ethical and human values.

File Description	Documents
Any additional information	No File Uploaded
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

10

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

93

File Description	Documents
Any additional information	No File Uploaded
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

A. All of the above

from the following stakeholders Students
Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	http://rcew.ac.in/Feedback.php
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

89

2.1.1.1 - Number of students admitted during the year

89

File Description	Documents
Any additional information	No File Uploaded
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

37

File Description	Documents
Any additional information	No File Uploaded
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

Diversity in the classroom is a reflection of the democratic liberties in the society. It ensures equity of success for all learners because no one has the monopoly on intelligence. The institute has a mechanism to nurture the special learning needs of the students. An initial assessment based on the various inputs (as given) helps in identifying the learning levels of the students.

- **Score of JEE (Mains) / REAP**
- **Students' 10th, 12th marks**
- **Identification of back ground- medium of communication of the students**

The institution also assesses the learning levels of students through scheduled tests and their latent talents are exposed through their participation in curricular and co-curricular activities.

The following actions are initiated to enhance the skills of advanced learners and slow learners:

Advanced Learners:

- **Advanced learners are provided expert sessions from academic and industry experts for widening their horizon.**
- **Advanced learners are given opportunity to lead, plan and organize institution's co-curricular and extra-curricular activities including annual techno-cultural festival. They are also given opportunity to be interface with the academia/industry experts.**
- **Advanced learners are being motivated by felicitating on being department toppers.**
- **Students are facilitated to attend various inter and intra**

college workshops, conferences and symposia to expand their skills and ability.

- Advanced learners are also encouraged to take part in teaching learning process.
- Coaching classes for GATE are also conducted in-house for the advanced learners.
- Advanced learners are encouraged to read and write review and research papers. They are allowed to attend conferences/ seminar.

Slow Learners:

Slow learners are categorized based on the factors like lack of interest, slackness in understanding the subject, inability to write and comprehend English language, to mention a few. Even socio-economic conditions sometimes play a role in fixing the learning level of the students. Hence, the slow learners are classified by the respective class teacher/ mentor based on the reasons specified and proper counseling is done on that basis.

- Bridge course classes are conducted on the subjects like Mathematics and English for initial 2 weeks just after their joining the institution.
- Slow learners with short of interest and slackness in understanding the subject are provided with special classes delivered by the respective subject faculty after the completion of the regular classes.
- Remedial classes are conducted regularly for the slow learning students.
- Improvement tests are conducted for the low scoring and slow learning students.
- Proper counseling and mentoring is done for slow learning students by their respective mentors. Efforts are being made for finding the reasons behind slowness.
- If required, parents of the slow learners are also requested to meet the mentor, faculty members teaching different courses and HoD. Students are counseled in the presence of their parents.
- Question bank comprising questions and answers of the previous year's University semester exam question papers is provided to the slow learning students which helps them face the exams with confidence.

File Description	Documents
Paste link for additional information	Nil
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
1908	99

File Description	Documents
Any additional information	No File Uploaded

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

RCEW adopts student centric methods like experiential learning, participative learning and problem solving methodologies for enhancing learning experiences. The student centric method, by its very nature, allows students to shape their own learning paths and places upon them the responsibility to actively participate in making their educational process a meaningful one.

Experiential learning involves reflection, critical analysis and synthesis, opportunities for students to take initiative, make decisions and be accountable for the results. It in fact supports students in applying their knowledge and conceptual understanding to real-world problem. It is the practice of leaning through doing. The institute organizes many activities like internships, OJT, field trips, field research, peer learning activities, volunteering and service-learning projects to enhance experiential learning.

Participating learning involves learner centric teaching methods such as group work, role play, project work, field visit, industrial visits, case study, debates, seminars, presentations among others. These activities are employed to make teaching and

learning more effective. Institute organizes many such activities to promote participating learning. Educational trips, surveys are also organized at departmental levels. All departments organize guest lectures by eminent personalities to develop the students to learn on their own. Visiting faculties drawn from industry and academic institutes of repute supplement the teaching process and provide the information to bridge the gap between industry and academia.

In addition, learner-centred teaching methods such as group work, role play, project work, case study etc. supplement classroom teaching which enhances critical thinking among students.

Some of the additional student centric methods followed in the institution are as follows:

- The institute is having state-of-art laboratories for students to get their theoretical concepts clear through practical/experiential knowledge. Students are encouraged to do minor and major projects through which they can apply the technical concepts practically and understand them in a better way.
- Students are updated with the models, flow charts and real life examples for the better understanding of the theoretical subjects.
- Students are appointed as members of the respective department clubs through which they can arrange and participate in various programs like Conferences, project exhibition, workshops project competition, technical quizzes, co-curricular and curricular activities.
- Invited talks by experts from academia and industries are arranged periodically, so that students can get enough inputs from the experts so as to prepare themselves to meet the expectations of the industry or to plan for higher studies.
- Field trips and industrial visits are arranged for the students to enhance their industrial exposure. Students are encouraged to publish papers in International and National Conferences and participate in Symposia to improve their ability to share their subject knowledge with confidence.

Outcomes:

- **Research and Development Centre established for helping students work on their research projects.**
- **Entrepreneur Development Cell (EDC) helps students to start new businesses of their own. Cell invites young Entrepreneur and industrialist to guide students, interested in starting their own business. Intellectual Property Right (IPR) workshops give insight about filing patents of for the novel ideas.**

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

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

Teachers use ICT enabled tools for effective teaching-learning process

Today, it is essential for the students to learn and master the latest technologies in order to be corporate ready. As a consequence, teachers are combining technology with traditional mode of instruction to engage students in long term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education.

The following tools are used by the Institute:-

ICT TOOLS:

1.) **Projectors-** 54 projectors are available in different classrooms/labs.

2.) **Desktop and Laptops-** Arranged at Computer Lab and Faculty cabins all over the campus.

3.) **Printers-** Installed at Labs, HOD Cabins and all prominent places.

4.) Photocopier machines - Multifunction printers are available at all prominent places in the institute.

5.) Scanners- Multifunction printers are available at all prominent places.

6.) Seminar Rooms- Three seminar halls are equipped with all digital facilities.

7.) Smart Board- One smart board is installed in the campus.

8.) Online Classes through Zoom, Google Meet, Microsoft Team, Google Classroom)

10.) HackerRank (Online Coding Platform)- inter college competition

11.) MOOC Platform (NPTEL, Coursera, SAP, Udemy, Edx etc)

Use of ICT By Faculty-

A. PowerPoint presentations- Faculties are encouraged to use power-point presentations in their teaching by using LCD's and projectors. They are also equipped by digital library, online search engines and websites to prepare effective presentations.

B. Industry Connect- Seminar and Conference room are digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students.

C. Online quiz- Faculties prepare online quiz for students after the completion of each unit with the help of GOOGLE FORMS.

D. Video Conferencing- Students are counseled with the help of Zoom / Google meet applications.

E. Video lecture- Recording of video lectures is made available to students for long term learning and future referencing.

F. Online competitions- Various technical events and management

events such as Poster making, Ad-mad show, Project presentations, Business quiz, Debates, paper presentations etc. are being organized with the help of various Information Communication Tools.

G. Workshops- Teachers use various ICT tools for conducting workshops on latest methods such as SPSS, Programming languages, simulations etc.

Academic Management System

The College has developing an integrated Academic Management System and comprehensive tool for faculty, students and administrators to overcome the challenges in the process of college admissions and post admission. The entire college admission process was proposed to be digitized with the tool starting from Application, Selection, and Intimation & Admissions. The tool is an online-platform that is meant to manage entire gambit of CBCS – from registration of course, registration by the faculty, allocation of courses to the faculty, student attendance, internal assessment, end-semester assessment, and conversion of marks to grades, declaration of results, grade card generation, distribution etc.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

23

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	No File Uploaded
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

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

99

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
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

18

File Description	Documents
Any additional information	No File Uploaded
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

99	
File Description	Documents
Any additional information	No File Uploaded
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.

Institute conducts various examinations for Assessment and Evaluation of its students. Examinations have two tier systems.

1. University defined

- **Two Mid Term Exams - 20 weightage**
- **One Main Examination - 80 weightage**

2. Institute defined

- **Unit Tests**
- **Open Book Exams**
- **Quizzes**
- **Laboratory Internal Assessment**
- **Mid Term Practical Exams**
- **Improvement exams All types of mid-term**

and unit tests are planned before commencement of each semester.

Institution prepares Academic Calendar with reference to its

affiliating university's academic calendar at the starting of each semester. The institute has defined set of internal assessment. Question paper of midterm exams are set as per pattern of University main written examination. Papers are submitted to the secrecy cell in a sealed envelope with marking scheme and solution of question paper. Examination Committee executes the centralized evaluation process with monitoring Continuous Assessment:

- The institute has a structured internal evaluation process implemented for theory subjects as well as laboratories subjects for students' persistent performance.
- For the continuous assessment in laboratory lab record sheets are filled by faculty. The record sheet has the detail of date of assigning /completion of the experiment, on the spot viva grad and overall grade of the experiment.
- For the assessment of project and seminar proper guidelines are developed to ensure continuous and unbiased evaluation.

File Description	Documents
Any additional information	View File
Link for additional information	http://rcew.ac.in/NAAC/Naac-Doc/Mechanism_for_Examination_Evaluation.pdf

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

A transparent, time-bound and efficient method is being followed in Rajasthan College of Engineering for Women in terms of dealing with internal examination related grievances. Various internal examinations are being performed throughout the semester. Some of them are- Mid Terms, unit-tests, assignments, lab continuous evaluation, project evaluations, etc.

Internal Assessments (Mid Term 1 and Mid Term 2):

Immediately, after the Mid Terms the marks is displayed on the notice board to maintain transparency and uniformity in the assessment of the internal tests. The faculty evaluates the papers within a week of conduction of test. The evaluated answer sheets are shown to students in class and faculty undertakes individual grievances with a student on the paper if required by the student.

At the end of the semester the average marks of both the mid terms exam is calculated and verified with the students. If any discrepancies are reported by the students, then they are resolved by the faculty immediately.

Assignments-

Faculty evaluates assignments based on the viva voice which is also shared with the students. The viva voice consists of criteria- timely submission, clarity, neatness, etc. The evaluated assignments are given back to students thus maintaining the transparency of the marks assigned and to resolve grievances is any.

Lab experiments-

The faculty immediately evaluates the experiment performed in lab by the student and the performance marks are assigned based on the lab viva voice designed by the faculty. The lab viva voice is given in the lab manual, which is shared with the students well in advance before the lab is conducted. The lab submissions are taken in LMS, e.g. Google classroom, and the marks given by the faculty are available to the students immediately, this providing a transparent way for students to reflect on their strengths and areas of improvements.

Project evaluation-

In a semester two internal evaluations of the project is conducted in front of the panel consisting of group of faculties.

The viva voice is designed for these two presentations having criteria- quality of problem formulation, literature analysis, presentation, team work, etc. With these systems in place, RCEW is very well exhibits transparency in the mechanism of dealing with grievances related to the internal assessment.

College Level:

- If a student is not able to appear for examination due to medical or any genuine reason examination is conducted for that student as per norms, provided that she submits application with proper documents.
- If any student scores less marks and wants to improve in that subject, she can appear for the improvement examination.
- The grievances of the students with reference to assessment are made clear by showing her performance in the answer sheet.
- The answer sheet of such student is assessed by the faculty once again in the presence of the student. Any corrections in the total of marks or assessment of answer books as identified by students are immediately done by the faculty members.
- Any student who is not satisfied with the assessment and award of marks may approach the concern HOD who can intervene and seek opinion of another course Teacher.
- The Institute follows open evaluation system where the student performance is displayed on the notice board and the same is informed to the parents.

University level:

- With reference to evaluation, if the student scores less mark than expected, she can apply for revaluation of her answer script after paying the prescribed fee.
- University provides the photocopy of answer sheets to students regarding any grievances with reference to evaluation. Student can apply for revaluation if she feels that evaluation is not correct

File Description	Documents
Any additional information	View File
Link for additional information	http://rcew.ac.in/NAAC/Naac-Doc/Mechanism_to_deal_with_internal_examination_related_grievances_is_transparent.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

RCEW has well defined outcome-based objectives like Vision and Mission, Program Outcomes (POs) and Program Specific Outcomes (PSOs) for all the programs. All the departments of the institution have well defined Course Outcomes (COs) for every course.

Vision and Mission, POs and PSOs are published at all prominent places and disseminated among all Internal and External stakeholders. Faculty members and students are conversant with POs, PSOs and COs of the programs.

These objectives are displayed on the display boards in the HoD's room, department library, staff rooms, corridors and department's Notice Boards. Vision and Mission are published at the institute's web site <https://www.rcew.ac.in> POs, PSOs and COs are kept available on institute website under Department menu.

Dissemination

Vision and Mission are discussed by the Director during his address in the induction program. All newly admitted students along with their parents attend this program. Head of the department delivers address in the department specific orientation program. During his address Department Vision and Mission, POs and PSOs are stated. At the beginning of every course, the faculty member discusses the course outcomes in the classroom as well as in the laboratory.

Students: Awareness Sessions are conducted periodically for the students to make them aware of the objectives. These objectives also elucidate to students at the time of joining the institution as part of the induction program and department specific orientation program.

Parents: Parents are also explained about the objectives during induction program organized at the time of joining of their wards in the college.

Faculty and Staff: Orientation program is conducted periodically for newly joined faculty and staff members to induct them into the institution and the department during which objectives are also explained. Department meetings are also conducted periodically in the objectives and their effectiveness is discussed.

Alumni Members: These objectives are conveyed to alumni members during alumni meetings organized every session. Relevance of Vision and Mission are also deliberated with alumni.

Governing Council: All these objectives are analyzed and evaluated according to policy and governing methodology of the department during GC meeting.

Employers: Suitability of the objectives is assessed during recruitment drives and industry interaction. The objectives are communicated to all the employers to seek their valuable suggestions. Information brochure, college magazine, newsletters are also provided during the interaction.

Professional Bodies: Professional bodies are associated to align their activities to achieve institute and department objectives. While organizing events under professional bodies institute and department objectives are communicated through events brochures.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	http://rcew.ac.in/NAAC/peo_co_pso.php
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Attainment of program outcomes and course outcomes are evaluated by the institution.

Methods used to measure the levels of course outcomes consist of Direct assessment and Indirect assessment. The assessment process is aligned with learning outcome. Formative and summative assessments are integral part of direct method. Tutorial / Assignment, Lab evaluations, Outcome based assessment are part of formative assessment while mid-term exams and university exams (for both theory and labs) are considered under summative assessment. The indirect method includes student feedback and survey conducted to gather information. The assessment process is used to evaluate the knowledge, skills and competence of the learners. Attainment of COs is measured by using Direct and

Indirect Methods.

Attainment of Course Outcomes:

Attainment of course outcomes helps the stakeholders to manage the resources effectively to the maximum extent. This creates path to improve the processes continually.

Attainment of Program Outcomes: For every degree program, expectations are listed out by the institution under the Program Outcomes. POs are statements about the knowledge, skills and attitudes (attributes) the graduate of a formal engineering program should have. POs deal with the general aspect of graduation for a particular program, and the competencies and expertise a graduate will possess after completion of the program. They also learn to design solutions for problems that meet the specified needs with appropriate consideration for the cultural, societal and environmental well being. They learn to use research based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of the information to provide valid conclusions. They realize that individual and team work function effectively in multidisciplinary settings. They learn to communicate effectively with society and they are able to comprehend and write effective reports and design documentation. They also make effective presentations and give and receive clear instructions. They understand the importance of critical thinking, social interaction, effective citizenship, ethics and environment and sustainability. Ultimately, they acquire the ability to engage in independent and life-long learning.

Attainment of Program Specific Outcomes: The stakeholders understand the nature and basic concepts of ecology. They analyze the relationship between human beings and nature. Based on these outcomes, the stakeholders learn goal-setting, problem solving techniques and decision making. The institution evaluates the stakeholders as Class Toppers, University Rank Holders and Best Outgoing Students. They are recognized and awarded during the

Annual Day function by giving them Certificates and Mementos. Medals are awarded to the University Rank holders. The Best Outgoing Students are evaluated on the basis of five criteria: Academic Performance, Attendance, Behaviour inside the class room, Behaviour on the campus and Extracurricular activities.

The program outcomes and program specific outcomes are measured by the performance in sessional and university examination. It is also measured in recruitment drives.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://rcew.ac.in/NAAC/peo_co_pso.php

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

92

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	No File Uploaded
Paste link for the annual report	Nil

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)

http://rcew.ac.in/NAAC/Naac-Doc/Student_Satifaaction_Survey.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)

2.6

File Description	Documents
Any additional information	No File Uploaded
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 teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

01

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

Nil

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Entrepreneurship Cell- RCEW

The objective of promoting entrepreneurship among the youth is to nurture a passion for self-employment. This will open gates for creation of new knowledge-based innovative hi-tech ventures, industries and new breed of techno-preneurs and more avenues of employment opportunities thus turning job seekers into job creators and in the process, leading the nation towards industrial excellence and self-reliance. The Entrepreneurship Development Cell (EDC) of our college aims towards achieving the above.

The broad objective of EDC is:

To create awareness on entrepreneurship among the students.

To inculcate entrepreneurial spirit and culture among Engineering graduates
To conduct programs in Entrepreneurship enabling skills

In the modern world people can no longer expect large enterprises to guarantee them jobs for life. Individuals are increasingly expected to seek out their own opportunities, actively create value and behave ethically, rather than faithfully follow rules and routines set by others. Being enterprising involves taking responsibility for decision making, becoming increasingly self-reliant, pioneering, adventurous, daring, dynamic, progressive, opportunist, ambitious and holding your values, as well as being able to initiate ideas and see them through into action.

The main functions of EDC are:

Organize Entrepreneurship Awareness Camps, Entrepreneurship Development Programs, Faculty Development Programs, IPR workshops and Skill Development Programs in the college.

Initiate innovative student projects each year for new innovative product development. Organize technical Competitions every year.

Guide and assist prospective entrepreneurs on various aspects such as preparing project reports, obtaining project approvals, loans and facilities from agencies of support system, information on technologies, etc.

Arrange interaction with entrepreneurs and create mentorship scheme for student entrepreneurs.

Research and Development Cell

To recognize education and Research in close interaction with industry and emphasis is given on the development of inventiveness, innovative creatively among students and faculty.

Objective:-

- Promote R&D programme in newly emerging challenges in science, technology and engineering.
- Enhancement of knowledge, capability and a global recognition to institution.
- Application of qualitative as well as quantitative Research technique to enhance knowledge, capability of students and faculty in relatively unexposed area.
- To develop research proposal for funding from DST/MNRE/AICTE/MHRD.
- To organize seminar/Conference/workshop in the relevant area of science & engineering.
- Up gradation of workshop and laboratory through MODROB proposals of AICTE, MHRD.

Goal :-

- Promotion of R&D Activities in of science and technology with special emphasis on emerging domain.
- Motivate faculty and students to participate in Seminar/Conference/Workshop and further share his knowledge, experience with faculty and students and submission of write up to R&D cell.
- To motivate faculty and students to present/Publish/Research paper in reputed national & international journals and submit a copy to R&D SECTION IN LIBRARY
- To start research programme in science & engineering, which is funded by national & international research bodies.
- Motivate faculty and students to design and fabricate and implement viable functional projects for the benefit of institution. The institution should provide financial support & facilities.
- Publish Journal of science & engineering with ISBN No.
- Inculcating scientific temper in students & faculty.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year**3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year****8**

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	http://rcew.ac.in/btech.php
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

32

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

46

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

The institute promotes community networking and engagement program for contribution to good citizenship, service orientation and holistic development of students, through following ways:

1. Initiatives taken by Helping Hands Club

'The Helping Hand', a club managed by the students of RCEW, Jaipur, aims at facilitating the life of the needy people in the society. They mainly contribute by donating food, clothing and other necessary items in the disadvantaged and poverty stricken parts of the society with the ultimate aim of uplifting their conditions.

2. Visit to Government School

The members of 'The Helping Hand' club makes visit to nearby government school to contribute in the teaching of school children. They also provided stationery to the needy students. They played games, conducted quizzes and did several other fun activities with the children. They also held counseling sessions for the students of classes 9th and 10th. Gifts that were collected through money contribution were also divided among the children.

3, Visit to an Old Age Home

'Growing old is compulsory but growing up is optional.' This was something that taught to the students of The Helping Hand when they visited an old age home. The students went there with the desire to bring a smile to those faces who have probably concealed it since ages. The students described the habitants of the old age home as highly congenial and warm hearted. The

students were segregated into groups who went to different rooms and had nice long talks with those destined people of god. The students who had listened their tales considered them highly remarkable. Furthermore they also gave performances to entertain these people. Through this trip they not only fulfilled their duty as a responsible citizen but also learned a lesson, that is, 'Youth is the gift of nature but old age is the work of art.'

4. Visit to the Orphanage

With the aim of bringing enthusiasm in the otherwise lonely minds, the other student society went to an orphanage named 'Shri Hindu Anathashram'. The members of the association collected gifts for distribution in the orphanage from the collage. At the Anathashram, they delivered motivational speeches, did counseling and enlightened the children. These children were also given basic knowledge of the networking society in order to make them aware of the advancing technologies. The team finally departed by being successful in achieving all of its goals.

5. Slum Area Visit

The aim of this visit was to experience humanity at the practical grounds. Here, the students got a chance to meet the future of India living in slums. Students counseled them about initiatives taken by central government regarding PMAY and slum free India.

6. Blood Donation Camp

Students of RCEW are highly motivated for this noble task by involving themselves in Blood Donation Camp organized annually in the institute.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

68

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - 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

3.4.3.1 - 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

9

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

295

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

3

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

5

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
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 institute possesses a well-developed infrastructure meeting the requirements stated by AICTE and the affiliating university. Institute has lush green atmosphere and completely eco-friendly. Natural lighting and ample air are provided to the students making their academic atmosphere completely organic and enriching their learning experience.
- The Classrooms are spacious, and well built. Most of the classrooms are equipped with technology such as projectors and in some classrooms we have wireless microphones, sound systems, marker boards. Minimum electricity is consumed by classes as light and air is naturally available.
- The library is stacked with the necessary books pertaining to the syllabus as well as extra reference material. The students are permitted to borrow books as per the scheme and as required.
- Online resources that provide access to e-journals, e-magazines and research papers are made available to the students to update with the latest findings and studies. Students are also encouraged to watch NPTEL videos for enhancing the learning. Free lecture is allotted to each class so that students have easy access to browse, read and borrow books.
- Wi-Fi and LAN facilities are provided and internet for the students for instant accessibility of knowledge is issued. This allows students to surf the internet for academic purposes. The access however is monitored.
- For promoting self-learning, text books, reference books, IS codes, journals, e-books, e-journals, NPTEL local chapter, SWAYAM and some other online self-learning tools are available in central library. The central library is also having separate reading section.
- The laboratory is furnished according to the statutory norms. Keeping the curriculum in mind, the laboratory is equipped with resources for necessary procedures designed to dispense the practical knowledge of students for a hands on experience. All safety measures are taken. Lab assistants are present during all sessions to provide necessary support. The labs are maintained in clean and hygienic manner.

- Each department is equipped with sufficient number of computers. All departmental labs are installed with the prescribed software.
- Several other facilities such as the seminar hall, conference hall, library and many more are made available to the students to encourage them to participate in all events. These facilities are provided with a vision to help students to develop their academics and career through skill enhancement.
- To promote better teaching and learning, the Institute has facilities like LCD projectors, OHPs and also audio visual equipment through which webinars can be conducted. The college is having a digital library with 100 Mbs internet and Wi-Fi facility, which is being effectively used by the students and faculty for their academic and research activity.
- All the class rooms are Wi-Fi enabled.
- Ergonomically designed furniture for the class rooms.
- State of the art equipment in the laboratories.
- Smart boards are available in the few class rooms.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://rcew.ac.in/gallery.php

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

- We Believe in Swami Vivekananda Principle that "A sound mind in a sound Body".
- Extracurricular activities – The College is encouraging and providing facilities for students to participate in outdoor games like Basket Ball, Foot Ball, Volley Ball and Cricket, Indoor Games like Table Tennis, Chess and Caroms.
- Volley Ball Court: The Institution has a Volley Ball Court

with confirming standards. Students use the same in the evening hours.

- **Basket Ball Court:** There is a basket ball court with confirming standard. Students avail the facilities in the evening hours.
- **Sports:** The College has always created a mark in the field of sports. The college has since long time, been participating in various intra/inter college, University level tournaments and National level competitions.
- **Outdoor Games:** A spacious play grounds are available for outdoor games like: Cricket and Hockey.
- **Indoor Games:** Facilities for the indoor games like Badminton, Table Tennis, Chess, Caroms etc, are also provided to students in the college campus.
- **Auditorium:** The College is having a modern, well equipped acoustic auditorium for workshops and seminars, invited talks, placement drives and cultural activities.
- **Cultural Activities:** The Institute has cultural club headed by a graduating students under the supervision of faculty members and all the activities are planned and organized under this club. The students are organizing & participating in many cultural activities like group songs, dance, skits etc., during Annual day celebrations held every year. The Institute has also been regularly participating in the zonal and inter-zonal youth festivals. On Annual Day function every year students participate with zeal in many cultural activities.

- **Yoga club:** The Institute regularly organizes yoga camps and special programs are organized on International Yoga Day i.e on 21st June every year.
- **Public speaking and communication skills development:** Career guidance cell of the institution headed by senior faculty member regularly organize Personality Development programs which involve various activities like public speaking and communication skills development to enrich the students.
- **Alumni Club:** The Institute organizes Alumni meeting and special programs for alumni every year.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://rcew.ac.in/campus.php

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

42

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://rcew.ac.in/NAAC/Naac-Doc/ICT_Enabled_Facilities.pdf
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)****21.06**

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
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)**

Well-equipped infrastructure goes hand in hand for imparting quality education. The central library has excellent collection of book titles, reference books, journals, databases, magazines. The central library is equipped with in house integrated learning management systems (ILMS) (Neolib), and digital library facility. Institute library is automated. User can search the library collection by *Title, Author, Publisher and Accession Number*.

The software is featured with the following 6 modules to facilitate all the essential functions of the library in a computerized environment.

1. Circulation
2. OPAC
3. Serials controls
4. Administration
5. Physical Verification
6. Reports

The reading room is well furnished to accommodate 100 students at a time and provides conducive learning environment for study. Exclusive reference section is available in the library. A visitors' registered is maintained for students.

New arrivals of books are displayed on separate stands and racks. Security of resources is ensured through a system of checking at the exit point for all resources used by the users. Students and faculty both are required to sign at the time of entry and exit. CCTV cameras are installed in the library for strict surveillance.

The Institute has a Library Committee. The composition of the Library Committee is as follows:

- Chairman - Head of Institution
- Secretary - Librarian
- Members - Heads of various departments
- Student representative - Invitee

The committee has taken up the initiative in collecting and development of e-Resources (Online journals, e- books and online databases) in particular, to meet the needs of the students and faculty.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://rcew.ac.in/e-library.php

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	No File Uploaded
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)

176745

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
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

30

File Description	Documents
Any additional information	No File Uploaded
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 is having a total 594 Computers with 04 servers to cater to the need of students and faculty. Institute is also having various Systems and Application Software. As and when the systems are obsolete, the Institute replaces them. Institute is having an Internet with 100 Mbps capacity .Campus is also having

a Wi-fi facility to cater to the need of students and faculty, also surplus Ethernet ports are provided for laptops or other devices in need of internet connectivity. A separate team with in-house staff is formed to take care of the IT & related needs of the campus such as Software Development, Hardware & Networking, Website designing & hosting, Email solutions, SMS solutions, etc. Institute provides computing facility with required configuration for computer system and laptops. These are distributed among the various departments for academic and administrative work.

Key Features:

- Separate computer center, to facilitate internet access for all the students, staff and faculty members. This facility enables users to access meaningful information available online.
- Exclusive Language Laboratory having sufficient computers with related software which enable the students to learn life skills by improving pronunciations with proper accent which in turn helps them in overall personality development.
- LCD Projectors, Printers, Scanners, CCTV, Wi-Fi, LAN and Internet facility etc. are also available for effective teaching learning process.

Digital section in Central Library with high speed internet connection helps the students and faculty to browse NPTEL lectures and videos, e-journals, e-magazines, e-newspapers etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

594

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
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)

26.04

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
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 has developed a standard procedure for utilization & maintenance of all physical, academic & support facilities available in the campus.

- All Labs & Computer Center**

1. All labs in the institute are administered by department

wise Laboratory In-charge (a faculty).

2. All maintenance requirements sent to maintenance committee after getting approval from HOD and Director
3. Upon evaluating the specific problem, Director forwards the application to Institute Maintenance Committee.

- Utilization of support facilities:

1. Requirement of the particular facility (e.g. seminar hall, laboratory, class room etc.) is to be forwarded by Head of Department to Director.
2. Director directs concern support facility in-charge to verify the availability of the existing resource and need of the facility demanded and accordingly permits the usage of the same.

- Maintenance Committee

1. The college Maintenance Committee that oversees the maintenance of buildings, classrooms, and laboratories.
2. The Maintenance committee is headed by the Registrar who in turn monitors the work of the Supervisor at the next level. The Supervisor is accountable to the Registrar and functions as the coordinator who efficiently organizes the workforce, maintaining duty files containing details about their individual floor - wise responsibilities, timings, leave etc.
3. This team also looks after the regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting, carpentry, plumbing and house-keeping.

- House Keeping of classrooms, laboratories and the entire institute campus

1. Adequate in - house staff is employed to maintain hygiene, cleanliness, and infrastructure in the campus meticulously so as to provide a congenial learning environment.
2. Classrooms, Staffrooms, Seminar halls, and Laboratories, etc is cleaned and maintained regularly by Housekeeping staff assigned for each floor. Washrooms and restrooms are well maintained. Dustbins are placed in every floor.

- IT Facilities

1. Technical staff work under the supervision of the Network Administrator maintains the efficiency of the computers,

networking, and accessories.

2. The technical staff associated with the respective laboratories service the equipment to the extent possible. When they become non-serviceable, they report the matter to the faculty in-charge of the laboratory and he, in turn, refers the same to the HOD, who arranges to get them repaired. Annual physical verification of all laboratories and physical facilities is conducted by internal and external persons. The non-serviceable items in labs are write-off through proper procedures.

- **Electrical & other Equipments Maintenance**

1. Institute's electrical maintenance team takes care of all the electrical peripherals, equipments, infrastructure and power related resources .
2. Periodic reporting on requirements of repairs and maintenance are submitted by the HODs to the Administrative office. The requirements are collectively processed in every semester break so as to keep things ready for the new semester.
3. The optimum working condition of all properties/ equipment in the campus is ensured through annual maintenance contracts (AMC). The AMC purview includes maintenance of Generator, Elevator, Air Conditioners, CCTV cameras, and Water Purifiers.
4. Monitor electrical equipment such as Generator, UPS, Batteries, EPABX monthly and enter the condition/Status of equipment in Logbook Call the contractor in case of a major fault. The contractor analyses the fault and submit its report. If the replacement of any part is necessary then call the quotations purchase as per the centralized purchase procedure.

- **Library**

The Chief Librarian and their staff are responsible to maintain library books and records.

- **Sport / Ground Maintenance**

1. The sports grounds along with sports accessories and supporting accessories of indoor and outdoor games of RCEW are maintained by in house staff in coordination with Sports Officer
2. Instructor of Gymnasium takes care of equipments and if

there is need of any maintenance/ repairs then outline maintenance procedure will be followed.

- Garden

The Green Cover of the campus is well maintained by a full-time gardener. Institute has employed a dedicated gardener who takes care of garden, lawn and the indoor plants placed at various locations in the institute.

- Canteen /Mess

Mess committee of the Institute takes care of all related issues including quality of food, price list, menu details and earmarked space for students, faculty and staff etc. This committee also makes frequent visits to canteen/mess for ensuring good quality of food and service in canteen.

- Hostel

The Institute has appointed Wardens and Peons for 24x7 to take care of hostellers. Hostel is governed by the rules and regulations set up by the Institute. A faculty member has assigned the responsibility as Hostel Administrator, who is also the Coordinator of Hostel committee.

Hostel Committee has also appoint students as floor incharge, they are the members of hostel committee. Hostel Committee keeps watch on the activities of the hosteller.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://rcew.ac.in/NAAC/Naac-Doc/Maintenance.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

19

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
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 benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

283

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	Nil
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

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted 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 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

A. All of the above

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	No File Uploaded
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	
57	
File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	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	
3	
File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
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	
1	

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	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.

2

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
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 institute has inclusive approach in both the academic and administrative functioning. It includes the active participation of students. This eventually improves the leadership qualities among the students.

- **Well-structured student committees assist in the implementation of routine academic and administrative activities of the institute .**
- **It also includes the other major activities held annually**

such as Annual Day, Sports and Cultural Activities etc. Various departments have their students associations.

- The student council helps institute in bringing out the academic/ administrative problems as well as hidden talents of the department.
- Student are also members of the different professional bodies and represent MAISM.
- Members of every council are elected by interviewing them in the presence of senior faculty members.
- Placement activities of the Institution are mainly student driven. Students not only play an active role in inviting companies but also take care of hospitality and other arrangements during recruitment drive. These students work under the guidance of Training and Placement Officer.
- Students are also members of the committee like IQAC, Anti Ragging Committee, Library Committee, Cultural and Sports Committee, Hostel and Mess Committee, Institute Website Update Committee, Literary Committee, Technical Fest Committee among others.
- In COVID 19 Pandemic situation Student Council play an important role to coordinate students during online classes, placement activities, events such as Workshops, Webinars, Expert Lectures, etc.

General Constitution of all committees:

1. Director - Patron
2. HoDs - General Advisor for all committees.
3. Faculty Coordinator for individual committee.
4. Student Co-ordinators (Department wise for individual cell)
5. Student members (As volunteers for conducting different activities)

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

11

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
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

A strong Alumni network is a testimony of success for an Educational Institution. The motto of the alumni association of RCEW is Connect- Foster- Prosper. Connect to each other and with the Alma Mater, promote learning, companionship, and feeling of oneness & prosperity at the same time.

It was founded in 2014 by the group of alumni graduating that year and is still around today. Association was set up with a purpose to foster a spirit of loyalty and to promote the general welfare of institute from the desire for fellowship and the pull of an emotional bond with the college where the students spent the crucial years of lives.

The association provides a forum for the alumni to interact with the institute. Moreover, it also helps the alumni of the institute to reach out to other alumni across various years, batches, branches and interests.

The association helps the alumni to connect with the institution through "Reconnect" annual alumni meet every year. To maintain a good rapport with most of our pass outs and keep updated with the achievements of our Alumni. This year due to COVID 19 pandemic online alumni meet has been organized. College has also an online portal for alumni Registration.

Objectives:

- To develop and strengthen a feeling of fraternity amongst its members and the present students of RCEW.
- To conduct small informal group meetings of alumni.
- Organizing reunions on the college campus or other places every year.
- To form a link between its members, fresh graduates, present students and representatives of industries, associations etc.
- To organize talks, workshops, seminars, group discussions etc. on matters of topical interest.
- To support college in all the aspects like various interactions, Open House, student summer training, placement drives and Entrepreneurship development activities.
- To set up and maintain a structure for the betterment of the institution, students, Alumni, libraries, information, services, Placement Cell and Entrepreneurship Development Cell.

Benefits:

- **Training & Placements** - The alumni network of the institute is one of the biggest sources of training and placement opportunities to the students. Alumni helps the students to get placed in their respective organizations. Alumni who have founded and established successful start-ups come back for recruit
- **Mentorship** – Our Alumni play an active role voluntary in various programmes like mentoring students in their areas of expertise, Annual Day, Management Fest etc.
- **Career Guidance** - Alumni is a huge talent pool whose guidance is beneficial to many students and other fellow-alumni in their respective areas.
- **Networking Platform** - Alumni network by itself is one of the best professional networking platforms available today. Alumni work as backbone for Industry Institute Interaction.

File Description	Documents
Paste link for additional information	http://rcew.ac.in/DOC/alumnicertificate.pdf
Upload any additional information	View File

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

C. 3 Lakhs - 4Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

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

Mission

To create technical manpower for meeting the current and future demands of industry. To recognize education and research in close interaction with industry and emphasis is given on the development of leadership qualities in the students entering the portals of the Institute with sensitivity to social development

and eye for opportunities for growth in the international perspective.

Vision

To continue to be one of the world's leading engineering institutes in both educational and research and achieve greater recognition for our efforts in our chosen fields of endeavor. The world will look up to us for future trends and innovations in education, research, and technology. The college will build on its traditions of innovation, problem solving, and interdisciplinary collaboration to meet the changing needs of the society.

Quality Policy

RCEW team is committed to achieve quality as an integral part of our institution policy by continuous self- evaluation and striving to improve ourselves.

- The emphasis on the innovative teaching, continuous monitoring, evaluation through tutorials, laboratory classes and participation in co-curricular activities.
- To generate social consciousness among the upcoming technocrats / managers to meet the challenges of society and the world at large by accelerating ethics and value education.

The unique characteristics of the Institute are defined in the mission as follows:

- The Institute has a mission to impart knowledge based

quality education for the holistic development of students thus making them capable of being better employable in the highly competitive career market.

- The Institution focuses on all three curricular, co-curricular and extracurricular activities for students. The curriculum followed here helps to enhance and empower the professional knowledge base of students through a unique value system, transparent work culture, and excellent academic and physical environment.

- The Institute supports dynamic learning through projects and seminars. Institute organizes Industry- Institute interactions to explore the recent trends in technology. Institute ensures the project based learning, creativity and technology transformation, implemented through organizing various international, national level conferences, workshops, STTPs, management festivals, and various programs to explore which creates environment for patent filing by staff and students.

- This strategy helps to generate, preserve and share knowledge for developing a vibrant society, by imparting quality education. Institute not only support the students for curriculum but also arranges personality and skill development (PSD) classes, GATE classes, beyond syllabus experiments in every lab, off-syllabus projects and special trainings, for making the students competent in global scenario.

- Institute supports up-gradation of faculty members through organizing regular faculty development programs (FDPs), promoting higher education/research activities and participation of faculty in conferences, STTPs at reputed colleges like IIMs, IITs and NITs.

- In the beginning of every semester the HoDs' submit the planning of semester, where new labs/books/new equipments are proposed. The complete planning is made by the discussion with faculty of department. The allocated budget is judiciously distributed amongst the available requirements.

- Institute promotes up-gradation of existing physical/technical facilities through allocating budget. The budget is utilized judiciously for improvement in current facilities.

File Description	Documents
Paste link for additional information	http://rcew.ac.in/mission.php
Upload any additional information	No File Uploaded

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

Institute has a decentralized mechanism for delegating authority and operational autonomy to all the functionaries to work towards decentralized governance system. Director, Faculty Representative, and all stakeholders of the institute are the member of Managing Committee and participate in institutional decision making. IQAC Cell has also constituted as per NAAC guidelines, it includes representatives of parents, teaching, non teaching staff and society.

The management provides academic and administrative leadership to the faculty in various ways. Director and Head of Departments are authorized to carry out the staff selection process and shortlisted candidates are recommended to the management for new appointments.

The Management of the Institute has provide the financial powers to the Director up to Rs.50,000/- and Head of the Department up to Rs.20,000/-.

Head of the Department is empowered to allocate specific subjects to appropriate faculty for the betterment of students and to get quality results. Apart from the academic workload the Head of the Department can also assign few administrative duties to the individual faculty based on the ability and the leadership qualities of the individuals. Head of Departments can frame strategies for maintaining discipline & attendance, conducting events like seminars/workshops, guest lectures, industrial visits and training programs.

Every faculty is given complete freedom to decide the suitable teaching methodology of his/her choice by understanding the time frame and evaluation mechanism. Faculty is given freedom to carry

out higher education including Doctorate. They can recommend books to library.

The management encourages the faculty members to work on various key positions of University committees including research committee. The members of various committees are authorized to take independent decisions for its effective functioning.

Faculty/staff members actively participate in implementing the policies, procedures, and framework designed, in order to maintain and achieve the quality standards.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

RCEW Strategic Plan Following Targets:

- Develop, strengthen, and implement academic programs that are responsive to the RCEW's mission and are systematically reviewed for sustained quality, relevance, and excellence to meet the challenges of a highly competitive and global workforce.
- Enhance institute infrastructure to accommodate increase in intake, research, economic development, technology development and transfer; contribute to an enhanced quality of life in the region; and facilitate sustainable domestic and international economic development and competitiveness.
- Promote and sustain a campus environment that supports a high quality of life and learning that positively impacts retention through graduation and produces knowledgeable and culturally competent citizens able to lead effectively and compete globally.
- Improve academic interaction and participation of institutes / universities of national and international eminence in order to facilitate learning, innovation and research.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://rcew.ac.in/mission.php
Upload any additional information	No File Uploaded

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.

ADMINISTRATIVE SETUP:

With the hands-on experience of the management, the Institutional Management is designed in a scientific way with transparency to get the optimum results out of it. A hierarchical sets up is established from top management to down the level clearly demarking the Duties, Responsibilities, Accountability and Authorities at every stage. Rajasthan College of Engineering for Women, Jaipur has been established in 2002. It has a Governing body to monitor and achieving the vision and mission of the institution. It has an effective organizational structure which monitors and improves the institution.

Organizational Structure :

To ensure smooth and efficient functioning of the institutions, the officials shown in the chart below will form part of the Top Hierarchy and all other Faculty, Administrative Staff, Technicians and lower staff will be guided and supervised by the former. The latter in turn will be responsible & accountable to the former.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	http://www.rcew.ac.in/images/Organizational_Chart.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	No File Uploaded
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
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

The Institute always strives to motivate and empower the faculty to create sense of direction and positive awareness in all the departments through the teaching learning processes by: Sponsoring them to attend various programmes like National / International conferences, workshops, STTPs and FDPs carried out at different reputed institutes. Institute implements following welfare measure for faculty and non-teaching staff. It has been a tradition of RCEW to appreciate the utmost efforts of its hard working faculty member and technical staff member for their supreme support. To appreciate their valuable efforts and contribution to the college, a felicitation programme is conducted on either Independence Day or Republic Day, and the faculty & staff member are awarded as per defined parameters.

Faculty:

- Motivates and deputed faculty for pursuing higher education.
- Encouragement for the faculty for attending workshops, conferences, seminars, short term courses and faculty development program.
- Encourages the faculty to become members of professional bodies and to participate in the activities organized by them.
- Encourages the faculty to undergo industrial training and visit the industry of their domain. Encourages the faculty to receive research grants for their projects and provides support.
- Promotes and motivates the faculty to use the ICT tools in their teaching-learning process.
- Encourages the faculty for publication of research papers in reputed Journals/conferences.

Non-Teaching Staff

- Institute organizes training programs as per the need for skill development of non-teaching staff.
- They are encouraged to participate in the organization of technical and management events.

The other welfare provisions made for both faculty and staff as described as below:

1. Provident Fund.
2. Medical Insurance of Rs. 1, 00,000/- with major contribution (60 %) in its premium.
3. Leaves (Casual, Earned, Medical, Vacation and Academic) as per University norms. Also provision for study leave.
4. Maternity leaves for female faculty and staff.
5. Free transport facility.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

2

File Description	Documents
Upload any additional information	No File Uploaded
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

25

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
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

513

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
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

Faculty/staff appraisal process at RCEW has been a critical exercise for ensuring faculty satisfaction and a means of retaining talent. Under the policy of performance appraisal wherein weighted average against performance is clearly indicated

through the performance expectations set for teaching, research and institutional contribution.

Institute recognizes the excellence through the annual appraisal mechanism. A 360 degree appraisal system is followed in which subordinates, co-workers, and Director all anonymously rate the faculty.

Teaching staff:

- Faculty members set goals in terms of teaching ability, intellectual capital such as research, consultancy, and contribution in institutional development in consultation with the department head and Director that are aligned with growth map of the Institute and the department.
- Information is captured primarily through self-appraisal forms that are designed as per UGC guidelines. A self-appraisal form includes the details of academic, research and special achievements.
- The appraisals are made with respect to the outcome of the goals set by each faculty member. Appraisal method includes self-rating, student rating through feedback mechanism, HOD rating and Director rating.
- Appropriate measures are taken to normalize the assessments of faculty across departments.
- All faculty members are intimated on the outcomes of appraisals that identify the strengths of a faculty, student feedback, peer feedback and areas to improve that helps faculty in enhancing their skills and focus on improvising on weaknesses, if any.
- A probation period of 1 year is there for new recruits and they are regularized after a comprehensive review of their performance and contributions.

Non-teaching staff:

1. Similar appraisal process is followed for non-teaching staff with different assessment criteria that best fit their job profiles and descriptions. The Non-teaching staff review cycle is also set for every year.

Based on the objective evaluation of qualitative and quantitative aspects of performance, faculty/staff members are rewarded with hikes in salary, assigning new job responsibilities and promotions at appropriate phases.

File Description	Documents
Paste link for additional information	Nil
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

The institute has a mechanism for internal and external audit. We have our own internal audit mechanism where internal audit is an on-going continuous process in addition to the external auditors to verify and certify the entire Income and Expenditure and the capital expenditure of the institute every year. Qualified external auditor (C.A) have been appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year.

Likewise an external audit is also carried out on an elaborate way on yearly basis. The institutional accounts are audited regularly by both internal and statutory audits. So far there have been no major findings/objections.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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)

15 lakh

File Description	Documents
Annual statements of accounts	No File Uploaded
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

Rajasthan College of Engineering for Women, Jaipur is a self-financed institution, where the funds are generated through the fees paid by the students. Deficit is managed by taking advance from the parent trust. Additional funding is obtained from faculty members through Research proposals. These funds are utilized for the research and laboratory development.

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources for the development of the academic processes and infrastructure development.

- Institutional budget is prepared by Accounts department every year taking into consideration of recurring and non-recurring expenditures.**
- Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year. Along with this all coordinators of different cells R& D Cell, Exam Cell, T&P Cell, NSS Cell, etc. are instructed to submit their budget to Account office.**
- All the major financial decisions are taken by the Director and Accounts department with the consent of Management of college.**
- As and when urgent requirements arise it is given after sanctioned revived from accounts office.**

All the major financial transactions are analyzed and verified under following sections:

- **Research & Development**
 - **Training & Placement**
 - **Software & Internet charges**
 - **Library Books / Journals**
 - **Repair & maintenance**
 - **Printing & stationary**
 - **Equipment & Consumables**
 - **Furniture & Fixtures**
1. Institute adheres to Utilization of budget approved for academic expenses and administrative expenses by management.
 2. After final approval of budget the purchasing process is initiated by purchase committee which includes all head of departments and account officer, accordingly the quotations called and after the negotiations, purchase order are placed.
 3. The payments are released after delivery of the respective goods. It is done as per the terms and conditions mentioned in Purchase order.
 4. All transaction has transparency through bills and vouchers. The bill payments are passed after testing & verification of items. Only authorized person operate the transaction through bank.
 5. Respective faculty member ensures that whether suitable equipment/machinery with correct specification is purchased.
 6. The entire process of the procurement of the material is monitored by the Purchase committee and Director at institute level and then the finance department at corporate office level.
 7. Financial audit is conducted by chartered accountant every financial year to verify the compliance.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Rajasthan College of Engineering for Women (RCEW) caters to the academic requirements of students not only through insight filled classroom teaching, but also by ensuring quality enhancement in every sphere of the institution and student's life on the campus. The Internal Quality Assurance Cell is an immensely alert entity of RCEW that takes care to provide the best quality inputs on campus. All activities of the IQAC have proved to be immensely satisfying and beneficial to students and faculty alike. The IQAC plays an important role in ensuring quality of the functioning of administrative and academic units of the college. The IQAC continuously reviews the functioning of the various departments and facilitates necessary changes as and when required. The college has developed quality assurance mechanisms within the existing academic and administrative system. They include:

Ø Establishment of TQM team

Ø Self appraisal by faculty, evaluation of academic and administration of the college by various stake holders.

Ø Redressal of student grievances

Ø Ongoing evaluation and updating of curriculum

Ø Periodic reviews of the functioning and progress of various academic and co curricular programs.

Ø Exit interviews for outgoing students to elicit feedback that can help formulate corrective measures in the light of experiences of the students who graduate out of this institution.

Ø Seminars and workshops are conducted by the college where eminent scholars, professors and noted industrialists present papers and participate in discussions.

To ensure quality in administrative functions of the college, proper delegation of tasks and promoting a culture of clear communication regarding areas of responsibility accountability is practiced.

**IQAC (Internal Quality Assurance Cell) -
Compositions**

S.No	Category	Name	Designation
1	Head of the Institution	Dr. Arihant Khicha	Director
2	NAAC Coordinator	Ms. Manju Mathur	Asst. Professor
3	IQAC Coordinator	Mr. Roshan Jain	Asst. Professor
4	Senior administrative officers nominees	Mr. Mona Bhalla	Administrative
		Dr. Roshan Choudhary	Administrative
5	Faculty Nominees	Mr. Vinod Todwal	Member
		Mr. Mahesh Kumar Sharma	Member
		Mr. Nitesh Pathak	Member
		Mr. Jitendra Singh Rajawat	Member
		Ms. Anuradha	Member
		Mr. Vineet Khanna	Member
		Dr. Seema	Member
		Mr. Subhash Chandra	Member
6	Nominee from Management	Ms. Beena Singh	Chairperson
7	Nominees from Students and Alumni	Ms. Varsha	Alumni Member
		Ms. Yashi Mehta	Student Member
8	Nominees from Employers / Industrialists/stakeholders	Dr. K.K. Lavania	Employer Member
		Mr. Ashok Kumar Singh	Parent Member
9	Nominees from Other Institute	Dr. Ashok Kumar	Member

IQAC (Internal Quality Assurance Cell) - Goals And Objectives

Autonomous Status and Curriculum Development

- To implement Choice based credit system in the college.
- To assess the level of attainment of vision and mission, PEOs, POs once a year and COs once in 6 months for all programs
- To conduct academic audits for all programs at least once a year
- To introduce and implement industry link Project during 8th semester for all branches

Staff Development

- To organize a minimum of two pedagogical training programs per year for new teaching faculty and for those who require additional training
- To organize at least one common skill-development program per year for the supporting staff

Teaching-Learning Process

- To review student performance mock test will be conducted for all departments
- To attain 100% utilization of the digital learning platforms (Moodle/Blackboard/LCS) by all teaching faculty.
- To register and complete at least two relevant MOOC courses/ 1 MOOC course and 1 FDP/industrial training by all teaching faculty per year
- To appoint two adjunct faculty from industry for every program.

Co-Curricular Activities

- To organize one international conference every years such

- that major disciplines have a conference once in 3 years
- To conduct classes for national level competitive exams like UPSC, GATE etc and to ensure that 2 students from each department clear the exams successfully

Extracurricular Activities

- To Periodically carryout extra-curricular activities through, NSS, Unnat Bharat and other college/ department Clubs
- To be conducted sports meet once in a year and encourage students to participate in National / International tournaments.

Infrastructure Development

- To follow up on the construction / maintenance work of college.
- To form a Purchase - Executive committee and conduct purchase approval meeting once a year for carrying out budget utilization and infrastructure maintenance

Placement

- To achieve 95% campus placement of eligible & interested candidates by June-August every year with an average student's salary of 4 Lakhs every year

R&D, Industry- Institute Interaction, Continuing Education, Consultancy, Incubation

- To sign MoUs or enter into collaborations with a minimum total of ten industries for mutually-beneficial interaction and organize at least 10 joint programs
- To organize a minimum of 40 continuing education courses / programs for the benefit of society in the region and generate revenue through Continuing Education Centre
- To achieve R& D grants and revenue generation through consultancy, training and testing services etc

Accreditation

- To get accreditation for the UG programs of Civil, CSE, ECE & IT and PG programmes MBA and MCA

Role & Responsibilities of the Coordinator of IQAC Cell

- To coordinate the dissemination of information on various quality parameters of higher education.
- To coordinate the documentation of the various programs / activities leading to quality improvement
- To coordinate the quality-related activities of the institution
- To coordinate in preparation of the Annual Quality Assurance Report (AQAR) to be submitted to NAAC based on the quality parameters.
- To coordinate the timely and efficient execution of the decisions of IQAC committee.

File Description	Documents
Paste link for additional information	http://rcew.ac.in/NAAC/Naac-Doc/IQAC_Formation.pdf
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 IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process.

The Academic Calendar is prepared in advance, displayed and circulated in the Institute and strictly followed.

Admission to various programmes, summer, winter and mid-term vacations, examination schedule and declaration of results are notified in the Academic Calendar.

All newly admitted students have to compulsorily attend the Orientation Programme, in which they are made aware of the philosophy, the uniqueness of the Education system, the teaching-learning process, the system of continuous evaluation, compulsory core courses, various co-curricular activities, discipline and culture of the Institute. All students are also given a guided tour of the campus and the various facilities.

All students are provided with the all details relevant for students.

Students are apprised of the Time-Table, Programme structure, syllabi of the courses before the semester commences.

Important announcements are made in the morning assembly and attendance and conduct of classes are monitored by the Deans of faculties, HODs and proctors of various classes.

The Chief Proctor and the Discipline Committee members make random visits to ensure smooth functioning of classes.

Class Committees are regularly conducted with students to take feedback and appropriate steps are taken to enhance the teaching-learning process.

Feedback from students is also taken individually by teachers for their respective courses, by Proctors, directly through IQAC. Students are also free to

approach the Director of the Institute for feedback and suggestions.

Feedback is properly analyzed and shared with the Director, Deans, HODs and individual faculty members.

The teaching-learning processes are reviewed, and improvements implemented, based on the IQAC recommendations. The major initiatives taken over the years include the following:

- Introduction of Home Assignments
- Automation of Admission Processes - Provision for online fee payment
 - Automation of Examination Processes
- Curriculum Development Workshops in many subjects
- Green initiatives in Campus - tree plantation, solar photovoltaic power plants, e-vehicles etc. sssss
- Application for ISO and NACC Certifications.

The internal quality assurance cell (IQAC), its focus on improvement of quality is being done by various methods. For this 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.

Academic review in beginning of the session- There are 3 main meeting of

academics is organized in a semester. First-at the beginning of the semester, second- after mid term & third, at last of the session. In this meeting the internal examination committee, HoDs of the departments, and college faculty meets. At the beginning of the new session, a new time-table is prepared, the academic calendar of the university and college is discussed, and other committees for the college activities are constituted. Also, a discussion by HoD's on Result analysis is done in front of the Dean academics. Before annual examination, the instructions to invigilators, superintendent, workers and examination committee members are given by the examination center superintendent

File Description	Documents
Paste link for additional information	Nil
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 agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://rcew.ac.in/NAAC/Naac-Doc/ISO%20Ceritificate.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
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

Rajasthan College of Engineering for Women, Jaipur was established with the aim to promote / upgrade the status of women in the society by imparting the education. The institution promotes gender sensitization through co-curricular activities like workshops, seminars, guest lectures, street plays, poster making, exhibitions, counselling etc. The institution organized 'Self-defense training' for the girl students of the institution. Awareness programs like importance of human rights, Rights of Women in Domestic problems, Cyber security awareness programs

related to the safety and security of women employees and students are conducted periodically. The institution provides special attention to girls students and women employees not only in terms of basic necessities but also with several awareness programs. The institution organises different activities, training programmes, awareness programs, workshops, guest lectures with students, staffs and in society on different woman's issues. The institution constituted the following committees as per norms laid by AICTE & RTU, Kota:

- Grievance Redressal Committee,
- Anti-Ragging,
- Anti Sexual Harassment Cell,
- Discipline Committee,
- Women Cell
- SC /ST Students Welfare Committee,

and Mentoring Programme cares for the well-being of students and staff in the institution. The functions of these committees are displayed on the website of the institution and information is being disseminated to the students through orientation and induction programs. The institution provides safety and security facilities for the staffs and students such as CCTV Surveillance throughout the campus and security arrangement. Students wear ID cards at all times and outsiders are checked by security staff before allotting visitor IDs. The institution has a dedicated Counselling Centre and good mentoring system for the students to take care of their academic, emotional, social and cognitive development. Personal Counselling is provided to the students at different levels. There are separate washroom facilities for Female and Male. Washrooms are provided with sanitary napkin vending for the safe and hygienic disposal of sanitary napkins.

File Description	Documents
Annual gender sensitization action plan	Nil
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	http://rcew.ac.in/gallery.php

7.1.2 - The Institution has facilities for alternate sources of energy and energy

B. Any 3 of the above

conservation measures Solar energy
Biogas plant Wheeling to the Grid Sensor-
based energy conservation Use of LED bulbs/
power efficient equipment

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

Rajasthan College of Engineering for Women, Jaipur has deep concern to protect environment, health and well being through implementation of effective waste management practices such as segregation, recycling, and composting. Awakening to control 'throw-away' life style and grow consciousness of generating less waste among students, staff and faculty members has also been adopted. Our house keeping staff, gardeners and sweepers help in segregation of waste.

Solid Waste Management:

- Waste like plastic, metals, glass, cardboard, newspaper and stationery are systematically collected, segregated and sold to authorize vendors for its recycling.
- College adopts almost paperless concept by digitization of office procedures through electronic means via WhatsApp email and Google classroom; thus, reducing paper-based waste and reduce carbon dioxide emissions.
- Use of paper printed on one side is encouraged in sending fax, print drafts before final document, meeting minutes, memos and notes in office practices as environmentally preferred alternative to waste management to reduce pollution.
- Students are encouraged to use waste paper and newspaper in creative practices during various extracurricular activities.
- Dustbins have been installed throughout campus for waste segregation.

Liquid Waste Management:

- Liquid waste released from hostel, mess and cafeteria reaches to Sewage Treatment Plant (figure 7) through mud pumps installed at three main locations. After separation by air pumps, treated water is used for watering the plants.
- Uniform distribution of water and best efficiency is adopted through sprinkler irrigation.

E-Waste Management:

- Electronic gadgets are repaired for minor defects by our lab technicians to ensure its optimum utilization
- The electronic waste components such as computer system components, CPU and ICs are used in practical demonstration to our students.
- Some of the reusable electronic components like resistors, capacitors, inductors, diode, transistor, thermistors etc. are removed from the gadgets and used by students in making projects.
- Students are also made aware of E-Waste issues and its safe disposal.

Waste Recycle System

- Paper waste is sold out for its recycling in paper industry.
- Cement concrete cubes as a waste of Concrete Lab are used as pavers in campus.
- Vermicomposting used to recycle solid waste, peels of vegetable and food waste.
- Food Waste is taken away by local people to feed their cattle.
- Liquid Waste after proper treatment used in irrigation.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available**A. Any 4 or all of the above**

**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**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

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**
- 5.Landscaping**

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

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

D. Any 1 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

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	No File Uploaded
Any other relevant information	No File Uploaded

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).

To build a nation of youth who are noble in their attitude and morally responsible, Rajasthan College of Engineering for Women, Jaipur organizes and conducted several activities to build and promote an environment for ethical, cultural, and spiritual values among the students and staff. To develop the emotional and

religious feelings among the students and the faculty, commemorative days are celebrated on the campus with the initiative and support of the management for not only recreation and amusement but also to generate the feeling of integrity and social harmony.

The institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination. Though the institution has diverse socio-cultural background and different linguistic, we do not have any intolerance towards cultural, regional, linguistic, communal socio economic and other diversities. With great fervour the national festivals, birth anniversaries and memorials of great Indian personalities like Mahatma Gandhi Sardar Vallabhbhai Patel, Pandit Jawaharlal Nehru, Dr. Bhimrao Ambedkar, Sarvepalli Radhakrishnan, Lal Bahadur Shastri.

The college and its teaching staff jointly celebrate the cultural and regional festivals, like New-year's day, Fresher Party ,Teacher's Day, Orientation and Farewell Program, Induction Program, rally, oath, plantation, Youth day, Women's day, Yoga day, Festivals like Diwali Mela celebration, Holi Milan celebration, New Year celebration, Lohri celebrations, etc. religious ritual activities are performed in the campus. Motivational lectures of eminent persons of the field are arranged for all-round development of the students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national integration.

Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students. In this way the institute's efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities.

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	No File Uploaded

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

Rajasthan College of Engineering for Women, Jaipur is always aware to sensitizes the students and employees to constitutional obligations about values, rights, duties and responsibilities and constantly works upon to nurture them as better citizens of the country through various curricular and extra-curricular activities. The college curriculum is framed with courses like Gandhian Economic Thought, Moral Philosophy, Practical Ethics, Value Education, Philosophy of Human Rights and Applied Philosophy as a small step to inculcate constitutional obligations among the students.

The institute hoists the flag during national festivals and invites eminent persons to inspire students and staff by informing the qualities of freedom fighters and to emphasize the duties and responsibilities of citizens. The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules. The institution encourages participation of students in Sports and Games. The institution takes pride of raising up successful leaders among the students. Staff members participate in the national celebrations, Flag Day and take oaths for the cause of the nation. The institution takes many initiatives like conducting awareness campaigns, organizing orientation programmes, training programmes, seminars and workshops to sensitize the future leaders to inherit human values coping with the constitutional obligations.

Ethical Values, rights, duties and responsibilities of citizens are some of the topics that are enlisted in Elocution/ Debates activities. The institution has strived forward with great effort to increase the level of awareness and appropriate practices amongst the students in the following areas: Fundamental Duties and Rights of Indian Citizens: The students have enthusiastically participated in various activities like seminar, conferences, expert talks, poster making competition, competition on various contemporary legal issues. Legal awareness camps to impart awareness of such issues etc. Constitutional Obligations: The institution celebrates the Constitution Day on an annual basis and thus contributes to the spreading of Constitutional values and ideals amongst students.

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

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

B. Any 3 of the above

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	No File Uploaded

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

Rajasthan College of Engineering for Women, Jaipur always believes in celebrating events and festivals in college. It is an integral part of learning and building a strong cultural belief in a student. The College makes tremendous efforts in celebrating the national and international days, events and festivals throughout the year. In academic year 2020-21, we celebrated the following days :

S.No.	Event Name	Date

1	Environment Day	5/7/2020
2	Independence Day	15/8/2020
3	Birth Anniversary of Dr. Sarvapalli Radhakrishnan	5/9/2020
4	Mahatma Gandhi Jayanti	2/10/2020
5	National Unity Day	31/10/2020
6	Republic Day	26/1/2021
7	Women's Day	8/3/2021
8	International Yoda Day	21/6/2021

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	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best Practices

Best Practice 1: "Inclusion of Human values and Ethics amongst students, through compulsory Courses and activities."

The knowledge and practice of human values and ethics is imparted through the regular theory and practical courses offered by the affiliating university. In addition to this, regular sessions are being organized to inculcate human values and ethics among students and staff. These courses and regular activities foster a strong sense of ethical judgment amongst students.

Best Practice 2: "Academic Audit by competent assessors to find the areas for further improvements".

In order to ensure continuous improvement in the teaching learning skills and academic performance of faculty members, the institute conducts an academic audit of all faculty members during each mid semester where lecture notes, deployment, course outcomes, tutorials sheets & solutions, lab manuals/records, lab record are vetted by senior faculty members including Director. The notable fact about this process is its congeniality and ease which gives space to every individual. This whole process is carried out in a very healthy and cordial atmosphere.

Students play a vital role in the evaluation, development and enrichment of the quality of this learning experience. Feedback from students about teaching-learning and other facilitates of the institute is conducted in every semester, to improve the quality of delivery based on the feedback.

Best Practice 3: "Extension Activities"

RCEW has adopted the nearby village 'Sirsi', where round the year students of RCEW educate the children of mostly wards of labour class and then every year a camp is being held to educate villagers about healthy living, saving the girl child, education for all and thus contributing in the holistic development of the school going children and their parents.

File Description	Documents
Best practices in the Institutional website	http://rcew.ac.in/NAAC/Naac-Doc/Best_Practices.pdf
Any other relevant information	Nil

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 vision statement of the institute is "To contribute towards the objective of Nation building by offering Quality Higher

Education and promoting a culture of Research & Innovation, for the betterment of mankind."

In this process, an innovative approach of teaching-learning of technical and management subjects of the latest development is adopted and implemented. Students have taken active part in various technical and management competitions through institute. The continuous evaluation system is followed for assessing the performance of student in each course. Attainment levels are decided by the institute in achieving Course Outcomes, Program Outcomes and Program Specific Outcomes. The students undergo internship and take field/in-house project related to their area of interest.

Good communication skill becomes a major and important aspect in the program of global business. Special care has been taken to build a language lab. The art of communication in technical and business English which has become an important aspect is taught by good faculty with international approach. It covers both oral and written communication along-with personality development are sessions are taken in a friendly way so that students are mentally and physically prepared for any kind of job in the international market.

In addition to this, special training programs on life-skills and aptitude are conducted through external agencies. E-learning resources are made available through digital section of the library. Taking care of the need of the corporate, courses beyond syllabus are also taught.

Established in year 2002, Rajasthan College of Engineering for Women is promoted by Chandrawati Education Society with the aim to enable the girl empowerment through technical education which will help students to unchain barriers to reach greater heights. College provides one of the best environments for overall development of its students with a testimony of getting its students selected in TOP-10 of RTU academic topper list. College is fully residential with a hostel capacity of more than 1200

girls with all facility available inside campus. The college has bus service at intra-city level and with rail, road and air at intercity level. RCEW's strive towards exceptional academics is fulfilled by our brilliant faculties who are regularly proving their results in the form of regular RTU merit holders, continuous academic toppers, brilliant placement record. The College enjoys an enviable reputation among the leading companies such as Goldman Sach, Microsoft, BOSCH, John Deere, SAP Labs, AEECOM, IBM, CAPGEMINI, Directi, SABRE, Grey meter, Daffodil and lots more.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- To maintain and enhance the quality of teaching learning process, institute will focused on new teaching pedagogues.
- All faculty members shall publish at least two research papers in SCOPUS Journal, SCI Journals and UGC care Journals in next year.
- The institution will increase the PhD awarded faculties in all departments.
- The institution will apply and receive more research proposals to funding agencies (Govt. and non- government).
- Institute promote Skill Development and Technical Development, Communication enhancement courses as per need of Industry /

market dynamics.

- More efforts and resources would be provided for higher success rate in placement with improve percentages.

- More efforts and resources would be provided to have higher success rate in competitive exams and higher education enrolment.

- The institution will conduct more IPR activities and publish more number of patents.

- Encouraging and making more faculty members to get involved in research and consultancy.

- Organize Conferences/Seminars/Workshops in next year.

- Institution will create an effective involvement of Alumni in various College Activities.

- Improvisation in Feedback Mechanism

- Library enrichment and infrastructure amendments