# YEARLY STATUS REPORT - 2020-2021

| Part A | |
|---|---|
| **Data of the Institution** | |
| **1.Name of the Institution** | **RajaRajeswari College of Engineering** |
| • Name of the Head of the institution | **Dr. T. Chandrashekar** |
| • Designation | **Principal** |
| • Does the institution function from its own campus? | **Yes** |
| • Phone no./Alternate phone no. | **08028437124** |
| • Mobile No: | **9900028023** |
| • Registered e-mail | **office@rrce.org** |
| • Alternate e-mail | **principal@rrce.org** |
| • Address | **#14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru** |
| • City/Town | **Bengaluru** |
| • State/UT | **Karnataka** |
| • Pin Code | **560074** |
| **2.Institutional status** | |
| • Type of Institution | **Co-education** |
| • Location | **Urban** |

| | |
|---|---|
| • Financial Status | **Self-financing** |
| • Name of the Affiliating University | **Visvesvaraya Technological University** |
| • Name of the IQAC Coordinator | **Dr. M. Karthikeyan** |
| • Phone No. | **08028437375** |
| • Alternate phone No. | **08028437373** |
| • Mobile | **9080877714** |
| • IQAC e-mail address | **iqacrrce@gmail.com** |
| • Alternate e-mail address | **karthikeyan1968@gmail.com** |
| **3.Website address (Web link of the AQAR (Previous Academic Year)** | [www.rrce.org](www.rrce.org) |
| **4.Whether Academic Calendar prepared during the year?** | **Yes** |
| • if yes, whether it is uploaded in the Institutional website Web link: | [https://www.rrce.org/rrce/wp-content/uploads/2021/04/ECE-2020-21-Even-Semester_Calendar-of-events.pdf](https://www.rrce.org/rrce/wp-content/uploads/2021/04/ECE-2020-21-Even-Semester_Calendar-of-events.pdf) |

**5.Accreditation Details**

| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
|---|---|---|---|---|---|
| **Cycle 1** | **A** | **3.37** | **2016** | **02/12/2016** | **01/12/2021** |

| | |
|---|---|
| **6.Date of Establishment of IQAC** | **30/07/2015** |

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

| Institutional/Department /Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|---|---|---|---|---|
| **Mechanical Department of Engineering** | **MODROP** | **AICTE** | **2021** | **1600000** |

| 8.Whether composition of IQAC as per latest NAAC guidelines | Yes | |
|---|---|---|
| • Upload latest notification of formation of IQAC | View File | |
| 9.No. of IQAC meetings held during the year | 6 | |
| • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? | Yes | |
| • If No, please upload the minutes of the meeting(s) and Action Taken Report | View File | |
| 10.Whether IQAC received funding from any of the funding agency to support its activities during the year? | No | |
| • If yes, mention the amount | | |

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

* Reforming the Examination pattern * Motivated the students to Register NPTL, Swayam, MOOCS * Due to the pandemic all the studetns were attended the online class how to conduct and evalute the test and assignments with new Tehcnologies tools *Fine tuning of documents for university, conduction of regular IQAC meetings to make everyone familiar timely submission of AQAR. * Conduction of academic audits, FDP on outcome based education NBA accreditation. * Collection of data, information feedback from all stake holders, analysis actions taken for improvements * Establishment of ISERT to improve the quality of industry interactions effective mentor system for the holistic development of students. * FDP to the faculty members, National conferences and seminar and webinars were conducted. Conducted periodic meeting / discussions with faculty members to collect the data pertaining to various activities of the departments. INDIAN SOCIETY FOR EDUCATION RESEARCH AND TECHNOLOGY (ISERT) started to improve the industry interactions and conducted student development programmes MOU signed with Pongu ventures Pvt. LTD, UC Berkeley, Bosch and INTEL To develop innovation,incubation and mbassador training activities

**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 |
|---|---|
| To prepare the Calendar of Events of the Institution. | he institution prepared the Calendar of Events included academic planning, CIAE, workshops / seminars and other various in accordance with the academic calendar of VTU. |
| To apply for New UG program in emerging areas to start for academic year 2021-22 | Approval from AICTE to start the new UG program "Robotics and Automation" for the academic year 2021-22 |
| To enhance from 100 MBPS to 150 MBPS to the institutional campus to conduct online academic and other Extra & Co curricular activities. | The institution got the connectivity of internet / WiFi facility enhanced from 100 MBPS to 150 MBPS. |
| To organize Workshops / Seminars / Programs on Career Guidance, Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Industrial Visits | The institute conducted Workshop / Seminars on Administrative, Career Guidance, Research Methodology, Intellectual Property Rights (IPR) and Entrepreneurship. |
| To apply for All India Council for Technical Education (A Statutory body under Ministry of HRD, Govt. of India) under Grant-in-Aid under the Modernization and Removal of Obsolescence (MODROB) scheme to set up Center for Research. | Department of Mechanical Engineering received a sum of Rs. 16.5 Lakhs from All India Council for Technical Education (A Statutory body under Ministry of HRD, Govt. of India) under Grant-in-Aid under the Modernization and Removal of Obsolescence (MODROB) scheme to set up Center for Research on Automated Machining and Robotics for the academic year 20-21 and the period of grant utilization is two years i.e from 2020 – 2022. Dr.C.Ramesh, Head, Department of Mechanical Engineering is the coordinator |

| | |
|---|---|
| | of AICTE granted MODROB. |
| To organize Faculty Development and Staff Development and Student Development Programs | Faculty Development and Staff Development Programs were conducted from various departments during the academic year. |
| To publish journals (National / International) in SCOPUS | Faculties from various departments during the academic year published 165 journals (National / International). |
| To apply for financial assistance from VTU, Belagavi for carrying out Innovative projects. | Financial assistance of amount Rs. 65000/- was received from VTU, Belagavi for Innovative projects for final year UG students. |
| To apply for Karnataka State Council for Science and Technology (KSCST), Govt. of Karnataka to get funding for student projects. | Karnataka State Council for Science and Technology (KSCST), Govt. of Karnataka funded amount of Rs. 50,000/- to 10 student projects for the various departments of the institution. |
| To organize the pre-placement training | 187 students from various departments got placement and 21 students joined for higher studies during the academic year. |
| To participate in cultural and sports events at Inter-college and University level. | Student of EEE department Keerthan secured 3rd prize in Dance Battle event at University level. |
| To organize the Cultural fest "KALASOURABHA 2021 | Cultural fest "KALASOURABHA 2021" was organized. |
| To participate in NIRF to attain the national level ranking | The institution does not bag the ranking. So needs to focus for the next academic year to attain the national level ranking. |
| To plan and prepare readiness for the NBA in the various activities of the Institution | The institution prepared the readiness documents in accordance of NBA for the academic year by all the |

|  |  |
|---|---|
|  | departments. |
| To prepare for the audit readiness of the course for the academic year | The institution has received the Continuation / Extension of Affiliation for the academic year after Local Inspection Committee (LIC) visit by VTU by verifying the quality audit of the institution. |

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

- Name of the statutory body

| Name | Date of meeting(s) |
|---|---|
| VTU LiC | 27/07/2021 |

**14.Whether institutional data submitted to AISHE**

| Year | Date of Submission |
|---|---|
| 2020 | 28/02/2020 |

# Extended Profile

## 1.Programme

| 1.1 Number of courses offered by the institution across all programs during the year | 10 |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | [View File](#) |

## 2.Student

| 2.1 Number of students during the year | 2283 |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | [View File](#) |

| 2.2 | **178** |
|---|---|
| Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year | |

| File Description | Documents |
|---|---|
| Data Template | [View File] |

| 2.3 | **625** |
|---|---|
| Number of outgoing/ final year students during the year | |

| File Description | Documents |
|---|---|
| Data Template | [View File] |

## 3.Academic

| 3.1 | **192** |
|---|---|
| Number of full time teachers during the year | |

| File Description | Documents |
|---|---|
| Data Template | [View File] |

| 3.2 | **192** |
|---|---|
| Number of Sanctioned posts during the year | |

| File Description | Documents |
|---|---|
| Data Template | [View File] |

## 4.Institution

| 4.1 | **56** |
|---|---|
| Total number of Classrooms and Seminar halls | |

| 4.2 | **10** |
|---|---|
| Total expenditure excluding salary during the year (INR in lakhs) | |

| 4.3 | **1078** |
|---|---|
| Total number of computers on campus for academic purposes | |

# 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

**RajaRajeswari College of Engineering is affiliated with the Visvesvaraya Technological University (VTU).The University will specify the regulations, curriculum, syllabus and also communicate with the institutionby sending the action plan for the academic year through the "Calendar of Events (COE)" starting of every**

**semester to the affiliated colleges. The Institutionwill take effective measures to implement, execute, anddeliver the academics to the students. The Principal with due discussions with the Head of Departments(HOD's)will prepare the college "COE" for all programmes of the specific semester through theAcademic Calendar. The academic calendar consists of the class commencement date, last working date,dates for conduction of the internal assessment tests, workshops, seminars, industrial visits, cultural, sports,etc. and others planned events. The faculty members of the respective departments develop academicplans such as timetables, lesson plans, student databases, laboratory manuals, and course files, etc. for thespecific semester of the academic year. Faculties are encouraged to plan to impart the curriculumfollowing OBE (Outcome Based Education) through innovative teaching methods such as blackboardteaching, presentations, assignments, expert technical lectures, discussions, workshops, seminars, quiz,industrial visits apart from regular lecture sessions and the same is taken for approval from their HOD andPrincipal.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | [View File](#) |
| Link for Additional information | [https://www.rrce.org/rrce/wp-content/uploads/2021/09/1.1.1.pdf](https://www.rrce.org/rrce/wp-content/uploads/2021/09/1.1.1.pdf) |

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

**RajaRajeswari College of Engineering is affiliated with the university, and thus follows the examinationpattern of the University. Institute initially prepares the annual academic**

calendar before thecommencement of the academic year and then it is circulated to all departments.

Academic calendar: Well-planned academic calendar with necessary instructions is prepared andgiven to all the departments at the beginning of the semester of every academic year with all norms,assessment schemes, and the same is displayed in all the notice boards in favor of the students.

Class and timetable: Each department's timetable coordinator prepares the timetable as per the normsof the university to the required credit in consultation with the HOD. Timetable is released and displayedwell in advance of the starting of the semester of every academic year.

Course files and lesson plan: HOD ensures that a detailed lesson plan, course files are prepared bythe faculty for the subject allotted to them well in advance.

Continuous Internal Assessment Examinations: Continuous internal assessment examinations areconducted once in 30 working days to monitor the progress of the students in academics continuously.Three internal assessment examinations are conducted for each semester of the academic year.

Academic monitoring: Institution ensures that class notes, question banks, lab manuals, model questionpapers are available for all the courses. In addition to the regular subject classes, the college organizesspecial lectures, workshops, seminars by inviting experts from various fields to share their knowledge andexperiences with the students.

| File Description | Documents |
|---|---|
| Upload relevant supporting documents | [View File](#) |
| Link for Additional information | https://www.rrce.org/rrce/wp-content/uploads/2021/09/1.1.2.pdf |

| 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 | A. All of the above |
|---|---|

| 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 | View File |

## 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

**9**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Minutes of relevant Academic Council/ BOS meetings | View File |
| 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)

**1**

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

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

**882**

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

**882**

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

**1.3 - Curriculum Enrichment**

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

**Institute has taken initiative to sensitize and inculcate values, rights, duties, and responsibilities of citizensthrough activities mainly organized by National Service Scheme(NSS), student development/ welfareorganization (SDO/SWO). Various committees such as the internal complaints committee(ICC),staff/student grievance committee, SC/ST/OBC reservation committee, a committee for students withdisabilities, anti-ragging committee, a discipline committee are providing the ethics, moral values, humanvalues, gender equity to the students.**

**The numerous programmes are organized in the areas of gender equality, sustainability, human values andethics, and other related topics. Faculties include the students in a variety of activities including expertlectures, National Service Schemes, and national community programmes. Environmental Awareness is amandatory subject for all students enrolled in the Bachelor of Engineering programme. Environmentalissues are discussed in depth in the classroom as part of a regular course called "Environmental Studies,"which is taught by specially trained instructors in the classroom. There are chapters on topics such as thescope and nature of environmental science, natural resources, the eco-system, biodiversity, pollution, andsocial and population issues included in the above-mentioned subject matter.**

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

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

**365**

| File Description | Documents |
|---|---|
| Any additional information | **No File Uploaded** |
| Programme / Curriculum/ Syllabus of the courses | View File |
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses | View File |
| MoU's with relevant organizations for these courses, if any | **No File Uploaded** |
| Number of courses that include experiential learning through project work/field work/internship (Data Template) | View File |

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

**391**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| List of programmes and number of students undertaking project work/field work/ /internships (Data Template) | View File |

## 1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution** | **A. All of the above**

**from the following stakeholders Students Teachers Employers Alumni**

| File Description | Documents |
|---|---|
| URL for stakeholder feedback report | [View File](#) |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload) | [View File](#) |
| Any additional information(Upload) | [View File](#) |

| **1.4.2 - Feedback process of the Institution may be classified as follows** | **A. Feedback collected, analyzed and action taken and feedback available on website** |
|---|---|

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| URL for feedback report | https://www.rrce.org/rrce/wp-content/uploads/2016/12/DVV-1.4.2_Support.pdf |

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

### 2.1.1 - Enrolment Number Number of students admitted during the year

### 2.1.1.1 - Number of sanctioned seats during the year

**789**

| File Description | Documents |
|---|---|
| Any additional information | [View File](#) |
| Institutional data in prescribed format | [View File](#) |

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

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

| 139 | |
|---|---|
| **File Description** | Documents |
| Any additional information | View File |
| Number of seats filled against seats reserved (Data Template) | View File |

## 2.2 - Catering to Student Diversity

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

**The institution adopts and implements a well-designed counseling / mentoring system to evaluate and assess the learning capabilities of students. The learning levels of the students are studied and analyzed through the induction/orientation program conducted by the institution during the fresher's day.**

**Bridge and remedial classes: The students who secured below 50 % marks in the continuous internal assessment (CIA) examinations are considered as slow learners and schedule, conduct remedial classes, tutorials, tests, regular mentoring to improve their academic performance.**

**Classes for Arrear Students: The faculty identifies the Arrear students after the results obtained from University based on performance. The mentors motivate the students to perform better. The concerned faculty members enhance the arrear students' academic performance by providing added classes.**

**Activities for Advance learners: The advanced learners are provided with additional references of journals, advanced study materials and encouraged to make presentations, participate in international/national conferences/seminars/workshops/seminars/ intercollegiate competitions. Advanced learners are fortified to enroll in MOOC Courses – Swayam, course era, etc.**

**Activities for slow learners: Slow learners are found based on their performances in continuous internal assessment(CIA) examinations, assignments/tutorials, and the end semester examinations conducted by the university.**

| File Description | Documents |
|---|---|
| Link for additional Information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-2.2.1.pdf |
| 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 |
|---|---|
| 2283 | 192 |

| File Description | Documents |
|---|---|
| Any additional information | View File |

**2.3 - Teaching- Learning Process**

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

The institution adopts various ways to enhance the classroom learning experience to the student by way of providing blended traditional teaching with a technology-enabled teaching process.

Experiential Learning:

The institute arranges industrial visits which allow the students to extend their knowledge of practical aspects of their studies. The institution enforces the students to take Internships industries in an emerging trend to gain practical experience.

Participative learning:

Students participate in various events in co-curricular and extracurricular to improve their technical skills, managerial skills, sharing of knowledge by group discussions through participative learning. Project-based learning is adopted for the self-study components from their loweremester onwards. Students are motivated to participate in the various association, professional society activities organized.

Problem-solving methodology:

The department conducts tutorial classes for the students to engage

them in problem-solving methodology. Technical quizzes, assignments at the end of each module of the courses are made the students acquire and develop critical thinking, learn problem-solving strategies. Apart from these, the following methodologies are adopted

1.Case Study Analysis and Discussion

2.Product Design and development

3.Mini projects

4.End semester project works

5.Debates

6.Group discussions

7.Technical presentations

All academic activities are designed to raise the students' knowledgeinterpersonal and technical skills

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-2.3.1.pdf |

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

The traditional chalk and talk method of teaching-learning are monotonous. Hence, the institution included innovation in a teaching-learning process to make it more attractive, interesting for students. The institution includes the ICT tools for carrying out the illustrations, demonstration-based ways of learning, special lectures, field study, case-studies presentations, project reviews, experimental methods, and flipped classroom sessions, etc. Faculty members are using various ICT tools and techniques in the Teaching/Learning methodologies to deliver the contents/knowledge, which has facilitated the students to grasp the ideas quickly and increase their active participation during the class. Faculty members are attending various faculty development programs for

domain knowledge and for new trends in educationtechnology/ pedagogy, which make their teaching more innovative. The faculties at our institution use the following ICT Tools: 1.ICT based teaching Learning (Moodle, etc.)

2.Microsoft Teams for sharing subject notes, assignments, handling online classes

3.Open courseware assignment

4.Microsoft Teams for conduction of MCQ Test.

5.Video prepared by Faculty members

6.Google classroom for sharing notes

7.Google classroom for conduction of test

8.Google classroom for sharing videos

9.Google classroom for sharing question bank

10.Digital social learning platforms (Whatsapp, Blogs, etc.)

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | [https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-2.3.2.pdf](https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-2.3.2.pdf) |

**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**

121

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

## 2.4 - Teacher Profile and Quality

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

**192**

| 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

**48**

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

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

## 2.4.3.1 - Total experience of full-time teachers

**6**

| 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.

**The calendar of internal evaluations is prepared by the faculty in advance and communicated to students at the commencement of the semester via the Principal approved the academic calendar of the institute.**

**1.Students are informed about the internal assessment process by their faculty and through the firstyear orientation programme.**

**2.Students and faculty will be notified of the changes if any in the evaluation procedure by VTU.**

**3.In ahead of the internal review, the students will be provided with an outline of the portions coverage, question paper pattern concerning their regulations. Questions are asked based on course content and approved by department heads, schemes and solutions are prepared by faculty before the assessment and the same is used for evaluation.**

**4.Evaluation of internal assessment blue books is based on scheme and solution prepared by the faculty and are given to students at the end of an assessment to verify their marks.**

**Internal assessment for the theoretical subjects is evaluated by:**

**1.Three internal tests**

**2.Assignments/quiz/case stuides**

**Internal assessment for the practical subjects is evaluated by:**

**1. Indivudual lab experimental evaluation**

**2. Model practical exams**

Internal assessment for the Project, seminars and internship is evaluated by:

CIAE Evaluation:

SEE Evaluation:

| File Description | Documents |
|---|---|
| Any additional information | [View File](#) |
| Link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR_2.5.1.pdf |

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

Departmental Level:

1.At the department level, to ensure transparency in conducting the internal assessments an examination committee, comprising of a senior faculty as convener and other teachings, nonteaching staff as members and invigilators are assigned to each hall.

2.The faculty members will evaluate the blue books and randomly verified by the HOD to ensure thestandard of the evaluation process to maintain transparency in evaluating.

3.If students have any doubts, clarification about the evaluation, they need to meet the concerned subject faculty and get clarified their doubts.

Institution level:

1.The Institution appoints a senior faculty as Internal Deputy Superintendent and the University appoints external deputy chief superintendent for smooth conduction of external examination of the University.

2.Any grievances relating to university question paper like out of syllabus, repeated questions, the improper split of marks, marks missed, the wrong question during semester exams are addressed to the principal, after making an analysis of university question papers by the course handling faculties with Head of the Department in turn to proceeds the same to the university immediately.

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR_2.5.2.pdf |

## 2.6 - Student Performance and Learning Outcomes

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

**Programme Outcomes (POs) are defined for every course of the respective departments in NBA, New Delhi, and are the statements that describe the competencies gained by the student throughout the course. ThePSO'sare well defined in aligned with the vision and mission of the institution and in accordance with the department graduate attributes. The COsfor each subject are well defined in the syllabus of the affiliated university or it will be defined by the respective faculty members in consultation with the HOD or Senior faculty members who have handled/handling the same subjects through brainstorming sessions. Every CO is aligned to one or more POs, and is measured at the end of the course, through various assessments, designed specifically to effectively measure the CO and contribute to the PO that it is mapped to. The number of COs for a course is not fixed, and may have about four or five CO's. Few courses may have as few as three COs, while courses like those that the project may have as high as six CO's. While defining the COs, will ensure that they are not an abridged version of the course content and using Bloom's taxonomy for defining every CO.**

| File Description | Documents |
|---|---|
| Upload any additional information | **No File Uploaded** |
| Paste link for Additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-2.6.1.pdf |
| Upload COs for all courses (exemplars from Glossary) | View File |

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

**COs attainment: The following assessment process is measured to the attainment of COs with respect to POs and PSOs:**

Step 1: The course outcomes (COs) are made available in the syllabus prescribed by the University.

Step 2: An average of three Continuous Internal Evaluation (CIE) marks along with evaluated marks for assignments are considered for direct assessment of COs.

Step 3: Course exit surveys (CES) are developed by the faculty in accordance with the COs.

Step 4: The attained COs are then mapped with POs which have been given weightage depending upon the respective COs.

Step 5: The attained COs are also mapped with PSOs which have been given weightage depending upon the respective COs.

Step 6: The assessment and attainment process that framed with COs which are in turn mapped with the POs and PSOs are used for the Quizzes, Assignments, and Laboratory works.

Step 7: Qualitative analysis is carried out on the attainment of the COs for a course by the course expert after the COs are computed with POs/PSOs.

Step 8: If the attained values of the assessment of COs with respect to POs and PSOs are below satisfactory level 3 then the course subject

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for Additional information | [https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-2.6.2.pdf](https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-2.6.2.pdf) |

**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**

605

| File Description | Documents |
|---|---|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | View File |
| Upload any additional information | View File |
| Paste link for the annual report | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-2.6.3.pdf |

**2.7 - Student Satisfaction Survey**

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

https://www.rrce.org/rrce/wp-content/uploads/2016/12/SSS_2.7.1.pdf

**RESEARCH, INNOVATIONS AND EXTENSION**

**3.1 - Resource Mobilization for Research**

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

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

30.31

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

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

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

7

| File Description | Documents |
|---|---|
| List of research projects and funding details (Data Template) | View File |
| Any additional information | View File |
| Supporting document from Funding Agency | View File |
| Paste link to funding agency website | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-3.1.2_support.pdf |

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

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

**70**

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

**3.2 - Research Publications and Awards**

**3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year**

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

**155**

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

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

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

**29**

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

**3.3 - Extension Activities**

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

**The institution is taking various initiatives towards extension and outreach activities for the neighborhood community and motivates the student's social participation to understand the social issues with ethical values, legal and social remedies for various concerns. A mission statement for inculcating these ethical standards through outreach programs is practiced. NSS Unit is to build the youth with the mind and spirit to serve society and work for the social upliftment of our nation as a movement. Through the NSS programme the students learn the importance of self cleanliness, pollution effects, water conservation, protection of natural resources, interaction with the public. RajaRajeswari College of Engineering conducts regular activities with the students to participate in the institution and nearby community which helps students to be an awareness of real-life experience of the workplace and holistic development. Some of the activities of our NSS unit have been done for community development such as Plantation of trees, Swachh Bharat, International Yoga Day, Leadership & Soft Skills Training, Blood Donation Camps, Motivational Program, Food Safety Awareness Program, Stress Management – Meditation Program – Human Engineering, Eye Checkup Camp, students COVID vaccination drives.**

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-3.3.4.pdf |
| Upload any additional information | **No File Uploaded** |

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

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

**5**

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

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

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

**32**

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

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

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

**1698**

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

## 3.4 - Collaboration

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

**192**

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

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

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

**20**

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

## INFRASTRUCTURE AND LEARNING RESOURCES

## 4.1 - Physical Facilities

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

To deliver and impart the technical education, to carry out the administrative activities the following adequate infrastructure and physical facilities are available in the institution

- 53 number of classrooms halls with an adequate number of desks, lights, fans, good ventilation, a podium, and a green board with ICT facilities like LCD projectors.
- 9 seminar halls with ICT facilities like LCD projectors, Wi-Fi, and audio systems.
- 935 numbers of computer systems are available in laboratories with the latest configurations comprising servers, desktops with adequate printers, and scanners.
- All the computer systems are connected through campus LAN. 100 Mbps internet, wi-fi enabled campus.
- The Central library with NewGenLib -Library Management System (NGL) with RFID Technology supported.
- Digital library consists 24 numbers of computer systems with VTU consortium to refer the online books, journals.
- Separate administrative offices with reprographic service, document rooms, individual cabins to cater to the needs of the faculty and students.
- Separate cabins are provided to the HODs with a computing facility for student mentoring, counseling, and guidance.
- Individual desktop computer with internet facilities is made available to all the faculty. A separate ICT enabled board room to conduct the pre-placement discussions.
- Adequate laboratories with hardware and software, equipment, machines, and tools to deliver, enhance the teaching-learning process.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR.4.1.1_Physical%20Facilities.pdf |

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

The department has an infrastructure for all the indoor and outdoor

games. The institution sports field covers an area of three acres located near the hostel premises. The playground facility is inclusive of a cricket practice court, basketball court, volleyball court, football, hockey practice courts, etc.

The indoor hall has the provision for playing table tennis, chess, carrom and to perform yoga. A well- furnished gym is established inside the campus. The physical education classes have been made for all students as a part of the "Personality and Character Development".

Apart from sports and games, the institution provides an excellent platform for conducting cultural activities like singing, dancing, musical composing, quizzes, etc. Our students have participated in the university-level cultural competition and won prizes. Also, management provides the platform for the student to exhibit their talents during the cultural events organized and celebrated by the institution during the annual day, founder's day celebrations of every year.

Apart from the regular sports and games & cultural events, our students have organized several events to conduct and celebrate the Kannada Rajyotsava, which is the celebration of the Karnataka Formation Day or Karnataka Day, which is celebrated on 1 November of every year.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](View%20File) |
| Paste link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR.4.1.2.sports%20and%20Culturals.pdf |

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

100

**4.1.3.1 - Number of classrooms and seminar halls with ICT facilities**

62

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR.4.1.3_ClassRoom.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)**

**221.35**

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

**4.2 - Library as a Learning Resource**

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

**New Gen Lib Library Management System (LMS) with RFID Technology of library automation is implemented in the central library of the institution.**

**The details of the LMS are as follows:**

**New Gen Lib Ver.3.0.4**

**Integrated Library Management System (with RFID Technology)**

**Subscription ID: "NGL171"**

**Library Management System (LMS) allows for the tracking of books,**

journals, magazines, and other materials possessed, orders placed, bills paid, patrons (Staff and Students) who have borrowed the books from the library, and document searches on a variety of categories of books such as authors, titles, year of publications, publishers, and many. Library Management System (LMS) consists of a relational database, software to interact with the database.

Circulation module- contains check out (issues), check-in (return), reservations, renewal or loan, binding management, overdue management, RFID, report of loss items, a record of reference materials, request for check out, each of them is integrated with a unified interface.

Acquisitions module

Serial management

Online Public Access Catalog/Public User Interface (OPAC)- consists of reviewing user ratings, approving user comments, user catalog records, opening OPAC, new arrivals.

New Gen Lib Ver.3.0.4-

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for Additional Information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/4.2.1.ILMS.pdf |

| 4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources | A. Any 4 or more of the above |
|---|---|

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

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

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

**2.64**

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

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

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

**14.51**

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

**4.3 - IT Infrastructure**

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

**Implements the information technology facility to the staff and students to enhance the teaching-learning and research activities and deliver facilities to students to utilize the information technology resources in the institution and attain a higher level in their career. The institution is equipped with high configuration computer systems, that are available to the students and staff members for academic, administrative, and research activities.**

**The institution currently possesses 100 Mbps of internet bandwidth and the entire campus is linked through Local Area Network(LAN) and upgraded according to the latest configurations and trends. The institute has a massive network of 935 computers with 100 Mbps fiber-optic internet connectivity along with a standby 10 Mbps backup link and a Wi-Fi facility with public and private connectivity.**

**Centralized firewall. Three-layer switching LAN is available for the entire campus. D Link (MEGABIT and GIGABIT Switch) 28-port switch is present on each floor of the institute which are connected to the Main D Link 28-port switch. All the laboratories on each floor contain 24 port 10/100 D Link switches. All floors and computer laboratories are connected in Star topology and 150 Mbps bandwidth is shared in LAN. Uninterrupted power supply (UPS) is available in all departmental laboratories computers and administrative systems.**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-4.3.1.pdf |

## 4.3.2 - Number of Computers

**935**

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

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

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

## 4.4 - Maintenance of Campus Infrastructure

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

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

| 599.3 |
| --- |

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

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

**RajaRajeswari College of Engineering has well-framed maintenance systems to maintain physical, academic, and support facilities.**

**PHYSICAL FACILITIES**

**The management of our institution allocates funds regularly to maintain the equipment, instruments, machines, and properties. The Institution has taken steps for effective maintenance of the instrument, infrastructure system active for regular functioning.**

**Laboratories Maintenance Facilities: The departmental laboratories are regularly monitored of the working of the equipment is carried out by the lab In-charges. HODs verify and collect the requirement of request for maintenance from the lab in charge. After HODs verification it is forwarded to the Principal. The principal verifies the details accordingly the budget recomemded for grants for the respective department the same is forwarded to the management for approval. With the requirement of request, the maintenanace are carried out by the lab instructors or faculty incharges and the work completion statement and invoices entry are maintained in the maintenance register of the laboratory. Annual stock verification of each laboratory is carried out at the end of the academic year for maintaining and keeping the laboratories in good working condition.**

**Computer Laboratories Maintenance facilities:**

**Academic facilities:**

**Library Maintenance facilities:**

**Support facilities**

**Sports facilities**

**Transport Facility**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-4.4.2.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

**954**

| 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

**56**

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template) | [View File](#) |

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

**A. All of the above**

| File Description | Documents |
|---|---|
| Link to institutional website | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR_5.1.3.pdf |
| 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**

**1435**

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

**1435**

| File Description | Documents |
|---|---|
| Any additional information | [View File](#) |
| Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template) | [View File](#) |

**5.1.5 - The Institution has a transparent**

**A. All of the above**

**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**

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

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

### 5.2.1.1 - Number of outgoing students placed during the year

**306**

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

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

### 5.2.2.1 - Number of outgoing student progression to higher education

**34**

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

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

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

**4**

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

**5.3 - Student Participation and Activities**

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

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

**01**

| File Description | Documents |
|---|---|
| e-copies of award letters and certificates | **No File Uploaded** |
| Any additional information | **No File Uploaded** |
| Number of awards/medals for outstanding performance in sports/cultural activities at univer sity/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 )

1. Disciplinary committee: Respond to allegations of misbehaviors or academic misconduct, educate the student about the impact of their behaviors, Honest conduct, and rights of others, investigate and respond to complaints.
2. Placement Committee: Establishing contacts with reputed firms and HR, arranging campus interviews, and conducting various placement-related programs. Arranging the soft skill development programs for the fellow students.
3. Hostel and Canteen committee: Maintenance and attending to grievances if any and Night inspections of hostel.
4. Transport Committee: Maintaining the list of commuters on the bus and issuing ID cards.
5. NSS committee: Organizing the blood donation camps through RED Cross society, celebrating swachatha divas, and organizing education awareness programs nearby institutions.
6. NCC: NCC unit has been initiated from the academic year 2021-22. Students are interested to involve in NCC activities.
7. Mentoring of Students: Listening and mentoring the student about theiracademic performance.
8. R&D committee: Planning, developing, and focusing on the overall responsibility of all research activities.
9. Industry Institute Interaction Cell: Building relationship with industries/companies to have the Industry Institute Interaction. Having an MOU with the companies can provide many facilities to the students. The student can fill the gap between industry and institute

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR_5.3.2.pdf |
| Upload any additional information | View File |

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

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

23

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

## 5.4 - Alumni Engagement

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

**Yes,**

**Alumni Association of RajaRajeswari college Engineering, Registered under the Karnataka Society's Registration Act, 1960 dated 8th July 2013 at Bengaluru Karnataka. The Society number is as follows: JNR-S92-2013-14.**

**An alumni association is an association of graduates. RajaRajeswari College of Engineering Alumni Association makes the professional structure, which helps the alumni to get associated with each other. This alumni association acts as a platform for all the alumni members by establishing their inner talents as well as by extending helping hands with each other. Thus, it paves the way to establish, enrich and enhance the skills of every alumni member throughout their lifetime. Provide a variety of benefits and services that help alumni maintain connections to their educational institution and fellow graduates. The purpose of an association is to foster a spirit of loyalty and to promote the general welfare of our organization.**

**Alumni associations exist to support the parent organization's goals and to strengthen the ties between alumni, the community, and the parent organization. One of the main purposes of alumni associations is to support a network of graduates who will in turn help to raise the profile of the university. The students perform better, they get placed in renowned colleges, they are better informed about their prospective college and course.**

Our alumni are taking part in institutional activities like giving career guidance programs, technical seminars, and webinars etc.

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR_5.4.1.pdf |
| Upload any additional information | View File |

| 5.4.2 - Alumni contribution during the year (INR in Lakhs) | A. ? 5Lakhs |
|---|---|

| File Description | Documents |
|---|---|
| Upload any additional information | View File |

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

Vision

To provide an open opportunity to the young generation for evolving their core competencies helping them to build their career as Global professionals to be an Autonomous Institution by achieving excellence in the field of higher education.

Mission

To consistently strive for Academic Excellence to become a leading Institution in the field of Engineering, Management, and Research to produce competent and ethically sound manpower for the benefit of Industry, Society, Nation, and the Global Environment.

The institute has adopted best practices in Governance & Leadership, by way of having clear Vision & Mission statements where it is committed to impart quality education in order to empower youth and women and aims to deliver engineering education through the effective teaching-learning process and update their knowledge & skills to match the global industrial and technological development through defined objectives.

In line with the vision and the mission, the Institution has blended with well-qualified faculty members to enhance the learning of the students and enrich the students with character, building innovative leadership, making them employable and successful in their lives by inculcating life employability, entrepreneurship skills and provide ethical values, ensuring that our institution creates employers, not employees.

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-6.1.1.pdf |
| Upload any additional information | View File |

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

The institution practices an efficient decentralized administration that has complete transparency in all the processes. The Internal Quality Assurance Cell (IQAC) is headed by the Principal and faculty as committee members as per the composition and guidelines as given by the NAAC.

Under the supervision and guidance of the Principal, Heads of Departments are empowered, and the departments are granted academic autonomy, which is a concrete step towards the establishment of an effective decentralized governance system.

The various duties, responsibilities, and activities are required for the smooth operation of the institution are decentralized into different committees, each of which has headed by the senior Professors and members such as faculty members, student coordinators, parent representatives, industrial representatives, etc, and each of these committees is monitored by the Institutional Quality Assurance Committee (IQAC) at both the Institutional and Departmental levels.

The Principal of the institution conducts weekly meetings with the Heads of the Departments to analyze, implement the strategic policies, review the academic activities performed, to fulfill the needs of the students, to improve the quality of the technical education and execution.

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-6.1.2.pdf |
| Upload any additional information | View File |

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

**The institute IQAC prepares a strategic perspective plan as a Short and long-term goals through IQAC chaired by the principal and involve all the stakeholders from the institution.**

**The Institutional Strategic Plans for the long and short terms goals are formed in the following categories: Physical infrastructure, Library & information centre, Research, Development & Innovation, Placement, Internships & Career.**

**The strategic development plan is placed for approval by Governing Body and the next step is its implementation. The Strategy implementation is monitored through the IQAC of being implemented and the progress shall be measured from time to time.**

**New UG Programmes started in Institute**

**The Under Graduate Programme Robotics, and Automation is introduced during the academic year 2021-22 with an intake of 60 students.**

**PG Course and Research centers for all Branches: The institution applied for Research Centre for Civil and EEE department and VTU approved the research centre for the academic year 2020-21.**

**The plans enunciated by the management and principal are communicated to the faculty, students, staff, and other stakeholders through meetings, emails, and other forms of communication. IQAC has framed various coordinators to review the program from time to time and their implementations as per the plan.**

| File Description | Documents |
|---|---|
| Strategic Plan and deployment documents on the website | [View File](#) |
| Paste link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-6.2.1.pdf |
| 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.

The Institute has well defined organizational structure and organogram for effective functioning which represents an organizational chart consisting of Governing Body, Academic and Administrative setup, and various bodies. The Governing Body is the topmost decision-making body consisting of members of the Management, member secretary, distinguished members from the field of education, and nominated faculty members.

The representatives of the Management are the members of the Governing Body of the institute who play the most significant role in designing, implementing, and planning policies. The Management and principal ensure that the institution moves ahead with all the planning to become one of the renowned institutions.

The Principal and Chairman of the IQAC submit proposals related to strategic perspective plan, academic and other functions to the Governing Council and after ratification deploys the same. The institute has academic departments headed by the departmental heads, admission section, establishment section, exam and evaluation section, accounts section guided by the principal.

Service rules, recruitment policies, procedures for the institution, the roles and responsibilities of all faculty members and the supporting staff are made known through the service manual of the institution.

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-6.2.2.pdf |
| Link to Organogram of the Institution webpage | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-6.2.2-Organogram.pdf |
| 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 interfaces | View File |
| Any additional information | View File |
| Details of implementation of e-governance in areas of operation, Administration etc (Data Template) | View File |

## 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The Management of the organization provides various facilities for the benefit of teaching and non-teaching staff to take care of the welfare of the human resources of the institution. The teaching and non-teaching staff, along with the support staff play a vital role in the functioning of the organization.

The well-being of our employees is an utmost significance in our institution. Consequently, the welfare measures for teaching and non-teaching staff are listed in the following order of priority:

1. The teaching and non-teaching staff are provided with the Employees Provident fund. The nonteaching staff are provided with an ESI facility.

2. The Management is committed to provid free health medical
facilities for both teaching and non-teaching staff at Rajarajeswari
Medical College and Hospital (RRMCH) and RajaRajeswari Dental
College and Hospital (RRDCH).

Internet access and free Wi-Fi are also provided on campus for
faculty and staff members.

1. Faculty members are given an individual cabin to create a
pleasant environment for their preparation & teaching.

2. Faculty development programmes (FDP) are organized and conducted
regularly to all faculty members.

3. Attendance and leave are automatically tracked via a biometric
system.

| File Description | Documents |
|---|---|
| Paste link for additional information | [https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-6.3.1.pdf](https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-6.3.1.pdf) |
| Upload any additional information | [View File](#) |

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

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

14

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

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

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

**15**

| 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**

**192**

| File Description | Documents |
|---|---|
| IQAC report summary | **No File Uploaded** |
| Reports of the Human Resource Development Centres (UGCASC or other relevant centers) | **No File Uploaded** |
| Upload any additional information | View File |
| Details of teachers attending professional development programmes during the year (Data Template) | View File |

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

**The Institute has a well-defined Performance Based Appraisal System (PBA) for Teaching staff and an Evaluation system for Non-Teaching Staff where their performance is evaluated annually.**

1.Performance-Based Appraisal System for Teaching Staff: The Institute strictly follows all the essential recruitment and promotional policies as stipulated by Visvesvaraya Technological University (VTU), the All India Council for Technical Education (AICTE), and the Government of Karnataka.

Performance-Based Appraisal system of teaching staff is based on the following parameters Teaching, Learning, and Evaluation Related Activities:-

1. Lectures, seminars, tutorials, and practicals were conducted.

2. Project guided.

3. Additional knowledge and resources provided.

4. Examination Related.

5. Academic progress Record.

6. Student feedback.

7. Result analysis.

8. Co-curricular, Extension, and professional-related activities.

9.Professional development-related activities organized or attended such as seminars and workshops, Organization of FDPs, Seminars, and Workshops

The appraisal for non-teaching staff is carried out by their technical qualifications and ability, knowledge level of understanding, systematic and regular working abilities, punctuality in work, relations with staff, HOD, colleagues, and students. The respective department teaching staff is then forwarded to the HOD. After the reviews of HOD, it is then discussed by the Principal and Management for further proceedings.

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-6.3.5.pdf |
| Upload any additional information | View File |

## 6.4 - Financial Management and Resource Mobilization

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

Financial forecasting is carried out yearly by the Principal and the Administrative Officer considering the budget proposals submitted by the respective Head of the Departments, Wardens, and other departments in accordance with the previous year's details of income & expenditure and the balance sheet.

The budget proposal is prepared and placed before the Governing Board for suggestion and approval.

Financial happenings are carried out by the accounts department under the guidance of the Principal. The entire process is checked regularly by the Financial Officer of the institution. The Financial Officer has suggested and revised the formats of relevance, based on the feedback received from the students and faculty, in consultation with the Principal. Budget allocation is done every academic year for each department under the corresponding heads. Approved budget and its utilization are followed regularly through internal and external financial audits.

Internal Audit: The internal audit is an ongoing continuous process.

External Audit: The external auditor appointed by the institution performs an audit of the financial statements of the institution. The financial records are audited by qualified chartered accountants after the end of each fiscal year is certified income & expenditures, balance sheets, and prepared notes to accounts are certified.

| File Description | Documents |
|---|---|
| Paste link for additional information | [https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-6.4.1.pdf](https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-6.4.1.pdf) |
| Upload any additional information | [View File](View File) |

## 6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

## 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

| File Description | Documents |
|---|---|
| Annual statements of accounts | **No File Uploaded** |
| Any additional information | **No File Uploaded** |
| Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template) | [View File](View%20File) |

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

**The institution has a defined procedure for the mobilization of funds and the optimal utilization of resources. It ensures the efficient, optimal utilization of funds for academic, administrative, infrastructure development, research, and development activities.**

**The funds are generated by the way of fees through the admissions of students are made through Government and Management seats is well documented. Every starting of the Academic year a Budget is prepared to carry out the various activities to enhance the teaching-learning processes every year. The process of budgeting involves- Preparation of the departmental budget - Preparation of the institutional budget.**

**The majority of the revenues required by the institution are generated internally through fees collected. The Directorate of Technical Education (DTE), Government of Karnataka /AICTE sets the fees to be collected from students.**

**The sources of income are:**

**1. Tuition fees collected from students.**
**2. Hostel fees / Mess fees collection.**
**3. Transport Fees.**

**The tuition fee is the Institute's primary source of revenue. Tuition fees are used for college development such as buildings, infrastructure facilities, and maintenance, etc, and are followed by staff wages which include teaching, non-teaching, administrative and supporting staff.**

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-6.4.3.pdf |
| Upload any additional information | View File |

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The IQAC was established in 2015 at our institution to achieve its purposes and attain its objectives at the institutional and program level through the core functions of teaching and learning, scholarship and creative activity, and support for student learning and success. The prime task of the IQAC in RRCE demonstrates that the objectives of the IQAC are performed effectively by evaluating valid and reliable evidence of learning and by supporting the success of every student.

IQAC Contribute, Monitor, and evaluate the Teaching & Learning processes IQAC has helped the teaching community to interpret the Course objectives and Course Outcomes that were introduced for each course by the affiliating University. The head of the department and the class teachers will conduct class meetings periodically for the improvement of the teaching-learning process by deliberating test performance, attendance issues, syllabus coverage, identification of needs for co-curricular activities.

The IQAC has taken an initiative to counsel the students related to academic and non-academic issues through the mentoring system. All the faculties in the organization are assigned with mentees to monitor the progress of the students, will collect feedback related to the understanding of the subjects, their progress in internal assessment, and semester-end examination.

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-6.5.1.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

As a process of continuous and consistent improvement in the overall performance of the institution, IQAC has actively channelized all its efforts to promote academic excellence by analyzing the Internal Assessment (IA) and the end-semester University examinations constantly. IQAC has formed an Internal Academic Audit Committee to check academic-related files across all the departments. The Academic

Audit Committee Members review the record of attendance, internal assessment process, lesson plan execution, lab conduction, proctor system, remedial classes, and other teaching-learning processes twice in a semester.

During the academic year 2020-2021 One UG Program on Artificial Intelligence and Machine Learning with an intake of 60, and in the academic year 2021-2022 One UG Program on Robotics and Automation with an intake of 60 & B.Sc. Honors with an intake of 60 were introduced. The intake of the Undergraduate and Postgraduate programme was enhanced from 789 to 849 during this academic year 2021-2022.

The Institution received many Distinctions in recognition of its contribution in the field of Technical Education, RajaRajeswari Institution Innovation Council (RRIIC) of our institution secured a 4-star rating from the Ministry of Education's Innovation Cell ( MIC) for the year 2020-2021.

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-6.5.2.pdf |
| 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,** | A. All of the above |

**national or international agencies (ISO Certification, NBA)**

| File Description | Documents |
|---|---|
| Paste web link of Annual reports of Institution | https://www.rrce.org/rrce/wp-content/uploads/2016/12/AQAR-6.5.3.pdf |
| Upload e-copies of the accreditations and certifications | View File |
| Upload any additional information | View File |
| Upload details of Quality assurance initiatives of the institution (Data Template) | View File |

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

The institution has a great responsibility regarding gender equality of all gender's equal rights, benefits, responsibilities, and opportunities. The institution through various activities shows that gender equity plays a vital role in equal opportunities for males and females in terms of economic, social, cultural, and political developments.

In this regard, our institute has provided various facilities like CCTV surveillance for safety and security, women's hostel facility inside the campus, Sports facility for women's, providing women's the higher administrative, academic positions in the institute, various committees and clubs of the institution which organizes events and enrichment programs to help them to achieve their goals in their career.

RRCE provides various facilities common to both genders, by including both men and women in all the college-level committees namely, the Anti-ragging committee, Social Grievances committee, disciplinary committee, etc to represent and to give their valuable suggestions in stopping the crimes which disturb the individuality of the students.

RRCE is providing equal opportunities to men and women to exhibit their talents in curricular, cocurricular, and extracurricular

**activities, RRCE is taking suitable care in associating faculty members in case of students going out to represent the institution.**

| File Description | Documents |
|---|---|
| Annual gender sensitization action plan | https://www.rrce.org/rrce/wp-content/uploads/2016/12/7.1.1_Annual%20gender%20sensitization%20action%20plan%202020-21.pdf |
| Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information | https://www.rrce.org/rrce/wp-content/uploads/2016/12/7.1.1_Specific%20facilities%20provided%20for%20women.pdf |

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

**A. 4 or All of the above**

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

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

**RajaRajeswari College of Engineering (RRCE) has practiced waste management practices such as segregation, recycling, and composting. Creating awareness among students, staff, and faculty members to control waste generation during events and daily routine activities has been practiced. The college has housekeeping staff, gardeners, and sweepers who help in the segregation of waste and proper disposal.**

- **Solid waste management**

**Dustbins have been installed throughout the campus for waste segregation. Waste like plastic, metals, glass, cardboard, newspaper, and stationery are systematically collected, segregated**

by housekeeping staff, and sold to authorized vendors for its recycling. Biodegradable kitchen waste from mess and cafeteria, horticultural waste such as dried leaves, twigs, and plant clippings is collected from all around the campus and used for vermicomposting. Waste food and leftover mess and cafeteria are taken away by staff and fed to the centralized biogas plant at RRMCH.

- **Liquid waste management**

Sustainable liquid waste treatment is adopted on the campus through bioremediation using microorganism metabolism which helps to minimize the chemical and biological load of domestic sewage and is good for gardening purposes. Uniform distribution of water and best efficiency is adopted through sprinkler irrigation.

- 

| File Description | Documents |
|---|---|
| Relevant documents like agreements/MoUs with Government and other approved agencies | **No File Uploaded** |
| Geo tagged photographs of the facilities | https://www.rrce.org/rrce/wp-content/uploads/2016/12/7.1.3_Geotagged%20Photographs.pdf |
| Any other relevant information | View File |

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

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

| 7.1.5 - Green campus initiatives include | |
|---|---|

| 7.1.5.1 - The institutional initiatives for greening the campus are as follows: | 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 with trees and plants**

| File Description | Documents |
|---|---|
| Geo tagged photos / videos of the facilities | [View File](#) |
| Any other relevant documents | [View File](#) |

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

| | |
|---|---|
| **7.1.6.1 - The institutional environment and energy initiatives are confirmed  through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities** | `A. Any 4 or all of the above` |

| File Description | Documents |
|---|---|
| Reports on environment and energy audits submitted by the auditing agency | [View File](#) |
| Certification by the auditing agency | [View File](#) |
| Certificates of the awards received | `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 | [View File](#) |
| 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).

**Numerous efforts and activities have been made by the institution to provide an inclusive environment, i.e., tolerance and harmony toward cultural, regional, linguistic, community socioeconomic and other diversity. The institution hopes to cultivate tolerance and harmony between students, faculty, and other stakeholders by hosting a variety of events and festivals.**

**During college's festival, we conduct a traditional clothing competition of various states and fashion show to reflect our Indian culture. In this event, students wore various outfits representing various states, faiths, and civilizations. Students learn about our country's cultures and contribute to the development of tolerance and peace toward cultural, regional, linguistic, communal, social, and other differences.**

**Blood donation camp is annually organized at RajaRajeswari College of Engineering in association with Rotary Club and RajaRajeswari Medical Collegeand Hospital where students, faculty and staff contributed voluntarily by donating blood for the noble cause of serving society and proudly adorn the badge of a blood donor.**

**College and cultural fests facilitate students to work for a fixed goal in unison and this eventually develops a sense of responsibility in them. It elevates confidence and also teaches them how to work in a team and in various challenging situations.**

| File Description | Documents |
| --- | --- |
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | **No File Uploaded** |
| Any other relevant information | View File |

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

**The institution trains students and employees about their constitutional commitments regarding values, rights, duties, and responsibilities and they are continuously working to develop them as better citizens of the country through different curricular and extra-curricular activities. Visvesvaraya Technological University also implemented subject on Indian Constitution and Society across all engineering disciplines in order to raise awareness and sensitize students and workers to their constitutional obligations. The institute hoists the flag during national festivals and welcomes eminent people to encourage students and employees by teaching them about the traits of independence warriors and emphasizing citizens duties and responsibilities.**

**The institution supports student involvement in sports and games, and NSS at the national level in order to develop national bonds and relationships. Many activities are undertaken by the institution, orientation programs, seminar, and workshops, in order to educate future leaders to inherit human values while meeting constitutional duties. Some of the themes covered in Elocution/ Debates activities include ethical values, rights, obligations, and responsibilities of citizens. International yoga day is celebrated every year in the college campus and the main objective behind this observation is to make this ancient practice popular among the present generation of people.**

| File Description | Documents |
| --- | --- |
| Details of activities that inculcate values; necessary to render students in to responsible citizens | View File |
| Any other relevant information | **No File Uploaded** |

| **7.1.10 - The Institution has a prescribed code of conduct for students, teachers,** | **A. All of the above** |
| --- | --- |

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

| File Description | Documents |
|---|---|
| Code of ethics policy document | View File |
| Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims | View File |
| Any other relevant information | No File Uploaded |

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

**Institution celebrates/organizes national and international commemorative days with enthusiasm.**

**Every year the institute organizes national festivals and birth/death anniversaries of the great Indian personality's viz., social reformers, and freedom fighters. These National festivals are celebrated to make the students aware and get motivated to contribute to the nation. The Institution also conducts multiple extension activities and services like tree plantation, blood donation camps, etc.The institution celebrates International Yoga day during every year. As per the directions from the Ministry of Education and AICTE, International Yoga Day was celebrated on 21st June 2021.**

**Institution celebrates National Mathematics day and conducted "Maths Quiz 2020" on the occasion of National Mathematics Day Celebrations 2020 on 22nd December 2020 (Tuesday) by RajaRajeswari Institution Innovation Council. RajaRajeswari Institution Innovation Council & Women Entrepreneurship Cell of RajaRajeswari College of Engineering, Bangalore is jointly organizing International Women's Day. On 75th Independence Day on the campus, Dr. T. Chandrashekar, Principal**

**hoisted the national flag and recited the National anthem along with management in front of a gathering of staff, HOD's, and students of the institution.**

| 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.

**Practice-I**

**1. Title of the Practice: Integrated Teaching**

**An integrated approach allows learners to explore, gather, process, refine and present Information about topics they want to investigate without the constraints imposed by traditional Subject barriers.**

**2. Objectives of the Practice**

**3. The Context**

**4. The Practices**

**1. Seminars**
**2. Technical Videos**
**3. Tutorials**
**4. Hands on Workshops Related to Curriculum**
**5. Industrial Visit**
**6. Projects**
**7. Conferences**
**8. Project Exhibition and Poster presentation**

**5. Evidence of Success**

**Students stated that integrated teachingprepared them learning at ease and helped them to understand the subjectin a improved way. Moreover, the methodology helped them to establish relationship**

among the subjects they had undergone.

6. Problems Encountered and Resources Required

There were initial problems in creating integrating teaching process.

Practice II.

1. Title of the practice: Mentoring System

2. Objectives of the Practice

The Mentoring system assigns a faculty member to every student. The faculty member is called the mentor for the student. The mentor plays the role of a personal mentor for the student in all matters.

3. The Context

4. The Practice:

5. Evidence of success:

6. Problems Encountered and Resources Required

| File Description | Documents |
|---|---|
| Best practices in the Institutional web site | [View File]() |
| Any other relevant information | **No File Uploaded** |

## 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

Distinctive Area: RajaRajeswari Institution Innovation Council (RRIIC)

RajaRajeswari Institution Innovation Council (RRIIC) was established at RajaRajeswari College of Engineering, Bangalore in the year 2019 as per the guidelines of Ministry of Education (MoE) Innovation Cell, formerly Ministry of Human Resource Development (NHRD), Govt. of India. AICTE MIC Approved: IC201912297.

**Scope and Objective:**

**The objective of RRIIC is to create and cultivate a vibrant and self-sustainable Entrepreneurship, Innovation and Start up eco system in RajaRajeswari College of Engineering campus by providing state of the art infrastructure facilities, mentoring support and seed funding support which resulting in Innovation and Entrepreneurship driven employment and economic growth in the southern part of the country.**

**Major Focus of IIC:**

- **Establish a vibrant Innovation and Entrepreneurship Eco System in the campus by providing mentoring support to the faculty members and students.**
- **Encourage, facilitate and support development at least 10 technology based start-ups in RajaRajeswari College of Engineering.**
- **Encourage and support students and faculty members for filing Intellectual Property Right (IPRs) in National and International Patents Offices.**
- **Provide Seed funding support for Technology Commercialization and scalable market reach for the budding entrepreneurs and technopreneurs.**

| File Description | Documents |
|---|---|
| Appropriate web in the Institutional website | [View File](#) |
| Any other relevant information | **No File Uploaded** |

7.3.2 - Plan of action for the next academic year

**1.To prepare the Calendar of Events of the Institution.To prepare the Calendar of Events of the Institution.**

**2. To apply for New UG program in emerging areas to start for academic year 2022-23**

**3. Submission of AQAR 2020-21**

**4. Updating of the ERP Software as per requirements of the Examination Reforms, other staturtory requirements**

**5.To organize Workshops / Seminars / Programs on Career Guidance, Research Methodology, Intellectual Property Rights (IPR),**

Entrepreneurship and Industrial visits.

6.To apply for All India Council for Technical Education (A Statutory body under Ministry of HRD, Govt. of India) under Grant-in-Aid under the Modernization and Removal of Obsolescence (MODROB) scheme to set up Center for Research, DST, CSIR, KSCST, VGST all Schemes

7.To organize Faculty Development and Staff Development and Student Development Programs

8.To publish journals (National / International) in SCOPUS.

9.To apply for financial assistance from VTU,KSCST,BITES,ISERT, Belagavi for carrying out Innovative projects.

10.To organize the pre-placement training and to conduct the guidance program to pursue higher studies to the eligible students.

11. To participate in cultural and sports events at Inter-college and University level 2022

12.To participate in NIRF, ARIA to attain the national level ranking.

13. NAAC -SSR submission academic year2021-22 in month of Jan 2022.

14. Submission of the NBA- Prequalifier, and SAR On beofore June 30 2022

15.To prepare readiness for the quality audit for the academic year 2021-22.