



## **YEARLY STATUS REPORT - 2023-2024**

### **Part A**

#### **Data of the Institution**

<b>1.Name of the Institution</b>		RAJEEV GANDHI MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY
• Name of the Head of the institution	Dr. TALARI JAYACHANDRA PRASAD	
• Designation	Principal	
• Does the institution function from its own campus?	Yes	
• Phone No. of the Principal	08514275201	
• Alternate phone No.	08514275203	
• Mobile No. (Principal)	9440290470	
• Registered e-mail ID (Principal)	principal.9@jntua.ac.in	
• Address	RAJEEV GANDHI MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY NH-40, NERAWADA CROSS ROADS	
• City/Town	NANDYAL-518501	
• State/UT	ANDHRA PRADESH	
• Pin Code	518501	
<b>2.Institutional status</b>		
• Autonomous Status (Provide the date of conferment of Autonomy)	23/09/2010	
• Type of Institution	Co-education	
• Location	Rural	

<ul style="list-style-type: none"> <li>Financial Status</li> </ul>	<b>Self-financing</b>																								
<ul style="list-style-type: none"> <li>Name of the IQAC Co-ordinator/Director</li> </ul>	<b>Dr. P V GOPI KRISHNA RAO</b>																								
<ul style="list-style-type: none"> <li>Phone No.</li> </ul>	<b>08514275203</b>																								
<ul style="list-style-type: none"> <li>Mobile No:</li> </ul>	<b>9440277731</b>																								
<ul style="list-style-type: none"> <li>IQAC e-mail ID</li> </ul>	<b>iqac@rgmcet.edu.in</b>																								
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://www.rgmcet.edu.in/ranking-NAAC">https://www.rgmcet.edu.in/ranking-NAAC</a>																								
<b>4.Was the Academic Calendar prepared for that year?</b>	<b>Yes</b>																								
<ul style="list-style-type: none"> <li>if yes, whether it is uploaded in the Institutional website Web link:</li> </ul>	<a href="https://www.rgmcet.edu.in/academics">https://www.rgmcet.edu.in/academics</a>																								
<b>5.Accreditation Details</b>																									
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<b>6.Date of Establishment of IQAC</b>	<b>10/04/2012</b>																								
<b>7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?</b>																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Institution/ Department/Faculty/School</th><th style="width: 20%;">Scheme</th><th style="width: 20%;">Funding Agency</th><th style="width: 20%;">Year of Award with Duration</th><th style="width: 20%;">Amount</th></tr> </thead> <tbody> <tr> <td>Institution</td><td>Skill Development</td><td>APPSCDC</td><td>07/07/2015</td><td>1500000</td></tr> </tbody> </table>		Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	Institution	Skill Development	APPSCDC	07/07/2015	1500000														
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<b>8.Provide details regarding the composition of the IQAC:</b>																									
<ul style="list-style-type: none"> <li>Upload the latest notification regarding the composition of the IQAC by the HEI</li> </ul>	<a href="#">View File</a>																								

<b>9.No. of IQAC meetings held during the year</b>	<b>02</b>	
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?</li> </ul>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded	
<b>10.Did IQAC receive funding from any funding agency to support its activities during the year?</b>	<b>No</b>	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<p>Implementation of attainment of COs, POs, PSOs in all departments  Soft skill programs and personality development programs for students intended to improve placements  The college received FDP and STTP grants from AICTE  Conduct of Student Induction Programmes &amp; Start-ups in the Innovation and Incubation center within the campus  Participation in NIRF-India Rankings and Mentoring the 3 colleges by using Margadarshan scheme</p>		
<b>12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:</b>		
Plan of Action	Achievements/Outcomes	
To obtain more funded projects from external funding agencies	As per the guidelines issued by various funding agencies from time to time, faculty have applied for various schemes from AICTE, DST, UGC.	
To increase the number of faculty publications in referred journals	In order to maintain the quality research, the faculty are encouraged to publish their articles in SCI/Scopus Indexed Journals.	
To have Memorandum of Understanding with Industrial Academies to improve industry	In order to improve Industry Institute Interaction, the college has made MOUs with	

institute interaction	various Academies like CISCO Networking Academy, AWS Academy, Microchip Academy, Red Hat Academy, Cyber Security Academy, VMware Academy and Blue Prism Academy
To organize Faculty Development Programmes on emerging technologies	College has made mandatory to all the departments to organize One-week FDPs every year. In this connection, all the departments have organized oneweek FDPs on Emerging Technologies during this Academic Year.
To make the students take up innovative and industry related projects.	Final year students are encouraged and motivated to take up innovative projects which are helpful for societal needs. In addition to this, students are also encouraged to undergo Summer Internships to take up innovative projects as per industry needs.
To provide awareness to faculty on Patent Filing and Intellectual Property Rights	The college have been conducted Webinars & FDPs on patent filing and IPRs to provide awareness to faculty.
To focus on E-content development by faculty.	Faculty are encouraged to develop e-content in their respective courses. APSCHE has identified two faculty members to develop e-content on C Programming and Python Programming. This developed econtent will be uploaded in the APSCHE portal which shall be accessed by other colleges in AP.
13.Was the AQAR placed before the statutory body?	Yes
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	

Name of the statutory body	Date of meeting(s)
Academic Council	20/01/2024

14. Was the institutional data submitted to AISHE ?	Yes
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- Year

Year	Date of Submission
2022-23	03/01/2024

### 15. Multidisciplinary / interdisciplinary

The Vision of National Education Policy, to provide high quality education to develop human resources in our Nation as global citizens, is well taken by the RGM CET. A discussion among the faculty members were initiated on the key principles of NEP such as diversity for all curriculum and pedagogy with technological innovations in teaching and learning, encouraging logical decision making and innovation, critical thinking and creativity. In view of the NEP, RGM CET has initiated new interdisciplinary centres integrating different departments in addition to the existing inter/multidisciplinary research and academics. Academic programmes are redesigned to include Multidisciplinary / Interdisciplinary courses as electives. All programmes are designed in such a way that students get maximum flexibility to choose elective courses (open electives) offered by other Departments. It can be said that the RGM CET is proactively working towards implementation of the suggestions given in the NEP. Faculty members are encouraged to take up the interdisciplinary or community development research work by identifying the problems in the society.

### 16. Academic bank of credits (ABC):

RGM CET is very much interested and has enrolled all its students in National Academic Depository which is a government endeavour to offer an online repository for all academic awards under the Digital India Programme. RGM CET has registered in NAD and is in the process of upload students' mark sheets and provisional certificates through the nad.digitallocker.gov.in platform. The National Academic Bank of Credits (ABC) portal has now been integrated into the nad.digitallocker.gov.in platform and is currently live autonomous colleges from the academic year 2021. RGM CET follows a

choice-based credit system for all of its programmes and is now in the process to pass a resolution related to the ABC in the Academic Council. RGM CET will formally register in the ABC portal as soon as the resolution is being approved by the higher academic bodies.

#### 17.Skill development:

UGC has introduced DDU KAUSHAL KENDRAS (DDUKK) for promoting vocational education in continuation to its initiatives for introducing community colleges and B.Voc Programmes realizing the importance and the necessity for developing skills among students, and creating work ready manpower on large scale. RGM CET is one of the institute to implement this concept to start its own DDUKK sanctioned by UGC under self-finance mode. Vocational programmes are introduced based on National Skill Qualification Framework (NSQF). RGM CET aims at providing quality vocational education through DDUKK combining class room centered formal education and training with experience sharing of Industry practitioners and internships in business houses. The focus is towards integrated knowledge acquisition and upgrading human skill towards creating a new league of employable youth. Teaching and training methodology of courses offered under DDUKK are designed accordingly. Our MBA programme is designed in such a way to mould future managers thoroughly conversant with the application of tools and techniques of modern management practices in order to align with the Government of India's National Skills Qualification Framework (NSQF) and requirements of Industry 4.0. This newly adopted curriculum and the training imparted will help management programme aspirants to get fully trained in accordance with NSQF's National Occupational Standards (NOS) developed by Sector Skills Councils (SSC) and requirements of Industry 4.0 so as to enhance the employability for our graduates as per the industry's current human resources requirements. All these steps are marching towards the implementation of NEP in the real sense. The programme structure and contents adhere to the UGC guide lines for vocational programmes in line with National Skill Qualification Framework (NSQF). The programme offers multiple entry and exit options to students where each exit point is linked to a specific job role as specified in NSQF. We offered only three certificate programs namely i) Computer Harder ii) Computer Network Maintenance and iii) IT/ ITes with 50 members in each course. After conferment of Autonomous status in 2010 the institute has introduced 06 additional labs and 06 skill development courses in each branch of engineering to the skills of the students.

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

RGMCET encourages learning of National Language of Hindi. Programmes including webinars and seminars are offered / registered to encourage Hindi learners and understand the cultural values permeated by the literary works in Hindi. Courses namely Environmental Science, Induction Program, Indian Constitution, Essence of Indian Traditional Knowledge and Universal Human Values(Credit) are incorporated in the curriculum.

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

RGMCET offers 09 UG Engineering and 05 PG Engineering apart from MBA and MCA. The institute offers Ph. D programs in 07 departments. All these programmes are offered as outcomes-based education (OBE) which are designed keeping in mind the regional and global requirements. RGMCET has implemented outcome-based education with clearly stated Programme Outcomes, Programme Specific Outcomes and course outcomes. All courses are designed with outcomes centred on cognitive abilities namely Remembering, Understanding, Applying, Analyzing, Evaluating and Creating. Apart from the domain-specific skills, learning outcomes at all levels ensure social responsiveness and ethics, as well as entrepreneurial skills so that student contribute proactively to the economic, environmental and social well-being of the Nation. The Course Objectives (COs) are also aligned to the POPSO philosophy. All course syllabus has been designed with due consideration to macro-economic and social needs at large so as to apply the spirit of NEP.

#### **20.Distance education/online education:**

Due to Covid -19 pandemic, educational institutions in the country have increasingly involved in using the digital platforms for engaging classes, conducting conferences and meetings. Keeping aside the negative impact of lack of face to face learning, online education has broken the geographical barriers creating interaction of experts and students from distant geographies. Opening up of the economy including that of educational institutions has paved the way of adopting hybrid mode or blended mode of education called as 'PHYGITAL' combining online and offline resources. This can be considered as the new normal, which is envisaged in New Education Policy as well. Due to the experience gained during the closure period of Covid-19, access to online resources by educators and students will not be a constraint anymore. Faculties are encouraged to offer MOOC courses as compulsory subjects at RGMCET which promotes the blended learning system of learning.

### **Extended Profile**

<b>1.Programme</b>	
1.1  Number of programmes offered during the year:	<b>15</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>2.Student</b>	
2.1  Total number of students during the year:	<b>4454</b>
File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>
2.2  Number of outgoing / final year students during the year:	<b>941</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.3  Number of students who appeared for the examinations conducted by the institution during the year:	<b>4275</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>3.Academic</b>	
3.1  Number of courses in all programmes during the year:	<b>880</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.2  Number of full-time teachers during the year:	<b>249</b>



File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.3	48
Number of sanctioned posts for the year:	

<b>4.Institution</b>	
4.1	824
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	64
Total number of Classrooms and Seminar halls	
4.3	1214
Total number of computers on campus for academic purposes	
4.4	2162.5
Total expenditure, excluding salary, during the year (INR in Lakhs):	

<b>Part B</b>
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<b>CURRICULAR ASPECTS</b>
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<b>1.1 - Curriculum Design and Development</b>
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1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.
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<p>To develop &amp; implement curricula which are relevant to the local, regional, national, and global developmental needs is a crucial aspect of educational institutions. By aligning the POs and COs with these developmental needs, institutions can ensure that their graduates are equipped with the knowledge, skills, and attitudes required to address real-world challenges and contribute meaningfully to society.</p> <p><b>Needs Assessment:</b> Educational institutions start by conducting a comprehensive needs assessment to identify the requirements of the local, regional, national, and global communities.</p>
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**Programme Outcomes (POs):** Based on the needs assessment, the institution defines the Programme Outcomes (POs). These are broad statements that articulate the knowledge, skills, and attitudes that students should have upon completing the program.

**Course Outcomes (COs):** After establishing the POs, individual courses within the program are designed to contribute to the achievement of these outcomes. Course instructors create Course Outcomes (COs) that describe what students should be able to learn at the end of each course.

**Mapping POs to COs:** There is a mapping process where each Course Outcome is linked to one or more Programme Outcomes. This ensures that the knowledge and skills gained in each course are directly related to the overall outcomes of the program.

**Regular Review and Updating:** This process involves seeking feedback from employers, alumni, and other stakeholders to gauge the effectiveness of the curriculum.

**Industry Collaboration and Internships:** This collaboration can lead to internships, projects, and real-world experiences for students, allowing them to apply their learning to address real developmental challenges.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://rgmcet.edu.in/NAAC/2024/1.1/1.1.1.Index-Addl.Info.pdf">https://rgmcet.edu.in/NAAC/2024/1.1/1.1.1.Index-Addl.Info.pdf</a>

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

13

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development

**offered by the Institution during the year**

**1258**

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.2 - Academic Flexibility**

**1.2.1 - Number of new courses introduced across all programmes offered during the year**

**471**

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System**

**16**

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

**1.3 - Curriculum Enrichment**

**1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human**

Values, Environment and Sustainability, and Human Values into the curriculum

Integrating cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and other value frameworks enshrined in the Sustainable Development Goals (SDGs) and National Education Policy (NEP) - 2020 into the curriculum is a critical step in promoting holistic and responsible education. This integration aims to nurture well-rounded individuals who are not only academically competent but also conscious of their social, ethical, and environmental responsibilities.

To achieve this integration, educational institutions can follow several approaches:

**Curriculum Design and Revision:** RGM CET reviews and revise their existing curriculum to identify gaps and opportunities for integrating cross-cutting issues and value frameworks. This process should involve consultations with educators, subject matter experts, and stakeholders to ensure a comprehensive approach.

**Identification of Key Themes:** Highlight specific themes related to professional ethics, gender, human values, environment, sustainability, and other SDGs-related values that align with various subjects. For example, ethics can be integrated into business and law courses, gender issues into social sciences, and sustainability into environmental studies.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

43

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.3 - Number of students enrolled in the courses under 1.3.2 above

**4043**

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.4 - Number of students undertaking field work/projects/ internships / student projects

**1916**

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.4 - Feedback System

**1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni**

**A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://rgmcet.edu.in/feedback_forms&amp;Survey">https://rgmcet.edu.in/feedback_forms&amp;Survey</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

<b>1.4.2 - The feedback system of the Institution comprises the following</b>	<b>A. Feedback collected, analysed and action taken made available on the website</b>
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File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://rgmcet.edu.in/feedback_forms&amp;Survey">https://rgmcet.edu.in/feedback_forms&amp;Survey</a>
Any additional information	<a href="#">View File</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment of Students

##### 2.1.1.1 - Number of students admitted (year-wise) during the year

1223

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

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

786

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

### 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The college has well-planned multi-level strategies that are implemented from time to time to address the issues of diversity in students' learning levels.

- Special remedial classes are arranged for the slow learners before or beyond the regular class schedule on specific days

for each course and individual attention is paid for improving the students' level of learning, problem-solving and presentation.

- Slow learners are further assisted through individualized counselling by the resident faculty in Educational Psychology of the institution and the regular counselling sessions by the class in charge teachers.

Slow learners are given special attention to improving their performance through one or more of the following:

- Slow learners are paired with good performers to enhance their learning abilities (Peer group learning)
- The soft and communication skills are given special emphasis for the students from rural Backgrounds to improve these skills and thereby bring them to par with regular learners.

To support the advanced learners, the college conducts /encourages

- Programs like coding contests, special training programs on problem-solving approaches, campus specific training, etc
- To take up additional courses like NPTEL - MOOCs, AWS certification (by Edu Skills), learning tools to cover cutting-edge technologies.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://rgmcet.edu.in/NAAC/2024/2.2/2.2.1_Additional.pdf">https://rgmcet.edu.in/NAAC/2024/2.2/2.2.1_Additional.pdf</a>

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2023	4454	249

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## 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 teaching-learning process is a major strength of our college. Students are given the right blend of traditional and modern methods to make learning student-centric and a rewarding experience. Experiential learning, participative learning, and problem-solving methodologies are well adopted to ensure the development of students' knowledge.

#### Participative learning

1.Design/development of solutions: Students develop solutions for real-time problems through the design of system components that meet the specified needs of real-time cases

2.Students are encouraged and presently made mandatory to take MOOCs offered by premier institutions of the country. They include online lectures, demonstrations, and interaction through skype sessions.

3.Project works involving the latest technologies and major problems are investigated to a reasonable level by final year students teams under the supervision of project guides, within the constraints of time and resources in the department.

#### Industry interaction and summer training

1.Practical training/internship is provided to the students of RGM CET through Eduskills and recognized internship institutes.

2.Industry projects and collaborations are undertaken to enrich students with pre-employment training.

#### Problem-solving methodologies adopted are

1.Giving real-time industry case studies at the end of instruction of each unit.

2.Problem-solving approaches are explained for the variety of case studies or sample questions of TCS/Wipro/Infosys written exams



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://rgmcet.edu.in/NAAC/2024/2.3/IIC%20ACTIVITIES_2023-24.pdf">https://rgmcet.edu.in/NAAC/2024/2.3/IIC%20ACTIVITIES_2023-24.pdf</a>

### 2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Effective content delivery by using ICT tools in the classroom for better understanding and reinforcement of the concepts and problem-solving is adopted by all the faculty of the institution. ICT tools complement the traditional teaching-learning methods, and the institute is highly interested in providing innovative methods for enriching the learning experience. The institution has the needed resources which include wide availability of computers in engineering departments and library, highspeed internet access, and general ICT knowhow among the students and the faculty. The faculty are trained for the efficient use of tools through training sessions at the institute and/or faculty development programs conducted by ATAL, Teaching/Learning methodologies include the use of ICT tools for illustrations and special lectures, field studies, case studies, project-based methods, experimental methods, smart classroom sessions, etc.

ICT for course delivery includes PowerPoint presentations, video conferencing, or educational websites. CodeTantra on our college website is a mandatory ICT tool for the learning process and resource management, and it also enables monitoring of students' learning process through online teaching, practice labs, and submission of tasks, etc.

ICT enabled Teaching-Learning Process is supported with Regular Practical Sessions, access to Digital Library, Online Courses (MOOCs, NPTEL, etc.), online journals, Online tests, Use of LCD projectors for seminars and workshops, productive use of educational videos, and accessibility of non-print material for students of different disciplines

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://rgmcet.edu.in/NAAC/2024/2.3/2.3.2_main.pdf">https://rgmcet.edu.in/NAAC/2024/2.3/2.3.2_main.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 2.3.3 - Ratio of students to mentor for academic and other related issues

#### 2.3.3.1 - Number of mentors

237

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

#### 1. Academic calendar

The academic calendar is prepared by the institute and displayed on the notice boards as well as on websites and followed same by all the departments. The calendar, made available to the students before the commencement of classwork, includes:

- First and last day of instruction, schedules of internal and external exams, preparation holidays for final examinations, and vacation periods.
- Academic calendar has strictly adhered. However, in case of any unforeseen situations, necessary change is made by the authorities and the same is displayed on notice boards and websites

#### 2. Teaching Plan

Heads of the department conduct meeting with the faculty well in advance of the commencement of the semester course work, and allocate subjects. A unit-wise teaching plan of the course content, spread over the allotted lecture hours, is prepared to ensure a

uniform pace of teaching. Course coverage is monitored by the concerned HOD and deviations if any, are clarified with the concerned faculty and special classwork is planned.

Faculty member (s) prepares a 'teaching plan' for every theory subject which is duly approved by the Head of the department. This schedule is placed in the course file at the beginning of the semester. The number of hours in the teaching plan is framed depending on the credits of the course and made available to the students. Effective implementation of the lesson and lecture schedules is monitored by the Head of the Department as well as academic auditors.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

249

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

75

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time

**teachers' total teaching experience in the current institution)**

1856

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**2.5 - Evaluation Process and Reforms**

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

17.24

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year**

54

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

**The impact of IT integration on examination reforms are as below:**

**Reforms in the Examinations:**

**The question papers of the end semester examinations are subjected**

to scrutiny to ensure that the question papers adhere to the prescribed syllabi and the revised bloom's taxonomy of cognitive levels. After every examinations the feedback is received by the chairperson of the academic council from the students through the course instructor and the chairperson of the various boards. For the central valuation answer key is made available for all the courses and to all the examiners ensuring transparency and uniformity. The results of the examinations are published online on the same day announcement of the results. The results of the final semester examinations are published early helping the students to honour the placement offers or to take up higher education. The transparency in evaluation is ensured by providing photo copy of the answer scripts to the students. Revaluation/Recounting is permissible and it can be challenged through a review process.

### Continuous Internal Assessment

After every internal assessment test the attendance and the mark scored are entered into the software. The internal assessment marks earned by every student course wise is calculated by the course instructor and posted in the examination system with the due approval of the Head of the Department and the Principal. The internal assessment marks can be viewed both by the student and parents and are also displayed in the department notice board on the last working day.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://rgmexams.co.in">http://rgmexams.co.in</a>

## 2.6 - Student Performance and Learning Outcomes

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

In the strict compliance with the objectives of Outcome Based Education (OBE) and the stated Program Outcomes (POs). The Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the department offering the concerned program after rigorous consultation with all faculty and the stakeholders. After attainment, the same are widely propagated as follows:

- Website
- Classrooms

- Department Notice Boards
- Laboratories
- Parent meet
- Alumni meetings

While addressing the students, the HODs create awareness on POs, PSOs and COs. The faculty members, mentors are inform the students and create awareness and emphasize the need to attain the outcomes.

Program-specific Outcomes (PSOs) are the specific skill requirements and accomplishments to be fulfilled by the students at the micro level and by the end of the program. The BOS, including the Head of the Department and subject experts, of the individual departments will discuss the same and approve it after endorsement by the Principal.

Program Outcomes (POs) are broad statements that describe the professional accomplishments which the program aims at, and these are to be attained by the students by the time they complete the program. POs incorporates many areas of inter-related knowledge, skills, and personality traits that are to be acquired by the students during their graduation.

Course outcomes (COs) are direct statements that describe the essential and enduring disciplinary knowledge, abilities that students should possess, and the depth of learning that is expected upon completion of a course. Finally, they are discussed in the concerned department's BOS meeting coursewise and approved.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://rgmcet.edu.in/NAAC/2024/2.6/2.6.1_1_POs.pdf">https://rgmcet.edu.in/NAAC/2024/2.6/2.6.1_1_POs.pdf</a>

#### 2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Each course has a defined set of course outcomes and corresponding evaluation criteria. The course outcomes are mapped to the program outcomes which are used to provide the quantitative measurement of how well the program outcomes are achieved. The performance of the students in the examinations during the semester in each course is

used to compute the level of attainment of the POs and PSOs through the mapping of questions to COs and COs to POs and PSOs.

## PO Attainment

Assessment methods include direct and indirect methods and are evaluated as per the rubrics framed. The process of program outcome assessment by the direct method is based on mid examinations, semester end examinations, and assignments. Each question in mid/semester end/assignment is tagged to the corresponding CO and the overall attainment of that CO is based on the average mark set as target for final attainment.

1. Mid Examinations are conducted twice a semester and each of them covers the evaluation of all the relevant COs attainment.
2. Semester End Examination is descriptive, and a metric for assessing whether all the COs are attained.
3. The indirect assessment is done through the course end survey

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://rgmcet.edu.in/NAAC/2024/2.6/2.6.2_additional.pdf">https://rgmcet.edu.in/NAAC/2024/2.6/2.6.2_additional.pdf</a>

## 2.6.3 - Pass Percentage of students

### 2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

940

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://rgmcet.edu.in/NAAC/2024/2.6/2.6.3_AnnualReport2023-24.pdf">https://rgmcet.edu.in/NAAC/2024/2.6/2.6.3_AnnualReport2023-24.pdf</a>

<b>2.7 - Student Satisfaction Survey</b>
<b>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</b>
<a href="https://www.rgmcet.edu.in/feedback_forms&amp;Survey">https://www.rgmcet.edu.in/feedback_forms&amp;Survey</a>
<b>RESEARCH, INNOVATIONS AND EXTENSION</b>
<b>3.1 - Promotion of Research and Facilities</b>
3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented
<p>Rajeev Gandhi Memorial College of Engineering and Technology(RGMCET)is established with a vision to become the choicest institute of technology and a hub to academic, industrial research and development. The main motto of RGMCET is to serve the global Engineering community through the dissemination of knowledge on recent advances in different fields of Engineering, in association with basic science experts, through its several departments. RGMCET has excellent laboratory facilities and encourages faculty to undertake sponsored research projects with a commitment to serve society. RGMCET has good laboratory facilities for master's degree and Ph.D. students. The institute encourages the innovative ideas of the graduate, postgraduate students, and research scholars, by providing the required infrastructure to the interested faculty, and financial support to work on their new ideas. RGMCET R &amp; D cell allocates special funds for the students to do B.Tech projects, to the faculty for doing in-house projects. Research and development are carried out in several areas such as composite materials, communication engineering, environmental engineering, IoT, machine learning, robotics, smart grids, power systems, construction materials, and thermodynamics. All the engineering streams have been recognized as research centers by JNTUA Ananthapuramu, Andhra Pradesh. RGMCET adheres to the guidelines of the JNTUA.</p>



File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://www.rgmcet.edu.in/assets/img/documents/Research%20Policy.pdf">https://www.rgmcet.edu.in/assets/img/documents/Research%20Policy.pdf</a>
Any additional information	<a href="#">View File</a>

### 3.1.2 - The institution provides seed money to its teachers for research

#### 3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

**7.16**

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

**32**

File Description	Documents
e-copies of the award letters of the teachers	<b>No File Uploaded</b>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.2 - Resource Mobilization for Research

#### 3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

#### 3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	<a href="#">View File</a>

#### 3.2.3 - Number of teachers recognised as research guides

57

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

#### 3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

0

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

### 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Entrepreneurship Development Cell (EDC) at RGM CET was established. EDC is a Platform for the students dedicated to the development of multidimensional skills. EDC is a forum where interdisciplinary students with heterogeneous competencies are brought together. It invites various eminent entrepreneurs to deliver lectures to educate students about the joys and hardships of entrepreneurship. Guest Lectures, Workshops, Case studies, Group Discussions are conducted throughout the year to involve students in activities that are essential to be an entrepreneur. The Entrepreneurship Development Cell aims at recognizing and developing the entrepreneurial skills of individuals. To be a successful entrepreneur an individual needs to be a leader, a team player, and a risk-taker. The student should also be an excellent judge of opportunities and recognize the potential a market can offer. A good entrepreneur has to analyze the market, plan and implement his ideas for a better society. Keeping these objectives in mind the E-Cell functions to guide the budding Entrepreneurs in their endeavor. Many ideas are incubated at EDC leading up to Start-Ups. The individual department interacts with the industry to ascertain its needs to fill the gap in the curriculum. The gap is filled by arranging workshops addressed by industry personals. Industry institution relationship works in the following are Industrial visits for students and faculty. Faculty members regularly interact with the industry to understand functional challenges through applied research or student projects. Expert lectures by industry personals were given to the students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.rgmcet.edu.in/Incubation">https://www.rgmcet.edu.in/Incubation</a>

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

55

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software**

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

#### 3.4.2.1 - Number of PhD students registered during the year

26

File Description	Documents
URL to the research page on HEI website	<a href="https://www.rgmcet.edu.in/research%20centers">https://www.rgmcet.edu.in/research%20centers</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

321

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

27

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://rgmcet.edu.in/NAAC/2024/3.4.4/Books.pdf">https://rgmcet.edu.in/NAAC/2024/3.4.4/Books.pdf</a>

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

#### 3.4.5.1 - Total number of Citations in Scopus during the year

76

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>

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

#### 3.4.6.1 - h-index of Scopus during the year

31

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.5 - Consultancy

#### 3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

2.54

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	<a href="#">View File</a>

### 3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The Institute inculcates social value and responsibilities to the faculty members and students by imparting extension activities in the neighborhood for the holistic development of the society. The Institute is committed to carving out a generation that would take an active role in social activities. With this aim in view, extension services are made available to nearby schools, villages, and communities. Extension activities are encouraged to be taken up by the students to fulfill the aspirations of the vision and mission statements of the institution. Holistic development of the individual is the aim with which the students are encouraged to participate in extension activities through agencies such as NSS, clubs, and societies. The institution encourages students to participate in curricular, cocurricular, and extracurricular activities. The institution has an active NSS wing which takes up projects like keeping the college clean and green, doing community service by conducting awareness drives through street plays to educate people on literacy and cleanliness, organizing blood donation camps, and the like. The students feel a sense of responsibility and believe that they need to give back to society and the environment that they have taken. Institute's NSS Unit student volunteers take up social service activities such as special camps in adopted villages, service to orphanages, tree plantation, yoga classes, and flood relief camps. All these programs develop in the students a sense of responsibility, accountability, integrity, and human values towards achieving the vision and mission of the institution.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

8

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

50

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

5776

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 3.7 - Collaboration

### 3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

2447



File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

10

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 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 equipments, etc.

The institution ensures adequate availability and optimal utilization of physical infrastructure as it is critically linked to the vision of the college- 'to create an environment of excellence in education through technologically advanced pedagogical tools. At the beginning of the academic year, need assessment for replacement / up-gradation / addition of the existing infrastructure is carried out based on the suggestions from BOS members, Heads of the departments, feedback from stakeholders, outgoing students, lab technicians, and system administrators after reviewing course requirements, computer student ratio, budget constraints, working condition of the existing equipment and also students' grievances. Effective utilization of infrastructure is ensured through the appointment of adequate and well-qualified lab technicians/system administrators. The optimal utilization is ensured through encouraging innovative teaching-learning practices. In general, two or three students will be working on each experimental setup. On the ratio of 1:1 computing facility are provided in computing labs.

RGM CET has dedicated space for every department with classrooms and laboratories and other facilities with built-up area of 51337 Sq.mt spread over 32.04 acres. Facilities for teaching learning Internet through LAN and Wi-Fi facilities across the campus including hostels is made available on 24/7 basis.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

The Physical Education Department of RGM CET established in 1995 with adequate facilities for sports, Cultural and gymnasium. The details of the courts/grounds are as follows.

S. No

Name of Ground/Court

Area in Sq. Ft

Year of Establishment

1

Cricket

27556

1995

2

Foot Ball

25000

2003

3

**Hand Ball**

**8557**

**2006**

**4**

**Throw Ball**

**2403**

**1995**

**5**

**Tennocoit**

**2052**

**2006**

**6**

**Shuttle (Doubles)**

**880**

**2005**

**7**

**Shuttle (Singles)**

**880**

**2005**

**8**

**Basket Ball (Concrete)**

**2108**

**2006**

9

Kabaddi

1400

2005

10

Volley Ball

1770

2005

11

Tennies

2810

2015

12

Cultural Hall

6000

2015

13

Gymnasium

6500

2010

There is a well-established gymnasium - the fitness center with the area of 6500 sq. ft is kept open bothin the early mornings and late evenings. YOGA classes are arranged every day at Open Air Auditoriumfor the students by yoga teacher.The college has Cultural committee comprising of faculty and students as members. The studentmembers are formed into a group named Student Activity Club

(SAC). The Cultural Committee is having different clubs such as DANCE CLUB, MUSIC CLUB, PHOTOGRAPHY CLUB, and HELPING HANDS. The SAC teams actively organize different events under different clubs throughout the year.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

54

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

99.35

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 4.2 - Library as a Learning Resource

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

**Name of the ILMS Software:** KOHA **Nature of Automation:** Automated all essential operations **Year of Automation:** 2008 (LIBSYS LSEase software) and from 2023 (KOHA) to till date **Version:** Latest version **Area of Central Library:** 18000 Sq. Ft **Working Days:** Monday to

Saturday (8:00 AM to 8:00 PM) Number of working Staff: 07. Number of computers available: 20

Digital Library A well-equipped digital library is functioning with 20 computers. All the subscribed e-resources like ejournals, e-books, e-database are available which can be accessed through IP based and from remotelocation. Other digital resources such as subject CDs, Soft copies of Students Project Reports and Questions papers can be accessed from the library.

#### List of Books, Journals and Electronic Resources

S.NO

BRANCH

TITLES

VOLUMES

NATIONAL JOURNALS

Print

INTERNATIONAL JOURNALS

Print

ELECTRONIC

RESOURCES

1

E.C E

1825

11998

29

9

1. IEEE ASPP ONLINE DIGITAL LIBRARY- [www.ieeeexplore.ieee.org](http://www.ieeeexplore.ieee.org)

2. INFLIBNET NLIST Digital Library

[www.nlist.inflibnet.ac.in](http://www.nlist.inflibnet.ac.in) 3.DELNET

[www.delnet.nic.in](http://www.delnet.nic.in)

4. Knimbus an interface for all open access resources to global e-journal literature

<https://jntuaengg.knimbus.com/user#/home>

5.VoD's from IIT Kharagpur

6. NPTEL Video Lectures

7. e-PG Pathshala; <https://epgp.inflibnet.ac.in/>

8. National Digital Library of India

[www.ndl.iitkgp.ac.in/](http://www.ndl.iitkgp.ac.in/)

9. e-PG Pathshala;<https://epgp.inflibnet.ac.in/index.php>

2

E.E.E

1605

10024

22

7

3

C.S.E

3616

19765

23

22

4

M.E

1371

7250

30

7

5

Civil

1034

5783

30

7

6

MBA



810	
6330	
22	
12	
7	
BASIC SCIENCES	
1640	
8241	
19	
8	
SC BOOKS	
410	
4373	
9	
ST BOOKS	
430	
2171	
Total	
12741	
75935	

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources**

**A. Any 4 or more of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	No File Uploaded

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

**25.71**

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

**4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)**

**4.2.4.1 - Number of teachers and students using the library per day during the year**

**558**

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The institute has always given priority for up-gradation of IT facilities. Regular updating is done in facilities at the institute level as well as department level. The description of the same is provided below.

**Internet Connection:** The institute regularly updates the internet connection every year and as of now, the available internet bandwidth is 1Gbps. At present we are using 1GBPS leased line from D-Atum Vilcom Private Limited. We are providing Wi-Fi facility to students at both hostels as well as in campus. Campus is having 1Gbps of high speed internet facility. The institute has a 24x7 Wi-Fi facility both in college campus for the student and faculty members to avail internet connection at any place in the college & hostel. The connectivity through a fully networked campus with state-of-the-art IT infrastructure, computing & communication resources, offers students the facilities of online learning, online classes, e-mail, net surfing, developing web based applications and testing applications using Amazon web services. Besides helping them in preparing projects & seminars.

Mathematica Professional Version 5.2, Add on Products For Mathematica, IDL (Interactive Data Language), McAfee Virus Scan Enterprise Version 8.1, Informatica Power Centre, Adobe CS2 Premium, Oracle 10g Standard One Edition, Simscript, Rational Suite Enterprise, Turbo C++ Suite, Simscript, NAG C, Mathematica 5.2, Multisim, MATLAB 7.1V, SIMULINK, Multisim V9.0, Multi MCU V9.0, ADE-VHDL V7.2, ADE-VLOG V7.2, MATLAB Toolboxes (Communication, Signal Processing, Image Processing).

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4206	1214

File Description	Documents
Upload any additional information	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

**A. 750 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

**C. Any two of the above**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<b>Nil</b>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

### 4.4 - Maintenance of Campus Infrastructure

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

**63.41**

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

**Laboratory** The equipment in the laboratories are maintained under three schemes 1. Annual maintenance contract for sensitive equipment 2. On call maintenance for other equipment. Equipment servicing and calibration are taken up annually during the vacation. 3. Calibration is carried wherever and whenever is required. Calibration charts are maintained in laboratories.

**Civil and Electrical Maintenance** The civil maintenance works are handled by a team of qualified civil engineer and skilled plumbers and carpenter. The electrical maintenance team consisting of certificated electricians taking care of installation and maintenance of generators, UPS solar power panel and also monitor energy consumption and conservation. Any electrical replacement is taken up through a written request and completed within 24 hours. Transport The transport system has 40 buses, 3 cars and an ambulance for everyday commutation of students and staff. Two senior faculties take care of the maintenance of the transport system. An exclusive transport in charge at the central facility takes care of the fitness certificate for the drivers, vehicle fitness.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

3042

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

185

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology**

**A. All of the above**

File Description	Documents
Link to Institutional website	<a href="https://rgmcet.edu.in/SEP.pdf">https://rgmcet.edu.in/SEP.pdf</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year**

2321

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely**

**A. All of the above**

**redressal of grievances through appropriate committees**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**5.2 - Student Progression**

**5.2.1 - Number of outgoing students who got placement during the year**

**474**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**5.2.2 - Number of outgoing students progressing to higher education**

**16**

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year**

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

14

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 5.3 - Student Participation and Activities

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

147

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Rajeev Gandhi Memorial College of Engineering and Technology (Autonomous) offers numerous opportunities for students to excel academically and administratively while fostering personal growth. Students actively participate in various committees and initiatives that enhance campus life.

The Anti-Ragging Committee and Squad include student members who assist in awareness campaigns, monitoring, and preventing ragging incidents. The Class Committee, comprising faculty and student representatives, focuses on improving academic performance and maintaining discipline.

The Anti-Sexual Harassment Committee engages students in promoting campus safety, supporting victims, and raising awareness. The Library Committee involves students in suggesting resources, organizing events, and improving library services. In the Student Activity Club, students plan and execute extracurricular activities, promoting a vibrant campus culture.

Student representatives also contribute to the Internal Quality Assurance Cell (IQAC) for quality initiatives. Additionally, students play active roles in organizing technical, cultural, and



sports fests and leading professional societies and clubs. These activities ensure a holistic and inclusive learning environment.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://rgmcet.edu.in/student%20clubs">https://rgmcet.edu.in/student%20clubs</a>

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

22

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Rajeev Gandhi Memorial College of Engineering and Technology Alumni Association maintains strong connections with over 6,000 members, bridging alumni and the institution. It fosters collaboration to support the college's vision and enhance value for all stakeholders. The association facilitates networking among alumni and links the institution to the business world.

An annual Alumni Meet, organized with support from management, provides a platform for alumni to share experiences, offer suggestions, and discuss professional insights. This event helps alumni reconnect and contribute to institutional growth.

### Key Contributions by Alumni:

- **Curriculum Enrichment:** Alumni participate in Boards of Studies (BoS) to enhance curriculum and syllabus quality.
- **Technical Sessions:** Alumni organize seminars, guest lectures, and workshops to guide students on employability and global opportunities.
- **Industry Relations:** Entrepreneurial alumni arrange industrial

visits, mentor students on startups, and support internships.

- **Placement Support:** Alumni in prominent roles share job opportunities, aiding student placements.
- **Financial Contributions:** Alumni contributed ₹18.71 lakhs to the association this year.

The association ensures a lasting impact on the institution and its stakeholders through active involvement and support.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://rgmcet.edu.in/alumni">https://rgmcet.edu.in/alumni</a>

#### 5.4.2 - Alumni's financial contribution during the year

A. ₹ 15 Lakhs

File Description	Documents
Upload any additional information	<a href="#">View File</a>

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The governance of the institution through the Governing Body chaired by the Managing Trustee i.e., the Chairman is reflective of an effective leadership. The members of the Governing body include the nominees from the University Grants Commission, the State Government, and the Affiliating University, industry-holding senior positions, and entrepreneurs.

**Vision of the Institution:**

- To develop this rural-based engineering college into an institute of technical education with global standards.
- To become an institute of excellence that contributes to the needs of society
- To inculcate value-based education with noble goal of "Education for peace and progress"

### Mission of the Institution:

- To build a world-class undergraduate program with all required infrastructure. that provides strong theoretical knowledge supplemented by the state of art skills.
- To establish postgraduate programs in basic and cutting-edge technologies.
- To create a conducive ambiance to induce and nurture research.
- To turn young graduates into success-oriented entrepreneurs.
- To develop linkage with industries to have strong Industry-Institute interaction.
- To offer demand-driven courses to meet the needs of the industry and society.
- To inculcate human values and ethos into the education system for an all-round development of students.

The institution practices decentralization and participative management reflecting the effectiveness of the leadership.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.rgmcet.edu.in/NAAC/pdf/C6/6.1.1_1693903419_12856.pdf">https://www.rgmcet.edu.in/NAAC/pdf/C6/6.1.1_1693903419_12856.pdf</a>

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

#### Decentralization

The Principal is authorized by the Governing Body to manage the school's academics. The Principal can make academic choices as the institution's head and academic council chair. The Governing Body has granted the Principal cheque signing power of up to Rs.2 lakhs and financial decisions up to Rs. 50,000 each month. The Principal is fully authorized for all hostel purchases, operations, personnel recruiting, and payments as warden.

#### Participative Management

The Governing Body believes in delegating responsibilities to ensure active involvement and accountability. Each senior faculty member has extra duties outside of academics, administration, and research. Faculty members convene Grievance Redressal, Anti-ragging, class

committees, ISO, Discipline and Welfare, IQAC, Student Counselling, Women Empowerment, Magazines, Newsletters, and Academic Calendar committees. Faculty members serve on numerous committees in addition to becoming convenors. Participative management increases accountability, ownership, and thus the greatest results. The class committee collects student comments on teaching-learning, assessment, and other activities. The course instructors collect student comments on end-semester exams. This participatory management improves performance.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://rgmcet.edu.in/NAAC/2023/6.1/6.1.1.pdf">https://rgmcet.edu.in/NAAC/2023/6.1/6.1.1.pdf</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

### Strategy Development:

1. The faculty members working in different departments have been grouped into different competency domains. As an illustration the competency team of material engineering has faculty members from the departments of Physics, Mechanical Engineering.

Similarly, multiple such competency groups like IOT and Embedded systems, Artificial Intelligence and Data Science, Cyber Security, VLSI Design and Testing have been formed.

1. The industries are being interacted with to work on problem solving, sponsored research and consultancy assignments. The above requirements from the industries are assigned to the relevant competency groups for solutions.
2. The problems assigned to such groups also involve the appropriate students and the solutions are worked out jointly by the students and the faculty members with the faculty members taking the ownership of the schedule, delivery, review and documentation.

3. The faculty competency groups are motivated to attend training in the industries, in premier academic institutions and research labs for competency enhancement and also facilitating peer enablement.

The faculty members of various competency groups work together to arrive at innovations faster with efficiency in problem solving. Such assignments help in revenue generations and the revenue thus generated are shared with the faculty team as incentive.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://rgmcet.edu.in/NAAC/2023/6.2/6.2.1(19).pdf">https://rgmcet.edu.in/NAAC/2023/6.2/6.2.1(19).pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Apart from teaching and evaluation, research in developing fields and knowledge creation are emphasized, leading to publications in reputable international journals. Faculty publications assist assign some innovation as projects to students for further inquiry under the supervision of the project supervisor. These students publish their discoveries in publications or present them at national and international conferences, which boosts their profile and increases their chances of getting into college. The affiliating university recognizes Research Centre for Ph.D. programmes, whose scholars publish in reputable journals and conferences.

Over the past five years, technical paper publication has increased in number and quality. Incubation and Excellence Centres are other key research consequences. These programmes inspire students to start businesses.

The college has Centre of Excellence, including High-Speed Jet Flows, Medical Imaging, Biofilms, Sustainable Construction Materials, Assistive Technologies, Data Science, MEMS and Micro Fluidics, Renewable Energy Sources, Electric Vehicles, Food Products and Processes Designs, Internet of Things, Machine Vision, Digital Manufacturing, Computational Fluid Dynamics, and Embedded Technologies. For instance, research on solar energy systems and the

installation of 5 kW solar panels on the B-block terrace led to the creation of a Centre of Excellence in Electric Vehicles and an e-Cycle unit for campus transportation.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://rgmcet.edu.in/NAAC/2024/6.2/6.2.2.pdf">https://rgmcet.edu.in/NAAC/2024/6.2/6.2.2.pdf</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://rgmcet.edu.in/NAAC/2023/6.2/6.2.1(19).pdf">https://rgmcet.edu.in/NAAC/2023/6.2/6.2.1(19).pdf</a>

**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	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The institution has welfare measures and schemes both for teaching and nonteaching faculty. The following statutory benefits are provided to all the employees of the organization.

- PF contributions by the Employee and an equal contribution by the Employer for all the eligible.
- CL, Medical leave and maternity leave with pay for 2 children.
- Special leaves to take up the Academic activities.

- Special leave for Ph.D. thesis preparation and submission.
- Post-doctoral leave as per norms with financial assistance.

#### Group Insurance

#### Career development and progression

A transparent policy is available ensuring career development and progression. The teaching faculty are encouraged to register for Ph.D while working with the institution. The non-teaching staff are encouraged for qualification improvement. Those having a diploma are supported to pursue B.E/ B.Tech part-time programmes and on completion of graduation become eligible for elevation/ promotion

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.rgmcet.edu.in/research-incentives">https://www.rgmcet.edu.in/research-incentives</a>

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

14

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

#### 6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

3

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

504

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 6.4 - Financial Management and Resource Mobilization

#### 6.4.1 - Institution conducts internal and external financial audits regularly

Rajeev Gandhi Memorial College of Engineering and Technology management is having a plan for proper utilization of financial resources at the beginning of every financial year.

#### Finance team:

The management representative, principal, finance manager and budget committee monitors the utilization of resources.

#### Funds for the COLLEGE:

- Funds have been received from the student fees, government and Non- Government agencies.
- PARAMESWARA EDUCATIONAL TRUST also supports the college to develop the infrastructure and to purchase the equipment.

#### Interest on corpus fund



## Budget Planning:

Every year heads of the department have to submit the budget requirements to the management through proper channels. Budget committee analyses the submitted documents and reports the optimal summary to the management for approval. The management approves the funds based on the need. The allocated funds are utilized to purchase equipment, chemicals, consumables, non-consumables, machineries, etc. Also some of the funds are allotted to organize seminars, workshops and conferences etc. Rajeev Gandhi Memorial College of Engineering and Technology management also allots the funds for the faculty development and welfare (Rs.7500 per faculty per year for enhancing their skills).

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://rgmcet.edu.in/NAAC/2024/6.4/6.4.3.pdf">https://rgmcet.edu.in/NAAC/2024/6.4/6.4.3.pdf</a>

## 6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

7.63

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

### Procedure for Internal Audit

Internal Audit is being conducted on a continuous basis by the Finance Team members allocated for audit and reports are submitted to the management on a monthly basis. The procedure is as follows:

- Expenses.
- Vouchers and supporting bills and invoices are verified for

its correctness.

- Approvals and authorization are verified with the Instructions.
- Accounting of expenses according to the nature of the expenses is verified for correct reporting.
- Actual expenses are compared with the Budget approved earlier to evaluate the variances and corresponding Approvals.
- Statutory deductions such as TDS are verified.
- All the fee pay-in-slips are vouched with the Bank statements.
- Surprise cash verifications are conducted to verify the petty cash transactions.
- BRS Statements are verified every week.
- Statements of Sundry Creditors aging are verified.
- Payroll statements along with the attendance registers are verified on monthly basis.
- Fees receivable statements are verified with the books of account.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://rgmcet.edu.in/NAAC/2024/6.4/6.4.3.pdf">https://rgmcet.edu.in/NAAC/2024/6.4/6.4.3.pdf</a>

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Internal Quality Assurance Cell (IQAC)/ Internal Quality Assurance System (IQAS) has contributed significantly for institutionalizing the quality assurance strategies and processes, by constantly reviewing the teaching-learning process, structures & methodologies of operations and learning outcomes, at periodic intervals Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes visible in terms of - Incremental improvements made for the preceding five years with regard to quality (in case of first cycle) Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles)

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://rgmcet.edu.in/NAAC/2024/6.5/6.5.1.pdf">https://rgmcet.edu.in/NAAC/2024/6.5/6.5.1.pdf</a>

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms Describe any two examples of institutional reviews and implementation of teaching learning reforms facilitated by the IQAC within a maximum of 500 words each.  
Response: The IQAC reviews, the teaching learning process and the methodologies and learning outcomes at periodical intervals through the norms prescribed by the IQAC.

In order to ensure the effectiveness of the teaching learning process, the course file prepared by every faculty is being audited by the IQAC. The faculty members are expected to prepare the course file and complete the same at least two weeks prior to the commencement of the academic semester. After the completion of every internal assessment test, a team of senior faculty constituted by the IQAC conducts question paper scrutiny of the internal assessment questions to ensure the quality.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://rgmcet.edu.in/NAAC/2023/6.5/6.5.2(7).pdf">https://rgmcet.edu.in/NAAC/2023/6.5/6.5.2(7).pdf</a>

**6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)**

**A. Any 4 or all of the above**

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://www.rgmcet.edu.in/assets/img/documents/IQAC%20Meetings%202023-24.pdf#toolbar=0">https://www.rgmcet.edu.in/assets/img/documents/IQAC%20Meetings%202023-24.pdf#toolbar=0</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 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

Promoting gender parity and gender sensitization is a top priority for the organization. 34% of students are female, while 27.7% of the teaching staff are women. Equal opportunities are also granted to female faculty members to oversee departments as heads of departments and to serve as coordinators for various initiatives. The organization has a dedicated Women Empowerment Cell. This cell's goal is to encourage and inspire women to prioritize equity, women's independence, and self-reliance. This cell runs gender-sensitization programs for both boys and girls to help them realize the need of equity and mutual respect so that they may carry these traits into their futures in both their personal and professional lives. The girl students are given equal responsibilities both in classroom activities and also in Co- Curricular and extracurricular activities as below.

1. Every class has 4 representatives - Two boys and Two girls

2. Activity Clubs and Professional Society Chapters have Committee consisting of both boys and girls.

3. In the sports and cultural activities, the Secretary and Incharge responsibilities are taken by the girls as

well.

4. Active Participation of Girl Volunteers is encouraged by the NSS Units.

5. Considering the extensive participation of girl students in all the activities the Best Outgoing Girl student of the college is awarded on the occasion of Women's Day Celebrations.

6. The Institute is having Women Physical Education Trainer exclusively to encourage the girl students to take participation in Sports and Games.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://rgmcet.edu.in/NAAC/2024/7.1./7.1.1-frontpage.pdf">https://rgmcet.edu.in/NAAC/2024/7.1./7.1.1-f rontpage.pdf</a>

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

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

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

**A. SOLID WASTE MANAGEMENT:**

The waste generated in the campus are paper, metals, dry leaves, wooden wastes, glass, wrappers, organic wastes from canteen etc. The bins for collection of solid waste are located at prominent places throughout the campus. Old newspapers, used papers, records, cart boxes and workshop scrap are given for recycling to external agencies.

**B. LIQUID WASTE MANAGEMENT:** The rejected water from the Reverse Osmosis (RO) machine is used for three purposes in campus for planting the lawns, mopping and motor vehicle washing (weekly once). The rejected water from RO and the normal tap water when mixed with an equal proportion is used for mopping the floors.

**C.E-WASTE MANAGEMENT:** Electronic equipment contains many hazardous metallic contaminants such as lead, cadmium, and mercury. Disposal of e-waste is global environmental and public health issue.

**D-WASTE WATER RECYCLING:** There is a sewage treatment plant functioning in the campus with the capacity of 250KLD litres per day for treating the water from all the blocks in the campus including the hostels and installed STP plant.

**E-HAZARDOUS CHEMICAL WASTE MANAGEMENT:** Chemical Wastage from the Various Laboratories is safely disposed by the college. The standard protocol of disposing the Hazardous Chemicals is followed by the institute.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

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

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways

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

**4. Ban on use of plastic**  
**5. Landscaping**

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

**7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy 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	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-**

**A. Any 4 or all of the above**



**reading software, mechanized equipment, etc.**  
**Provision for enquiry and information:**  
**Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.**

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	<a href="#">View File</a>
Details of the software procured for providing assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

To promote diversity among the students and faculty, the institution provides an enabling environment for the co-existence of the people coming from different culture, region, linguistic and other socio economic diversities. The institution has made efforts to provide an inclusive atmosphere that encourages peace, tolerance and harmony among students and faculty. By virtue of the admission process, students across the all districts of the state and cross sections take admissions based on the merit as per the AP state council guidelines apart from few from other states. The institution provides equal opportunities to the students in various activities, irrespective of their caste, creed, religion, language, culture and region. In order to ensure holistic development of students and staff, the institution encourages them to involve in community services to develop good citizenship. The staff and students belong to different communities like Hindus, Muslims, Christians etc. Students will be guided, motivated and groomed independent of their region, religion etc. Sports and cultural activities are organized in the campus to encourage and positive attitude among students. Every student will have equal opportunity to be part of the co-curricular and extra-curricular activities and taking leadership in the events organized in the college. The Institution follows the reservation policy as AP Government norms. Nearly 50% of the students are from reserved category which includes socially and Educationally Backward Communities and Scheduled Caste and Scheduled Tribe. Academic, non-academic and socio-cultural activities organized in the Institution promote harmony among the members.



File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>

  

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

Sensitization of students and employees in an institution to constitutional obligations is crucial for fostering an informed, responsible, and active citizenry. This process involves educating individuals about the fundamental values, rights, duties, and responsibilities enshrined in the Constitution, which guide the functioning of society and the nation as a whole. By emphasizing the principles of justice, equality, liberty, and fraternity, institutions can instill a deep sense of respect for the Constitution, making individuals aware of their role in sustaining democratic values.

For students, sensitization activities may include workshops, seminars, and interactive discussions, allowing them to explore the core principles of the Constitution. This would enable them to understand their rights—such as the right to freedom of speech, right to education, and right to equality—as well as their responsibilities towards maintaining societal harmony and contributing to national development. Similarly, students are made aware of the importance of upholding constitutional values in their everyday actions and interactions.

For employees, sensitization programs might focus on ensuring they understand their role in promoting ethical governance and fostering a culture of accountability, transparency, and fairness within the institution. Employees can be educated on constitutional provisions regarding the protection of human rights, social justice, and the promotion of a work environment that upholds equality and respect for all.

  

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	A. All of the above
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File Description	Documents
Code of Ethics - policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals
<p>RGM CET actively celebrates various national and international commemorative days, events, and festivals to foster a sense of cultural diversity, unity, and social responsibility among students and faculty. The institution observes days like Independence Day, Republic Day, and Engineers Day, with special programs that include flag hoisting, cultural performances, and awareness campaigns. International days such as World Environment Day, Women's Day, and Teachers' Day are marked by workshops, seminars, and discussions, focusing on global issues and values. Festivals like Pongal are celebrated with enthusiasm, promoting inclusivity and creating a festive atmosphere on campus. These events provide opportunities for students to engage in organizing and participating in various activities, helping them develop leadership, teamwork, and organizational skills. Additionally, guest lectures, competitions, and social outreach programs are conducted as part of these celebrations, ensuring the holistic development of students and fostering a spirit of social awareness and cultural appreciation.</p>

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

### 1. Title of the Practice: Holistic Education for Employable Graduates.

**The Context:** RGM CET integrates classroom learning with practical experience. The first-year Induction Program supports student transition, the second-year emphasizes industrial and societal exposure (EAA), the third year focuses on experiential learning, and the final year prepares students for employability.

**The Practice:** RGM CET blends "KNOWLEDGE-SKILL-BEHAVIOR" through a structured curriculum, internships, certification courses, skill labs, placement training, and extracurricular activities, ensuring well-rounded student development.

**Evidence of Success:** Success is shown through a 3-week Induction Program, compulsory internships, industrial linkages, NPTEL certification, SEIMENS-TSDI Skill Labs, and Placement Training.

**Problems Encountered and Resources Required:** Challenges included time management and motivation, but student success in securing high pay packages and foreign admissions demonstrates positive results. Continued stakeholder support is essential.

### 2. Title of the Practice: Incentives and Value Added Courses

RGM CET offers a range of incentives and value-added opportunities to students and faculty. Students receive 1000 Mbps internet access, 24/7 learning resources, GATE and remedial classes, and financial rewards like Rs. 25,000 for achieving 90% or higher. Benefits also include hostel fee concessions, conference participation support, and financial assistance from the Poor Boys Fund. Faculty enjoy incentives such as financial support for conferences, promotions,

medical leave, and tuition fee reductions for their children. Value-added courses, Gap Year for entrepreneurship, Minor/Honors degrees, and mandatory learning courses and internships enhance academic and personal development, ensuring holistic growth.

File Description	Documents
Best practices in the Institutional website	<a href="https://rgmcet.edu.in/NAAC/2024/7.2/7.2.1-frontpage.pdf">https://rgmcet.edu.in/NAAC/2024/7.2/7.2.1-frontpage.pdf</a>
Any other relevant information	<a href="https://rgmcet.edu.in/NAAC/2024/7.2/7.2.1-writerup.pdf">https://rgmcet.edu.in/NAAC/2024/7.2/7.2.1-writerup.pdf</a>

### 7.3 - Institutional Distinctiveness

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

#### Technology Adaption in Rural Area:

The institution has made significant strides in promoting technology adaptation in rural areas, bridging the digital divide through innovative solutions. By offering digital literacy programs, and deploying mobile-based services, it empowers rural communities to leverage technology for education, agriculture, and healthcare. Through partnerships with tech companies, the institution facilitates the introduction of smart farming tools, e-health services, and online learning platforms. This holistic approach fosters economic growth, enhances productivity, and improves the overall quality of life. The institution's ongoing efforts aim to create sustainable, tech-enabled rural communities that are resilient to global challenges.

The institution has established laboratories for helping the rural people in medical and agricultural sectors through the integration of AI, machine learning (ML), robotics, and drones. In healthcare, AI-driven diagnostic tools and robotic surgeries enhance precision and accessibility, while drones assist in remote medical deliveries and monitoring. In agriculture, AI and ML optimize crop management, predictive analytics, and pest control, while drones facilitate precision farming for efficient irrigation and crop monitoring. These technologies significantly improve productivity, sustainability, and healthcare outcomes, transforming both industries. The institution's innovative use of cutting-edge technologies continues to drive progress and address critical

challenges in these vital sectors.

File Description	Documents
Appropriate link in the institutional website	<a href="https://rgmcet.edu.in/NAAC/2024/7.3/7.3.1.pdf">https://rgmcet.edu.in/NAAC/2024/7.3/7.3.1.pdf</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

The RGM CET is having a forward-looking plan of action to revolutionize the agricultural sector using cutting-edge technologies like robotics and drones. In agriculture, the institution plans to leverage drones to introduce precision farming techniques that optimize resource usage, monitor crop health, and track soil conditions in real-time.

The institution will engage in interdisciplinary research, focusing on AI integration with robotics and drones to develop smart farming systems that are sustainable and scalable. This includes forming partnerships with industry leaders, offering specialized courses for students, and creating research opportunities that promote hands-on learning.

RGM CET would like to establish 3D printing lab as it is an emerging area. The action plan for establishing a 3D printing lab includes selecting equipment, designing the layout, training staff, and developing a curriculum for educational use.

The Institution is also planning to establish Google cloud servers and Augmented, Virtual and Mixed Reality Laboratory in the College. Cloud GPU servers offer significant benefits for block chain technology labs by enhancing efficiency and scalability. Their parallel processing capabilities make them ideal for accelerating mining operations in proof-of-work block chains and executing smart contracts faster.

The main activity of AR/VR/MR laboratory would be development of tools, visualization environments and applications based on Virtual Reality, Augmented and Mixed Reality, tracking and natural interaction, computer vision techniques and visual analytics of large amount of data for the resolution of problems and technological challenges.