YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	CMR COLLEGE OF ENGINEERING & TECHNOLOGY
• Name of the Head of the institution	Major Dr. V A Narayana
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	8008500025
• Alternate phone No.	9248727200
• Mobile No. (Principal)	9248727200
• Registered e-mail ID (Principal)	principal@cmrcet.org
• Address	kandlakoaya, Medchaal Road, Hyderabad
• City/Town	Hyderabad
• State/UT	Telangana
• Pin Code	501401
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	17/02/2021
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Dr G Devadasu**
• Phone No.	**9248727203**
• Mobile No:	**9885286162**
• IQAC e-mail ID	**iqac@cmrcet.org**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://cmrcet.ac.in/annual-quality-assurance-report/
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://cmrcet.ac.in/academic-schedules/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.11**	**2014**	**05/05/2014**	**31/12/2019**
Cycle 2	**A+**	**3.27**	**2021**	**23/02/2021**	**22/02/2026**

6.Date of Establishment of IQAC	**02/04/2014**

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.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
nil	**nil**	**nil**	**Nil**	**nil**

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	

9.No. of IQAC meetings held during the year	**04**

• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	**Yes**	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Did IQAC receive funding from any funding agency to support its activities during the year?	**No**	
• If yes, mention the amount		

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

Signing of MOAs /MOUs with Industries/NGOs/Research Institutions

To establish Centers of Excellence in various departments

To participate in various College Rankings in the department agenda.

Laboratory equipment's and library procurements

Applying for research centres under JNTUH in various departments

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:

Plan of Action	Achievements/Outcomes
Establishment of National Cadet Corp (NCC) Unit -II for Girls, New unit for boys	Completed
Signing of MOAs/MOUs with Industries/NGOs/Research Institutions	Completed
To participate in various College Rankings in the department agenda.	Completed
To establish Centers of Excellence in various departments	Under process
To conduct SWAYAM/MOOCs workshop on how to create ICT lectures	Under process
Laboratory equipment's and library procurements	Completed
Preparation of research project proposals & writing scientific/research articles by faculty	Under process
Start-ups	Under process
Preparation of annual report and conduct of Academic Administrative Audit Through internals and externals	Under process
Revision of R & D policies	Under process
Appling for research centres under JNTUH in various departments	Under process
Conduct of guest lecturers from eminent academicians of IITs / NITs/ Premier institutions	Completed
Review of Result analysis	Under process

13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Body	28/12/2022

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2021-22	15/02/2023

15.Multidisciplinary / interdisciplinary

nil

16.Academic bank of credits (ABC):

nil

17.Skill development:

nil

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

nil

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

Outcome-Based Education (OBE) is a student-centric learning methodology that helps instructors design course delivery and evaluation. End-of-program conditions must be met. According to the Washington Accord, "graduate qualities are exemplars of approved school graduation traits." Accreditation board defines Graduate Attributes (NBA). Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) indicate what graduates should be able to perform. POs should match Graduate Attributes. All programmes at the institution measure PO/PSO. POs and PSOs map to COs.

Course Outcomes are the baseline for measuring student achievement in each course. COs are domain-specific outcomes expressed with

action verbs that are concrete, quantifiable, and demonstrable by students. All courses have outcomes. Professors construct curricula with results in mind (while planning lessons, designing assignment & assessments, lecturing and other activities).

Program Outcomes (POs), Program Specific Outcomes (PSOs) are communicated via the following channels:

The Program Outcomes are published at

- College website
- Syllabus books.
- College library and Department Library,
- Notice Boards and Corridors of Department,
- Laboratories
- Canteen
- Class rooms

Faculty workshops, student awareness, induction programmes, and faculty meetings make programme results accessible to all stakeholders.

The Course outcomes are disseminated to students through

- Syllabus books.
- College website.
- Laboratories.

20.Distance education/online education:

nil

Extended Profile

1.Programme

1.1   16

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File]()

2.Student

2.1   4613

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2   **1086**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3   **4613**

Number of students who appeared for the examinations conducted
by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1   **507**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2   **255**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	**16**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:	**4613**

File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	**1086**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	**4613**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 Number of courses in all programmes during the year:	**507**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	**255**
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.3	**255**
Number of sanctioned posts for the year:	

4.Institution

4.1	**506**
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	**75**
Total number of Classrooms and Seminar halls	
4.3	**1469**
Total number of computers on campus for academic purposes	
4.4	**1457.29**
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

Relevance to Local and Regional Needs

The major companies located in Hyderabad and Telangana regions are related to IT software and hardware,Construction, Manufacturing and Energy industries. To meet the requirements of such local industries, thecourses such as Operating Systems, Artificial Intelligence, Python Programming, Mobile AppDevelopment,

Structural Engineering, Geo Technical Engineering, Transportation Engineering, WaterResources Engineering, Power Converters, Power Systems, Power Electronics, Control Systems, ElectricalMachines, Electrical Instrumentation, VLSI Design, Fuel Cell Technology, Materials Engineering,Manufacturing Technology, Optical Communications were incorporated in the syllabi.

Relevance to the National Needs

Courses such as Gender Sensitization, Environmental Sciences, Indian Constitution and Essenceof Indian Traditional Knowledge sensitize the students towards gender equality, environmental issues,constitutional responsibilities and the Indian Traditions.

The Curricula developed has significant contributions to the following national missions:

- Digital India (Education through ICT)
- Make in India
- Swatch Bharat Abhiyan
- Unnat Bharat Abhiyan
- Women Empowerment
- Skilling India

Relevance to the Global Needs

The innovative ideas of the students are invited/presented on "Ideation Day". The ideas with the concern oflocal/national/global needs are identified and incubated in the college. The support of expert faculty isprovided to the students to convert the idea to a reality.

File Description	Documents
Upload additional information, if any	[View File]()
Link for additional information	[nil]()

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

0

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	**No File Uploaded**

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

541

File Description	Documents
Curriculum / Syllabus of such courses	[View File](#)
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	[View File](#)
MoUs with relevant organizations for these courses, if any	**No File Uploaded**
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

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

33

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	[View File](#)
Any additional information	[View File](#)
Institutional data in prescribed format (Data Template)	[View File](#)

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	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

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

CMRCET considers that the purpose of education is to make each learner recognize their identity, understand the purpose in life through their connection and contribution to society, environment and to their fellow human beings. Under the structure of autonomy the institution could consider the significance of the world's pressing conditions and problems, such as environment, climate change, politics, socio-economic and Gender issues.

With a view to integrate the cross cutting subjects relevant to gender, environment and sustainability, human values and professional ethics, CMRCET has introduced different types of courses in the curriculum. The courses are designed in such a way to enhance professional competencies, inculcate general competencies like social & ethical values, gender, human values & professional ethics, environment sensitivity etc., thereby leading to the holistic development of students.

Through these courses students are appraised about conceptual, theoretical and analytical understanding about gender as a social construction and various approaches to work towards gender equity within India and from a cross-cultural perspective. The institute organizes seminars, conferences, workshops, guest lectures on gender, environment and sustainability, human values and professional ethics from time to time

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	View File
Any additional information	No File Uploaded

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

26

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

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

2006

File Description	Documents
List of students enrolled	View File
Any additional information	View File

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

1958

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is	A. All 4 of the above

obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

File Description	Documents
Provide the URL for stakeholders' feedback report	www.cmrcet.ac.in/files/naac2023/criteria1/1.4.1.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	www.cmrcet.ac.in/files/naac2023/criteria1/1.4.2.pdf
Any additional information	View File

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

1467

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

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)

804

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

2.2 - Catering to Student Diversity

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

CMRCET College provides pre-admission counseling and post-admission interventions to students. They are categorized as Advanced or Slow learners based on their test performance. Student learning is assessed through exams, assignments, and mentoring. The IQAC has developed interventions for both Advanced and Slow learners.

The following initiatives have been recommended for catering to the needs of Advanced learners:

- Encouraging MOOCs participation (e.g., NPTEL), exposing students to IoT, AI/ML, and Data Science.
- Encouraging involvement in competitions (e.g., Smart India Hackathon, NASA Space Apps Challenge).
- Joining professional organizations like IETE, IEEE, CSI, IEI, ACM, SAE, and ACCE. Campus training on Python, Revit, ServiceNow, Zensar, Fusion 360.
- Empowering student-run clubs in Cyber Security, Coding, AI, and Android.

To address the needs of Slow learners, the following interventions have been proposed:

- Encouraging lateral students to bridge the gap with programming, math, and communication courses.
- Remedial classes by experts address doubts of Slow learners.
- Mentors provide special attention and counseling. Soft skills and communication courses enhance development of Slow learners.

CMRCET College strives to create an inclusive learning environment that supports the academic and personal growth of Advanced and Slow learners through these interventions.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2021	4613	254

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

CMRCET employs experiential, participatory, and problem-solving approaches for holistic student development. Faculty adapt teaching methods, promote self-management, and utilize interactive, blended activities. Student-centric learning replaces traditional lectures.

Experiential learning

- Laboratory sessions
- Industry visits
- Field works and Internships-
- Industry-Oriented Mini Projects
- Community outreach programme

CMRCET prioritizes hands-on experimentation, integrates industry experience, offers field works/internships for educational and career development, encourages industry-oriented applications, and fosters social innovation through community visits, benefiting students' practical learning, holistic development, and problem-solving skills.

Participative Learning:

- Expert Lectures

- **Workshops and seminars**
- **Group discussions and roleplays**
- **MOOCs**

CMRCET enhances student skills through guest lectures, workshops, and seminars, fostering improved communication and presentation abilities. Interactive group discussions and roleplays further enhance these skills. The CMRCET MOOCs committee encourages students to explore online courses beyond the curriculum.

Problem-Solving Methodologies:

- **Developing Models in Engineering and Science**
- **Project Based Learning**
- **CodeAthon**

Models and simulations in science explain natural phenomena and allow us to explore beyond what is observable, providing predictions to test hypotheses. Engineers use models to evaluate systems and identify flaws. Project-based learning engages students in real-world initiatives, showcasing their expertise through public products or presentations. CodeAthon contests like 'Hacker Week' and 'Coding' Club promote algorithmic problem-solving for real-world challenges.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	[nil](#)

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

ICT impacts everything in life. ICT in education improves information transfer. In schools and institutions, online e-books are replacing textbooks. ICT is taught across CMR College of Engineering and Technology. All classrooms have computers/laptops, internet, LCD projectors, and PA systems. Our school has incorporated technology so kids may access more knowledge. Our workforce is tech-savvy. The ICT Committee has hosted workshops on using ICT to improve education. Understanding complex things is easy. Interactive classrooms may enhance attendance and attentiveness.

ICT helps student education. NIME report, Japan. Teachers must rethink how they meet students' learning needs and adapt courses to human thought. Using ICT, we may create a stress-free presentation.

Swayam courses, You Tube videos, National Digital Library, Moodle software, Digital Library, spoken Tutorials, NPTEL LINK, Google Class rooms, MOOCs, blogs, faculty video lectures are well-documented ICT goods. ICT may be used as a store-and-forward device in certain domains.

Faculty create PPTs, NPTEL links, and youtube videos. Students get this information via Moodle, Blogs, and Digital Library. Professors link students via google classroom and enables online teacher-student communication. Expert faculty members' lectures are recorded and accessible to students. Students who missed the material and sluggish learners will benefit.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://cmrcet.ac.in/wp-content/uploads/2023/05/ALL-ICT-TOOLS_merged.pdf
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

225

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

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

The IQAC, Deans, and Principal create the Academic Calendar with details like class start dates, instructional days, exams, and breaks. The college strictly follows the calendar, but exceptions require IQAC approval. The calendar is distributed to students,

faculty, and displayed on notice boards and the website
http://cmrcet.ac.in/acedemics_schedules.php.

Learning/Session/Lecture Plan:

Dean Academics and department Heads oversee academic calendar
implementation. Faculty develop teaching material and session
plans based on approved credits, aligned with NBA's Outcome Based
Education recommendations.

Course File/Session/Lecture Plan includes:

- Course Description
- Course Objectives and Outcomes
- Course Outcomes mapping with PO's
- Syllabus
- List of Text/Reference Books

**Detailed Lecture/Hour by Lecture/Hour plan for the entire semester
that shows:**

- Topics to be covered for each lecture/hour
- Topics covered beyond syllabus / Additional Topics with
  proofs.
- Worked out Examples and Problems if any...
- Previous Mid Question Papers
- Previous End Exam Question Papers with Scheme
- Class Timetable
- Personal Timetable
- Students List
- Remedial / Tutorial / Extra classes taken with proofs if
  any…
- End Semester Results

Academic calendar copies are maintained in departments and the
Dean Academic office. Faculty strictly adhere to the plan,
recording attendance in registers. The Annual Academic Audit
committee reviews faculty members' plans, submitting reports to
department Heads for follow-up actions.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

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

254

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

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

69

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	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

254

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

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

37

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

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

NIL

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	No File Uploaded
Upload any additional information	No File Uploaded

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

CMRCET's Examination Branch consists of the Chief Superintendent, Dean (Examinations & Evaluation), Controller of Examinations, and three Assistant Controllers of Exams. They handle student registrations, tests, assessment, results dissemination, and records for all CMRCET courses. Academic Calendar Examination Branch provides Internal Exam timetables twice a Semester, three weeks before examinations. End Semester Exams are announced six weeks ahead.

Processes Integrating IT

Since April 2019, the Institute double-evaluates digital work. Exam Branch operations are integrated utilising BEEs' Examination Management System (EMS). Students register and pay for exams online using unique log-in information.

EMS facilitates,

- Generation of Hall tickets and OMR
- Present &absentees statements and D-Form generation
- Scanning, Coding and decoding of answer scripts

- **Bundling of answer scripts subject wise**
- **Generation of bundle key for digital evaluation**
- **Online accessing and valuation of digital answer scripts by valuators**
- **Tabulation &Publish of results**
- **Results analysis branch wise and semester wise**
- **Revaluation registrations through online**
- **Generation and printing of Provisional certificates and consolidated grade cum credit sheets**
- **Transcripts**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	[nil](#)

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

Outcome-Based Education (OBE) is a student-centric learning methodology that helps instructors design course delivery and evaluation. End-of-program conditions must be met. According to the Washington Accord, "graduate qualities are exemplars of approved school graduation traits." Accreditation board defines Graduate Attributes (NBA). Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) indicate what graduates should be able to perform. POs should match Graduate Attributes. All programmes at the institution measure PO/PSO. POs and PSOs map to COs.

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- **Syllabus books.**

- College library and Department Library,
- Notice Boards and Corridors of Department,
- Laboratories
- Canteen
- Class rooms

Faculty workshops, student awareness, induction programmes, and faculty meetings make programme results accessible to all stakeholders.

The Course outcomes are disseminated to students through

- Syllabus books.
- College website.
- Laboratories.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	No File Uploaded
Link for additional Information	[nil](#)

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

CMRCET has learning outcomes for each academic programme and integrates them with its vision and purpose. The learning result is evaluated by senior academics, BOS.

The college uses well-structured teaching and evaluation methods to follow COs and POs.IQAC and PAC analyse learning outcomes via academic audit to guarantee quality and consistency. IQAC revamps programme evaluation procedures if learning outcomes aren't fulfilled.

Direct and indirect evaluation techniques to indicate PO/PSO accomplishment. Course results are mapped to Program and Program-Specific Outcomes. All POs and PSOs have performance standards.

Written exams during a semester measure students' knowledge, abilities, and moral principles. CO, PO, and PSO-specific inquiries are made. Course outcomes are used to assess PO/PSO.

The PO assessment and attainment method has four phases.

Step1: All programme goals and PSOs are covered in the curriculum, largely via programme courses.

Step2: Course coordinators assess course results directly (exam) and indirectly (survey).

Step3: If the semester's average fulfils a PO's performance criterion, the PO is fulfilled. PSO-evaluated.

Step 4: alumni and employer surveys measure indirect programme outcomes.

COs review POs directly and indirectly. The PO attainment calculation gives direct techniques 75% weight since there are more samples and indirect ways 25%.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	[nil]()

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

952

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File]()
Upload any additional information	**No File Uploaded**
Paste link for the annual report	[nil]()

2.7 - Student Satisfaction Survey

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

https://cmrcet.ac.in/sss/

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

1.Research & Development Center

2.Centre for NI Academy

3.Centre for Artificial Intelligence & Deep Learning under leadingindia.ai

4.National Cyber Defense Security Resource Center

5.Centre for Innovation and Entrepreneurship

6.Centre for Engineering Education Research

7.Industry Institute Interaction Centre

CMRCET consistently enhances research facilities and updates institutional resources to support research activities. The budget for research enhancement is proposed and allocated through resolutions in the Governing Body Meeting. The college's Center for Artificial Intelligence & Deep Learning is equipped with a powerful deep learning server, enabling handling of large datasets for training and testing. The Research and Development center is recognized by SIRO and has established the National Cyber Defense Security Resource Center to address cybersecurity challenges. CMRCET has been granted the status of a Centre of Excellence (COE) by Virtusa, highlighting its continuous development in R&D. The institute also offers a Data Science & Big Data Analytics program in collaboration with DELL EMC, ICT Academy. The Center for Innovation and Entrepreneurship (CIE) supports technology entrepreneurship and startup incubation. The Centre for Engineering Education Research (CEER) further refines concepts and solutions. The college has a well-defined research promotional policy aligned with its vision and mission, regularly updated and available on the website.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://cmrcet.ac.in/wp-content/uploads/2023/05/revised-policy-for-promotion-of-research-RD-POLICY-2017-18.pdf
Any additional information	View File

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)

691.505

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

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

5

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

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)

342.83

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

3.2.2 - Number of teachers having research projects during the year

10

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://dst.gov.in/seed-home
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

12

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

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

5

File Description	Documents
Supporting document from Funding Agencies	[View File]()
Paste link to funding agencies' website	https://dst.gov.in/seed-home
Any additional information	[View File]()

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.

CMRCET fosters an innovation ecosystem with an incubation center and initiatives for knowledge creation and transfer. The college's Research and Development Cell (R&D) cultivates a research culture among faculty and students, supporting projects funded by agencies like DRDO, DST, and AICTE. It facilitates the publication of quality journals, and offers research lab facilities and financial aid. The R&D cell identifies funding agencies and promotes projects through the Center for Innovation and Entrepreneurship (CIE) and "Ideation Day." The Center for Engineering Education Research (CEER) refines ideas and solutions. IP creation is strongly encouraged, with published patents and processing fee support from the Institute. The Engineering Projects in Community Services (EPICS) center enables students to work on technological solutions for problems in nearby villages, fostering conceptualization, prototyping, and reporting. The Industry-Institute Interaction Cell (IIIC) bridges the gap between industry and academia, facilitating interdisciplinary project implementation.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://cmrcet.ac.in/randcenter/

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

92

File Description	Documents
Report of the events	[View File](#)
List of workshops/seminars conducted during the year	[View File](#)
Any additional information	**No File Uploaded**

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	[View File](#)
Any additional information	**No File Uploaded**

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

12

File Description	Documents
URL to the research page on HEI website	http://www.cmrcet.ac.in/files/naac2023/criteria%203/3.2.3/upload%20copies%20of%20the%20letter%20recived%20from%20the%20university.pdf
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	[View File](#)
Any additional information	[View File](#)

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

57

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

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

116

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

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

654

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

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

18

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

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

38.44500

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

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

300000

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	**No File Uploaded**

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

CMRCET actively engages in extension activities, aiming to raise student awareness and contribute to the community. The NCC and NSS schemes organize events such as camps, Swatch Bharat campaigns, blood donation drives, anti-ragging awareness programs, and village education initiatives. The NSS wing works on environmental issues, collaborates with orphanages, and conducts events like Haritha Haram and relief efforts for natural calamities. Guest talks on gender issues and women's security are arranged, and students participate in the International Yoga Day. Environmental awareness is promoted through initiatives like pond and lake conservation, tree plantation drives, and clay idol distribution during Ganesh Chaturthi. Blood donation camps are held twice a year, and the NSS unit focuses on creating awareness about global warming and reducing plastic usage. The Institute's CEER refines ideas and solutions, while the ECO Club encourages students to participate in environmental activities. The Health Club promotes knowledge on health, nutrition, and preventative health resources while tracking and assessing club activities.

File Description	Documents
Upload any additional information	View File
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**

14

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

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	View File
Any additional information	**No File Uploaded**

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

3811

File Description	Documents
Reports of the events	View File
Any additional information	View File

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

1351

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

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)

33

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	**No File Uploaded**

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 Management is committed to provide quality services to the stakeholders and in this direction strives to provide the best infrastructure support and provides the necessary budget every year as per the requirement.

The Institute has 66 class rooms with ICT facilities, LCD projectors, WIFI-LAN, PA system, and good ambience. It has Seven Smart Classrooms with multimedia facilities and 15Tutorial rooms.It has 70well equipped and well-maintained state of the art laboratories, 6 seminar halls to conduct various student activities, 2 Drawing halls, two 2 auditoriums with a capacity of 250 and 1800 each and 1469 computers are available.

Library: Subscribed online journals like IEEE, ASCE, J-Gate, Springer, Delnet, etc.E-books pertaining to various disciplines.Subscribed with EBSCO to access database on e-resource.

Internet and WI-FI: Wi-Fi and dedicated leased line internet facility with 1 Gbps speed is provided. The Institution is under the surveillance of 200 CC cameras.

Campus Training and Placement: A separate wing exists for the outgoingstudents for placements and higher studies (Native & Foreign), along with Soft Skills Training &Entrepreneurial development training.CMRCET has two hostels one for boys and one for girls with a capacity of 500 each.

File Description	Documents
Upload any additional information	[View File]()
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 College has a separate block for physical education with indoor and outdoor facilities for students to de-stress and to have physical competence, fitness, motivation, and develop team building skills. The stakeholders are given the privilege to

attend training sessions and participate in tournaments. The Institution has a separate infrastructure for indoor games like Table tennis, Chess, Caroms and outdoor games like Shuttle, Ball Badminton, Football, Volleyball, Cricket, kho-kho, Throw ball, Basket ball, Kabaddi, etc. The College has qualified trainers to train the students to participate in various Inter and Intra leveltournaments. Our students have represented at the Inter-Collegiate/University/National/International level and won prizes at Inter-Collegiate and statelevel.

An exclusive Gym is available for the stakeholders to provide an arena for body building and health. The Institute has a Yoga center with a certified trainer for personal transformation. The Institution has spent Rs 4.29 Lakhs on Sports, Infrastructure, and its activities. The students areencouraged to practice and participate in various competitions at different levels. The Institute conductsvarious sports competitions every year, and several colleges across the state participate in the Inter-Collegeevents. The list of the events conducted during Sports Fest in CMRCET is mentioned in additionalinformation.

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

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

72

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

401

File Description	Documents
Upload audited utilization statements	[View File](#)
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

CMRCET Central library is fully automated with 'Newgenlib' Software (version 3.2) since 2007 and all the books were classified according to DDC and arranged according to classified order in the racks. All the books and other reading materials are entered in library automation software and circulations (Issue & Returns) based on Barcode system. All the stakeholders are given access to e-resources and digital content of the Library can be accessed using the IP address http:// 27.116.17.114 through 28 systems dedicated to browse the digital collection comprising of e-journals, e-books and e-databases from IEEE, ASCE, DELNET, N-LIST, EBSCO E-Books, KNIBUS Digital Library etc. All the library resources can be accessed through LAN within the campus and the e-journals can be accessed from remote locations by all the stakeholders using the email ids and their passwords given by the college. Around 9100 Video lectures (NPTEL) are available for ready access from the digital library on IP 172.16.15.189 through LAN.The Library is headed by the Librarian along with supporting staff and overseen by an Advisory Committee consisting of Principal as chairman, Librarian as Convener and one faculty member and two students from each department as members.

File Description	Documents
Upload any additional information	[View File](#)
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	View File
Upload any additional information	View File

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

45.42

File Description	Documents
Audited statements of accounts	View File
Any additional information	**No File Uploaded**
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - 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

127546

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

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 total number of computers presently available is 1469 that is on LAN.

   1. 66 Classrooms were provided with ICT Facilities
   2. Internet facility with speed 1 Gbps.
   3. The library is updated with ILMS software.
   4. Intra-net connectivity is provided on the campus with 20

GBPS fibre optical cable.
5. A new firewall 'Cyber rom-300NG' was installed for the security of the campus network with filtering features.
6. ERP software has been installed in 2014 for student and staff information management.
7. All the systems have been provided with backup through the uninterrupted power supply.
8. Seqrite antivirus software has been installed for all the systems.
9. The Institute has 200 surveillance cameras.
10. A centralized server room with 8 servers was set up.
11. The Examination branch is fully automated with BEES BET PLUS software.
12. 7 Wi-Fi access points with extenders provided to cover the entire campus.

Internet Provider: Vainavi Industries Ltd.

Periodically computers are updated as under:

A.Y. 2021-22: 400 new Dell computers were procured with a configuration of core i5 10th generation of 16GB RAM, 1TB HDD.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4613	1469

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	**No File Uploaded**

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	**A. All four of the above**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**
List of facilities for e-content development (Data Template)	[View File](#)

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)

315.13

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	[View File](#)

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.

The maintenance and utilization of physical, academic and support facilities are governed by standardprocedures as mentioned below, concerning Laboratories, Library, Sports centre, computer systems, andclassrooms.All the Laboratories are maintained in proper working conditions in terms of the premises as well as allpieces of equipment, i.e., consumables and non-consumables, as overseen by the concerned Lab In charges.Separate registers are maintained for lodging complaints, stock keeping works executed, etc.The

repair and servicing of equipment are carried out after obtaining
statutory approval of the concernedHead of the Department,
Principal, and Secretary. The procurement of newequipment is as
per the standard procedures wherein, the lab in-charge applies to
the Principal through theHead of the Department. Upon obtaining
approval from the Secretary, quotations/tenders are invited
basedon the tentative cost of the equipment.The Central Library is
headed by the Librarian who oversees the maintenance and
utilization of thepremises and all the books, data, etc. The
sports centre is headed by the Physical Director who oversees the
maintenance and utilization of thesports premises as well as all
sporting items/equipment, grounds, etc. List of sporting items,
equipment,etc. are maintained in stock registers.

File Description	Documents
Upload any additional information	[View File](#)
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

2371

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

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

112

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

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	https://cmrcet.ac.in/all-committees/
Details of capability development and schemes	View File
Any additional information	View File

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

813

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution 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 redressal of grievances

A. All of the above

through appropriate committees

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

5.2 - Student Progression

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

708

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

5.2.2 - Number of outgoing students progressing to higher education

58

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

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

107

File Description	Documents
Upload supporting data for students/alumni	[View File](#)
Any additional information	[View File](#)

5.3 - Student Participation and Activities

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

64

File Description	Documents
e-copies of award letters and certificates	[View File](#)
Any additional information	[View File](#)

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

The Student Council meets the representatives of all Under graduate and Post graduate classes to pass on important information from the authorities which could range from payment of fees, cleanliness, recap of rules and regulations, any UGC or MHRD updates, Continuous Internal Assessment and Comprehensive Examination, programmes or events in the institution, holidays etc.The meeting is organised by the Council members and prior information is given regarding the meeting through the representative Whatsapp group. Attendance is taken.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://cmrcet.ac.in/files/naac2023/criteria_5/5.3.2/Student_council_2021-22.pdf

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

16

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

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

CMRCET alumni association is a registered body with registration number 981 of 2019 under MGR educational Society. All graduated students become members of alumni association. The members of the alumni association have regular interaction with the Principal, the management, Principal, faculties and staff members regarding the overall development of the institution. The Alumni association committee is formed every three years in Alumni meet and holds two executive committee meetings on an average every year and future plans are discussed. The main objective of the Association is to bridge the gap between the college and alumni. Annual Alumni meet is held in the month of December every year. Alumni meet is a formal function which consists of Registration, inauguration, games, formation of alumni association, alumni interaction with students, cultural programs by present batch of students followed by lunch.

Role in Academic Activities:

- The Alumni are members of Board of studies of each department.
- The Alumni serve as resource persons for Guest Lectures and seminars.
- The Alumni give feedback on syllabus and infrastructure available in college.
- The Alumni who are entrepreneurs arrange industrial visits to the students.
- The Alumni extend their support in campus placements and summer and winter internship programmes

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

5.4.2 - Alumni's financial contribution during the year	**C. 5 Lakhs - 10 Lakhs**

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Our Vision is to remain a premier academic institution striving continuously for excellence in technical education, research and render technological services to the nation.

Our Mission is to create and sustain a community of learning in which students acquire knowledge and learn to apply it professionally with a concern for the society.

Pursue and Disseminate Research Findings and offer KnowledgeBased Technological Services to Satisfy the Needs of Societyand the Industry.

Promote Professional Ethics, Leadership Qualities and Social Responsibilities.

Governance:

The institute is one of the best Engineering Colleges in the state of Telangana, established in 2002. The Government of A.P. through its G.O.M.S No. 39 dated 25th June, 2002 gave permission to M/s MGR Educational Society, Hyderabad. CMRCET is establishedwith the motto to serve thesociety,especially the people of the backward region of Telangana.The Management is assisted by Governing Council of the institution, which takes over the planning and execution of various domains.

The Principal is the head of both the academic and administrative domains, who is empowered by the Management and Governing Council (GC), to plan, execute and review the operational part of the affairs through IQAC and SPP in all domains.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	[nil](#)

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

The college functions independently under the able guidance and direction of the Governing Council which consists of renowned Professors and Industry people as its members. The Principal is the key authority of the Institute working under the management members. The Principal has dispersed his powers to Deans, Controller of Examination, Heads & In-charges of the departments, Co-ordinator of the IQAC of the College, Administrative officer, NCC officer, NSS officer, Librarian, Physical Education Director (PED), Training and Placement Officer, conveners of various committees, Members of various clubs and delegate members of the Institute Academic Council (IAC). Based on the need, they meet periodically to decide uponthe various issues.

In pursuance of its Action Plan for performance evaluation, assessment, accreditation & quality up gradation of institutions IQAC of the college was established in the year 2014. Since quality enhancement is a continuous process, the IQAC has become a part of the institution's system and works towards realization of the goals of quality enhancement & sustenance. The prime task of the IQAC is to develop a system for conscious, consistent & catalytic improvement in the overall performance of the institution.

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File](#)
Upload any additional information	No File Uploaded
Paste link for additional Information	[nil](#)

6.2 - Strategy Development and Deployment

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

Key Targets

1 Institutional Holistic Development: CMR CET has been ranked in the band 201-250 by NIRF for the AY 2021-22. And various ranks in educational magazines ,Accredited by NAAC with A+ Grade w.e.f.23.02.2021 for a period 5 years , Achieved UGC Autonomous in 2014 and 2021.

2 Infrastructure Development: Establishment of Centre of Excellence in various departments and plan for purchase required infrastructure

3 Strengthening Faculty: In pursuance of strengthening the faculty CMRCET has recruited more number of PhDs. As of now 69 faculties with doctorate degree are available. And faculties attended FDPs, SWAYAM NPTEL certifications. Incentives/ Processing fee/ Registration fee is being paid for the Faculty towards Research Publications.

4 Research & Development: Established various Research Centres, centre excellences and signed in various MOUs/MOAs for collaborative Research work

5 Student Career Development Cell: A skill development cell is established, with advanced technology skill development programmes for students

6 Academic Excellence: The updated curriculum includes CBCS and open electives. The implementation of outcome-based education and SWAYAM NPTEL has certified me.

7 Examination Reforms: For the evaluation of PG and UG (both CIE

and SEE) courses, Digital Evaluation is being used .

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	nil
Upload any additional information	No File Uploaded

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.

The organization has a well-structured administrative setup with Governing Body as the highest decision making body and various other functional bodies and committees.

1. Administrative Setup:

The apex body of the organogram is the Governing Body which is the policy-making body for Financial, Administrative and Quality Systems under which the entire college functions are being organized and controlled. This committee meets at least once in an academic year to discuss various issues of the college. The Chairman, Secretary and Principal are the functionaries who take the responsibility of implementing the policy decision of the governing body.

2. Service Rules and Procedures:

Service rules and procedures for the Institution are in place and documented. They are made known to all the newly recruited staff members through an Induction programme. The recruitment and the Scales of pay for various teaching positions are as per AICTE guidelines. The recruitment includes Invitations of application (Paper advertisement, through references, etc.) Preliminary assessment of the candidates (review of Resume received). Then inviting the candidates for an interview Assessment of the selection committee and recommendations are forwarded to the management. Final decision on recruitment is taken by Management. Promotions are also made by the selection committee only.

File Description	Documents
Paste link to Organogram on the institution webpage	https://cmrcet.ac.in/files/service%20certificate/organo.pdf
Upload any additional information	View File
Paste link for additional Information	nil

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) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	**No File Uploaded**

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

Response:

CMRCET strongly believes that its teaching and non-teaching staff are its forte` and emphasizes their growth and development by providing certain welfare measures that make them content and gives them the needed boost to work efficiently.

The Institute takes care of the physical and mental health of its employees that provides a promising work environment.. All the welfare measures taken for the teaching and non-teaching staff are effectively implemented. To keep the employees satisfied and motivated, the college provides many monetary and non-monetary benefits for personal and professional growth. Cultural programmes are also conducted occasionally for relaxation and rejuvenation.

CMRCET duly recognizes the contribution of its employees in all

aspects that lead to the growth and development of the organization.

Welfare measures taken and implemented for the teaching and non-teaching staff:

Group Insurance

Subsidy in transport

Maternity and Paternity leaves

Medical leaves and free health check-up

Canteen facilities:

Loans: All the employees in financial need can take loans.

Sponsorship for higher studies

Sponsorship for Staff development:

Financial Health Care

Special leaves

Advance Salary

Financial Assistance for the children of the employees

Outdoor activities: All the employees are taken on recreational tours to unwind, relax and de-stress.

Ex-Gratia

File Description	Documents
Upload any additional information	View File
Paste link for additional information	[nil](nil)

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

319

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

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

44

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	[View File](#)
Upload any additional information	[View File](#)

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.)

254

File Description	Documents
Summary of the IQAC report	[View File](#)
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	[View File](#)
Upload any additional information	[View File](#)

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

CMRCET Strictly believes in following all statutory requirements for all audits and accounting practices. The Institution conducts internal and external financial audits regularly. As part of this mechanism, the Institution has an in-house team of two auditors of M/s Srinivas & Associates Chartered Accountants, Regd.No.0126S,

who help in carrying out the internal audit. The team conducts an internal audit regularly and submits the report to the IQAC (Internal Quality Assurance Cell) Chairman. The IQAC Chairman attends all the major audit queries raised by the team and takes appropriate steps for remedial action. The external audit is conducted once in a year. The external audit is carried out by M/s MRK Reddy Charted Accountants (Regn.No.003265S) who has an experience of over 20 years. The queries which are raised are put before the Principal who clarifies & rectifies before finalizing the accounts. The Principal also contemplates and decides to appoint an Audit Sub-Committee that attends all the queries raised by the internal audit team and external auditors.

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

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)

958200

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

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

The Telangana government regulates fees to be collected from the students which are fixed by Telangana Admission and Fee Regulatory Committee (TAFRC). The fee collected from the students generates most of the funds needed to run the Institution. Long-term loans required if any, for capital expenditure or working capital finance are obtained from a panel of external agencies. The TAFRC takes the data from respective colleges every year and finalize the student's fees.

The other sources of income are:

1. Transport fees collected from students.

2. Admission fees.

3. Application Fees.

4. NBA Fees.

5. Examination Fees.

6. Hostel fee

7. Funds from government, non-government, Counsltancy Projectand individuals

8. For conduct of various examinations of government/private organizations.

The tuition fees for students of economically & other backward classes, minorities and SC/ST are financed through scholarships from the Telangana State Government.

Strategies for optimal utilization of financial resources:

The college also rents its premises, auditoriums and playgrounds for activities like short film shootings, feature film shootings, sports meet and audio & video releases of films. The college hostels are also used to accommodate students who attend Sports meet and Conferences. The Sports Bodies pay rent for utilizing the hostel facilities.

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

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)

1. To conduct induction programme to the newly joined faculty.
2. To conduct orientation programme for the first year students.
3. Establishment of National Cadet Corp (NCC) Unit –II for Girls, New unit for boys
4. Signing of MOAs/MOUs with Industries/NGOs/Research Institutions.
5. To participate in various College Rankings-NIRF & ARIIA.
6. To establish Centre of Excellences in various departments.
7. To conduct SWAYAM/MOOCs workshop on how to create ICT lectures.
8. Laboratory equipment's and library procurements.
9. Preparation of research project proposals & writing scientific/research articles
10. Review of result analysis of first semester
11. Internships for pre-final year students.
12. Placement for the pre-final year students and higher education.
13. Start-ups and Incubation centres to all the UG Students.
14. Redressel of grievances received by stake holders.
15. To conduct student satisfaction survey.
16. Preparation of annual report and conduct of Academic Administrative Audit
17. Revision of R & D policies
18. Appling for research centres under JNTUH in various departments

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

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 IQAC, Deans and Principal prepare the Academic Calendar before commencement of the academic year. The calendar contains the detailed information regarding Commencement of class work,Instructional days, recess, internal examinations, end-semester examinations, etc. The academic activities of the college are strictly adhering to the Academic calendar. In adverse cases approval from IQAC would be taken to deviate from the academic plan. The Academic Calendar is circulated to the students, faculty, college and departmental notice boards and displayed on

website http://cmrcet.ac.in/acedemics_schedules.php. Course File /Teaching schedule: Faculty prepare the Course file as well as Teaching schedule as per credits of the subjects. Course File includes, Course objectives, Course outcomes, CO-PO mapping, Syllabus, Time Tables, Students List, Detailed Teaching plan with pedagogies and ICT Tools, Assignments, Projects, Assessments, Learning resources posted in LMS. Faculty will calculate CO attainment through various assessments and take remedial measures for not attainted students. Dean Academic IQAC reviews periodically the teaching and learning process, ICT tools used, Pedagogies, quality of assignments and question papers, Assessment tools for CO and PO attainments, infrastructure requirement for teaching and learning.

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

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	https://cmrcet.ac.in/wp-content/uploads/2020/10/Annual-Report-2021-22.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

As part of the co-curricular activities, numerous workshops, seminars, etc. are held. Both students and faculty members are welcome to attend. For the Institute's professors, regular workshops on topics like gender sensitization are held. Girls' and women's safety and precautions are among the subjects on which special guest speakers are invited to speak.

Together with the other two cells, the Women Empower Committee with student counselling centre and women's protection cell has been effective in fostering an environment at the College. The following are a few of the perks that are provided to female faculty members and students:

- On the campus, there are separate restrooms for males and girls.
- In the event of an emergency, there is access to a doctor.
- In the event of an illness, waiting rooms are available on campus for students and teachers to relax. Toilets for girls equipped with a Sanitary Pad Dispenser and waste disposal containers
- A Day Care Centre has been established on campus to care for the children of teaching and non-teaching staff.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://cmrcet.ac.in/committee-for-student-counseling-centre/

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	[View File](#)
Any other relevant information	[View File](#)

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

CMR College of Engineering & Technology has implemented effective measures to address both degradable and non-degradable waste. To handle organic waste, an Aaga composter has been installed on the college premises, converting it into high-quality manure. Garden waste is collected separately and composted to produce manure. Additionally, color-coded waste collection bins have been placed throughout the college to facilitate the collection of solid waste. Dry waste, such as paper waste and old records, as well as E-Waste like keyboards, motherboards, and printers, are collected by Urban Rebox IT Pvt Ltd.

Liquid waste generated within the college premises is safely collected through underground sewer lines and directed to a nearby sewage treatment plant. The waste water produced by the RO plant is utilized for gardening purposes. Biomedical waste, including sanitary napkins, is collected by Rentokil Initial Hygiene India Pvt. Ltd., Hyderabad, on a monthly basis. The chemistry department follows standard operating procedures for the safe disposal of less hazardous chemicals obtained from the laboratory.

Furthermore, the college has rainwater harvesting pits and dry bore wells in place to ensure proper absorption of water into the ground.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

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	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. **Restricted entry of automobiles** 2. **Use of bicycles/ Battery-powered vehicles** 3. **Pedestrian-friendly pathways** 4. **Ban on use of plastic** 5. **Landscaping**	**A. Any 4 or All of the above**

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

7.1.6 - Quality audits on environment and energy 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	View File
Certification by the auditing agency	View File
Certificates of the awards received	**No File Uploaded**
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	A. Any 4 or all of the above

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

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

The Institution engages in a wide range of activities to advance universal and human goals like truth, love, and peace, as well as other things like values and harmony. The institution works hard to instill ideals in its students. The project is to be viewed as an investment in the creation of a foundation for lifelong learning, as well as in the advancement of human excellence,

social cohesion, national integration, and global unification, among other goals. We go over some typical myths and misunderstandings about particular values, how they might be learned, and what elements go into internalising values.As a result, it strengthens the claim that important value issues facing teenagers must be framed in terms of their whole development as individuals and as contributing members of society.

Encouraged the development of values anchored in modern situations, such as interfaith harmony, gender equality, appreciation for many identities in an era of globalisation, inclusion, and the expanding role of science and technology. These exercises provide a framework for ranking the values that should be inculcated in each student according to their cultural needs and origins.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)

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

The CMRCET promotes knowledge of national identities and emblems as well as of citizens' fundamental duties and rights. To emphasise the responsibility that people have in exchange for the numerous basic rights they enjoy, the idea behind increasing public knowledge of fundamental rights is to highlight these rights. National symbols have a deeper, more profound meaning that encompasses a wider range of a nation's values and traditions as well as historical depictions of the nation that, in the end, unify the nation. National symbols are more than just figurative representations of a nation's people, ideas, or feelings. They are respected and held in high regard because of their connection to a nation's history, which is why they are mentioned in the Constitution, so giving them legal protection. We emphasise to the students that these symbols are "broader than an ideological movement" and that in order for a colour or an emblem to have historical significance, it must be adopted by the populace, perceived, and accepted. Our objective is to increase students' understanding of their rights.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	**No File Uploaded**

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

File Description	Documents
Code of Ethics - policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	[View File](#)
Any other relevant information	**No File Uploaded**

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

CMRCET celebrates national and international festivals and activities as a way to commemorate the significant sacrifices they made for the country.

The college Management, the principal, the students, the teachers, and other college employees collaborate and remember many significant events in order to respect our culture and faith. In their remarks, the management and the principal emphasize the significance of freedom warriors on Independence Day and Republic Day. The NCC cadets and the band organise a procession while

hoisting the national flag. By awarding medals to students who excelled in various sports and other competitions, the Institute is dedicated to passing along its patriotism and awareness to the future generation as a responsible social organization. In addition to these occasions, Human Rights Day and International Women's Day are also observed.

The Institute provides awareness to students about Dr. Radha Krishnan's importance as an academic philosopher every year when it celebrates Teacher's Day, the birthday anniversary of the second President of India, Dr. Sarvepalli Radha Krishnan. The teacher's community organizes an event in the auditorium to felicitate the teachers, hold cultural activities, and appreciate their service.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

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.A complete gravity flow system with no external pumping, it is the first of its kind system created with a treatment cost close to free. The system has a 200 KLD capacity for handling home waste water. Wetlands, a type of naturally occurring environment, have been reviving water for centuries. Constructed wetland systems are biological engines that deliver oxygen and can treat most types of waste water. wetlands function as biological filters.

2.The Research &Development(R&D) Centre of the Institute is recognized by the Scientific and Industrial Research Organizations (SIRO) and departments of CSE, ECE, EEE, & MBAare recognized as research centres by JNTU Hyderabad. Financial support is also extended to all the students and faculty in the form of SEED Money provided through IQAC. Under SEED Money around 16 lakh rupees is provided to carry out for preliminary work to improve the possibility of acceptance of funding. R&D Centre conductsResearch

Advisory committee (RAC) meetings timely to review the progress of research activities and to suggest the activities. Number of research papers published by the students and faculty has improved (around 231 research papers published in various SCI, Scopus and UGC Journals) in AY 2021-22.

File Description	Documents
Best practices in the Institutional website	www.cmrcet.ac.in/files/naac2023/criteria 7/7.2.1/7.2.1. Best practices - Overall.pdf
Any other relevant information	nil

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)

Centre for Engineering Education and Research (CEER) is established with a distinctive goalof training the students to meet the dynamic needs of the society. It not only encourages the faculty and students to give research exposure in their respective field but also provides a platform for students through experiential learning, project-based learning and service-based learningwith a motif to meet the present societal needs and help the under-privileged and unprivileged learners of the society through NGOs and other agencies.Students are exposed to ongoing problems of the society in order to give the first-hand experience and suggest a compatible solution.

In the case of Teaching learning practices, the faculty and the students are encouraged to register and complete various certification courses in order to expand their scope learning and experience. Faculty and students from CEER are assisting neighboring government schools in teaching concepts from Mathematics, Physics, and Chemistry. CEER is also contributing in sharing the knowledge to school students in implementing ATAL Tinkering Lab in various model schools. CEER is collaborated with many community partners/NGOs in conducting awareness camps and display of Grassroot innovations in collaborated villages to create awareness among farmers on agriculture and innovations related to it.

File Description	Documents
Appropriate link in the institutional website	www.cmrcet.ac.in/files/naac2023/criteria 7/7.3.1/7.3.1_Distinct_practices 2021-22.pdf
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

- **Establishment of National Cadet Corp (NCC) Unit -II for Girls, New unit for boys**

- **Signing of MOAs/MOUs with Industries/NGOs/Research Institutions**

- **To participate in various College Rankings-NIRF & ARIIA in Independent _____**

- **To establish Centres of Excellence in various departments**

- **To conduct SWAYAM/MOOCs workshop on how to create ICT lectures**

- **Laboratory equipment's and library procurements**

- **Preparation of research project proposals & writing scientific/research articles by faculty**

- **Start-ups**

- **Preparation of annual report and conduct of Academic Administrative Audit Through internals and externals**

- **Revision of R & D policies**

- **Appling for research centres under JNTUH in various departments**

- **Conduct of guest lectures from eminent academicians os IITs / NITs/ Premier institutions**