



# **YEARLY STATUS REPORT - 2022-2023**

## **Part A**

### **Data of the Institution**

#### **1.Name of the Institution**

**CMR TECHNICAL CAMPUS**

- Name of the Head of the institution **Dr Avala Rajireddy**
- Designation **Director**
- Does the institution function from its own campus? **Yes**
  
- Phone no./Alternate phone no. **09247033440**
- Mobile no **9248727220**
- Registered e-mail **director@cmrtc.ac.in**
- Alternate e-mail **info@cmrtc.ac.in**
- Address **Kandlkoya(V), Medchal Road,Hyderabad**
- City/Town **Hyderabad**
- State/UT **Telangana**
- Pin Code **501401**

#### **2.Institutional status**

- Affiliated /Constituent **Autonomous**
- Type of Institution **Co-education**
  
- Location **Rural**

- Financial Status **Self-financing**
- Name of the Affiliating University **Jawaharlal Nehru Technological University Hyderabad**
- Name of the IQAC Coordinator **Dr G Srikanth**
- Phone No. **9248727226**
- Alternate phone No. **9247016285**
- Mobile **9248727226**
- IQAC e-mail address **iqac@cmrtc.ac.in**
- Alternate Email address **hod.ece@cmrtc.ac.in**

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

<https://cmrtc.ac.in/wp-content/uploads/2023/08/AQAR-21-22-submitted-on-aug-2023.pdf>

**4.Whether Academic Calendar prepared during the year?**

**Yes**

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

[https://cmrtc.ac.in/wp-content/uploads/2023/06/B.Tech-II-Year\\_13.06.2023-1.pdf](https://cmrtc.ac.in/wp-content/uploads/2023/06/B.Tech-II-Year_13.06.2023-1.pdf)

**5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A</b>	<b>3.12</b>	<b>2019</b>	<b>08/02/2009</b>	<b>07/02/2024</b>

**6.Date of Establishment of IQAC**

**01/09/2017**

**7.Provide the list of funds by Central / State Government**

**UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,**

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
<b>Dr.P.Venkata krishnan/ECE</b>	<b>MODROB</b>	<b>AICTE</b>	<b>2022/ 2 year</b>	<b>15.08</b>
<b>Dr. T Subha Mastan Rao/ Dr. Maneiah</b>	<b>SEED</b>	<b>DST</b>	<b>2021/3 years</b>	<b>66.91</b>

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

- Upload latest notification of formation of IQAC No File Uploaded

**9. No. of IQAC meetings held during the year** 2

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

**10. Whether IQAC received funding from any of the funding agency to support its activities during the year?** No

- If yes, mention the amount

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

Sustained efforts towards enhancing teaching-learning infrastructure  
Promotion of MOOCs courses like NPTEL, Swayam, Eduskill, etc., to students  
Increased faculty engagement in research and innovation to elevate institute ranking in NIRF  
Upgradation and maintenance of ICT equipment for improved quality  
Promotion of student involvement in co-curricular and extension activities  
Pursuit of comprehensive computerization for academic and administrative processes  
Ongoing planning and execution aligned with industry needs for better student outcomes

**12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year**

Plan of Action	Achievements/Outcomes
<p style="text-align: center;">Enhancement in Curriculum</p>	<p>Add on courses and MOOCS Courses are introduced to students apart from their regular courses for which institute recognised best performing institute by NPTEL.</p>
<p style="text-align: center;">Review of teaching learning process, structures &amp; methodologies of operations</p>	<p>Institute periodically reviews its teaching learning process periodically as mentioned in the academic planner, which results in students' performance outcome in academics</p>
<p style="text-align: center;">Participation of faculty in research &amp; innovation activity</p>	<p>Faculty involvement in research and innovation activity is improved because of R&amp;D reward policy which made enhancement in number of publication and patents</p>
<p style="text-align: center;">Enhancement student participation in Spots and extension activities</p>	<p>The effective functioning of the Student Activity Cell, which oversees the operations of various clubs, including NSS and NCC, has led to a notable increase in student participation in sports and extension activities</p>
<p style="text-align: center;">Strategies for Increasing Student Placements</p>	<p>The introduction of NeOPAT assessment tools in skill development and campus recruitment training, coupled with effective alumni engagement, has resulted in a significant increase in the number of placed students and a rise in the average package offered to them</p>
<p style="text-align: center;">Initiation for Entrepreneurship</p>	<p>The institute organizes regular sessions, workshops, guest lectures, and Entrepreneurship Development Cell (EDC) activities aimed at providing students with insights into</p>

	current opportunities and equipping them with essential skills for entrepreneurship.
Enchantment of Infrastructural Facilities	New classrooms, laboratories, and seminar halls have been established equipped with the latest ICT-enabled facilities, aimed at enhancing the effectiveness of learning.

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	17/12/2022

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

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	CMR TECHNICAL CAMPUS
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• Designation	Director
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• Type of Institution	Co-education
• Location	Rural
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• Phone No.	9248727226				
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<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://cmrtc.ac.in/wp-content/uploads/2023/08/AQAR-21-22-submitted-on-aug-2023.pdf">https://cmrtc.ac.in/wp-content/uploads/2023/08/AQAR-21-22-submitted-on-aug-2023.pdf</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://cmrtc.ac.in/wp-content/uploads/2023/06/B.Tech-II-Year_13.06.2023-1.pdf">https://cmrtc.ac.in/wp-content/uploads/2023/06/B.Tech-II-Year_13.06.2023-1.pdf</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.12	2019	08/02/2009	07/02/2024
<b>6.Date of Establishment of IQAC</b>			01/09/2017		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Dr.P.Venkat akrishnan/ECE	MODROB	AICTE	2022/ 2 year	15.08	
Dr. T Subha Mastan Rao/ Dr. Maneiah	SEED	DST	2021/3 years	66.91	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			Nil		
• Upload latest notification of formation of IQAC	No File Uploaded				

<b>9.No. of IQAC meetings held during the year</b>	<b>2</b>	
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded	
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<p>Sustained efforts towards enhancing teaching-learning infrastructure Promotion of MOOCs courses like NPTEL, Swayam, Eduskill, etc., to students Increased faculty engagement in research and innovation to elevate institute ranking in NIRF Upgradation and maintenance of ICT equipment for improved quality Promotion of student involvement in co-curricular and extension activities Pursuit of comprehensive computerization for academic and administrative processes Ongoing planning and execution aligned with industry needs for better student outcomes</p>		
<b>12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>		
Plan of Action	Achievements/Outcomes	
Enhancement in Curriculum	Add on courses and MOOCs Courses are introduced to students apart from their regular courses for which institute recognised best performing institute by NPTEL.	
Review of teaching learning process, structures & methodologies of operations	Institute periodically reviews its teaching learning process periodically as mentioned in the academic planner, which results in students'	



	performance outcome in academics
Participation of faculty in research & innovation activity	Faculty involvement in research and innovation activity is improved because of R&D reward policy which made enhancement in number of publication and patents
Enhancement student participation in Spots and extension activities	The effective functioning of the Student Activity Cell, which oversees the operations of various clubs, including NSS and NCC, has led to a notable increase in student participation in sports and extension activities
Strategies for Increasing Student Placements	The introduction of NeoPAT assessment tools in skill development and campus recruitment training, coupled with effective alumni engagement, has resulted in a significant increase in the number of placed students and a rise in the average package offered to them
Initiation for Entrepreneurship	The institute organizes regular sessions, workshops, guest lectures, and Entrepreneurship Development Cell (EDC) activities aimed at providing students with insights into current opportunities and equipping them with essential skills for entrepreneurship.
Enchantment of Infrastructural Facilities	New classrooms, laboratories, and seminar halls have been established equipped with the latest ICT-enabled facilities, aimed at enhancing the effectiveness of learning.
<b>13. Whether the AQAR was placed before</b>	<b>Yes</b>

<b>statutory body?</b>	
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Governing Body	17/12/2022
<b>14. Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
2022-2023	15/04/2024
<b>15. Multidisciplinary / interdisciplinary</b>	
<p>To encourage Multidisciplinary / interdisciplinary culture in the institution Multidisciplinary / interdisciplinary course is introduced in Open elective and professional electives.</p> <p>Basic Elements of Emerging Technology course is introduced in first year to inculcate Multidisciplinary /interdisciplinary approach among the students</p> <p>Technical and Non-technical club are functioning at institute level and members are from all the branches</p> <p>Work space is provided to students to develop their innovative ideas into products.</p> <p>IIC activities and Hackathon are conducted regularly to encourage to develop inter disciplinary working culture among the students.</p>	
<b>16. Academic bank of credits (ABC):</b>	
<p>The institute is registered on the ABC (Academic Bank of Credits) portal to facilitate credit mobility for students from Academic Year 2022-2023.</p> <p>The Academic Bank of Credits (ABC) is a system designed to provide students with greater flexibility in their academic pursuits by allowing them to accumulate credits for various learning experiences beyond traditional classroom courses. This concept is often associated with competency-based education models, where students can earn credits based on demonstrating mastery of specific skills or competencies, rather than solely on</p>	

the basis of time spent in class.

Academic Bank of Credit (ABC) of the institute to facilitate transfer of credits acquired by the students from institute to another institute for the award of a degree.

### **17.Skill development:**

Skill development initiatives for engineering students are crucial for preparing them for the dynamic and challenging demands of the professional world. The institute has introduced some effective initiatives for the under graduate engineering students to upgrade the skill sets as per the current industry requirement.

Technical Workshops and Training Programs have been organized cutting-edge technologies and tools relevant to different engineering disciplines. Hackathons have been conducted to showcase the coding skills and innovative problem solving skill of the students.

Programs are being conducted to nurture entrepreneurial skills and foster innovation among engineering students.

Entrepreneurship courses, startup incubators, and innovation challenges provide students with the knowledge, skills, and support needed to develop and launch their own ventures and innovative projects.

Professional Ethics and Social Responsibility related courses have been introduced into the engineering curriculum to foster a sense of ethical awareness and social consciousness among students. Encourage students to consider the ethical implications of their engineering decisions and to contribute positively to society through their work.

- Capgemini established Centre in the institution centre of excellence in JAVA and Embedded Systems and wither some of other companies.
- Several MoUs are made with reputed institute and Industry to train the students and hire as intern.

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

CMRTC is established various Technical and cultural clubs meant for conducting the student activities. It is providing to students interact with industry experts and eminent academicians

to share their knowledge.

- The Akreethi - cultural and Lexis- literary clubs, Sports club , Photography club and Various Technical clubs are established for up-skilling of the student's skill.
- Faculty and students are completing the MOOC courses through AICTE Swayam and NPTEL platforms. Institute has NPTEL local chapter. Local Chapter of CMRTC appreciated for its performance by NPTEL agency.
- Various Mandatory Courses such as Constitution of India, history and Yoga classes are introduced to develop universal human values among the students
- Students registered under NCC and NSS schemes are actively conduct various awareness and social service programs as per the event calendar

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

OBE is an approach measure the outcome of the student upon the completion of course. It is a student-centered instruction model that focuses on measuring student performances through outcomes.

The OBE model measures the progress of graduates in three parameters, through: Course Outcomes (CO) • Program Outcomes (PO) • Program Educational Outcomes (PEO) The course outcomes are defined for each course and the same will be evaluated using the students' performance in the continuous internal evaluation.

- Question are prepared using Blooms Taxonomy to measure the learning from level one to level six
- After completion of the semester the Courses Outcomes are mapped with Program Outcome
- Add on course and seminar are conducted meet the Program Outcomes which are directly attend from the academics.
- Surveys are collected from Alumni, Employee and Exit survey for measuring the outcomes using indirect method
- Appropriate corrective measures are implemented to bridge the curriculum gaps by conducting various inviting lectures, professional activities like participating in design challenges, Modelling and Experimental Tools in engineering (METE) project expos etc

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

- smart classroom with latest ICT facilities with sound technical support in each department.
- Use of technology-based education platforms, such as NPTEL

/ SWAYAM / DELNET / COURSEERA.

- Vocational Education to promote employment in local area and rural employment
- Freedom to the teacher to review and amend the curriculum, periodically
- Promoting the teachers to integrate research with teaching.

## Extended Profile

### 1.Programme

1.1	675
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

### 2.Student

2.1	4613
Number of students during the year	

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

2.2	463
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

2.3	679
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

### 3.Academic

3.1	247
-----	-----

Number of full time teachers during the year		
File Description	Documents	
Data Template	<a href="#">View File</a>	
3.2	216	
Number of sanctioned posts during the year		
File Description	Documents	
Data Template	<a href="#">View File</a>	
<b>4.Institution</b>		
4.1	67	
Total number of Classrooms and Seminar halls		
4.2	2099.62	
Total expenditure excluding salary during the year (INR in lakhs)		
4.3	1721	
Total number of computers on campus for academic purposes		

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

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

For implementing effective delivery of the curriculum, the following process has been adopted in CMR Technical Campus:

- Dean Academics will present the Academic Calendar in Academic Council Meeting and after the approval it will be circulated to all the departments that includes date of commencement of class work, First and Second spell of Instructions about 16 weeks, Mid-I exams about one week, Mid-II exams about one week, Preparation and Practical Examinations about one week and End Semester & supplementary Examinations about two weeks.
- Department advisory committee will prepare Academic Planner in line with Academic Calendar for every semester that

includes planning of course allotment, Time Table Preparation, Course File Preparation, CRT Classes, Association Hours, Events, workshops at department level.

- As per the curriculum, the courses are allotted to the faculty based on their experience and expertise.
- The concerned faculty prepares course file that consists of lecture schedule, tutorial sheets, assignments and Question bank before commencement of the Class work. This course file demonstrates the documentation process of effective deliverance of curriculum.
- The lectures have been delivered with the help of ICT tools and teaching aids.
- Syllabus coverage has been reviewed on monthly basis to ensure coverage of syllabus in time

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://cmrtc.ac.in/2022-23/Academic_Calendar_Page_22-23.pdf">https://cmrtc.ac.in/2022-23/Academic_Calendar_Page_22-23.pdf</a>

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

Continuous Internal Evaluation(CIE) for theory courses, there shall be 2 Mid-term examinations of 30 marks each. Each Mid-term examination consists of subjective paper for 25 marks and assignment for 5 marks and the final CIE marks are calculated by taking average of the two Mid-term examinations.

CIE for practical courses, out of 30, 15 marks are allocated for day-to-day work evaluation and the remaining 15 marks for internal practical examination. There shall be two internal practical examinations of 15 marks each conducted by the laboratory teacher and the average of the two is considered.

The Controller of Examination will send the circular about the examination schedule two weeks before as per the academic calendar. The department exam coordinator will inform all the course coordinators to send the internal exam question papers of two sets to Head of the Department. HoD will forward these question papers to exam section. The exam section prepares seating arrangement chart, list of invigilators etc. After the exams, concerned course faculty has to submit the evaluated answer

scripts along with assignment booklets to the exam section as per the schedule given in the academic calendar. The record of internal evaluation is maintained at both department and college level.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://cmrtc.ac.in/2022-23/Academic Calendar Page 22-23.pdf">https://cmrtc.ac.in/2022-23/Academic Calendar Page 22-23.pdf</a>

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.**

**Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

**A. All of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

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

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



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

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

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

19

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

1687

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

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

All the cross cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability are integrated into our curriculum at under graduate and post graduate level.

The following courses relevant to Professional Ethics are

integrated into curriculum at under graduate and post graduate level as a mandatory/regular course:

- Professional Practice, Law & Ethics
- Business Ethics and Corporate Governance
- Business Law and Regulations
- English for Research Paper Writing
- Pedagogy Studies
- Intellectual Property Rights
- Constitution of India
- Ethical Hacking

To address gender related cross cutting issues, a Gender Sensitization Lab course has been introduced into all B.Tech Programmes Curriculum as a mandatory course.

The following courses relevant to Human Values are integrated into curriculum as a mandatory/regular course:

- Induction Programme for all B.Tech First Year Students
- Management and Organizational Behaviour
- Value Education

The following courses relevant to Environment and Sustainability are integrated into curriculum as a mandatory/regular course:

- Environmental Science
- Environmental Engineering
- Air Pollution
- Solid waste management
- Renewable Energy Sources
- Disaster Management
- Stress Management by Yoga
- Personality Development through life enlightenment skills

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

### 1.3.2 - Number of courses that include experiential learning through project work/field

## work/internship during the year

11

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

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

386

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

## 1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders**  
Students  
Teachers  
Employers  
Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	<a href="https://cmrtc.ac.in/wp-content/uploads/2024/04/Stake_Holder_Feedback_Analysis_Report_22-23.pdf">https://cmrtc.ac.in/wp-content/uploads/2024/04/Stake_Holder_Feedback_Analysis_Report_22-23.pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://cmrtc.ac.in/wp-content/uploads/2024/04/Stake_Holder_Feedback_Analysis_Report_22-23.pdf">https://cmrtc.ac.in/wp-content/uploads/2024/04/Stake_Holder_Feedback_Analysis_Report_22-23.pdf</a>

**TEACHING-LEARNING AND EVALUATION**

**2.1 - Student Enrollment and Profile**

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

**2.1.1.1 - Number of students admitted during the year**

**1203**

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

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

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

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

## 2.2 - Catering to Student Diversity

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

The institute considers three parameters for identifying level of students as slow learners & advanced learners.

The parameters are Performance at Intermediate, EAMCET Ranking and Performance at internal test level.

Few Strategies adopted for facilitating Slow Learners:

- The respective mentor of student assesses the nature of their problem and motivates them in appropriate manner to achieve their academic goals.
- Remedial classes are planned and the schedule is circulated among the students in advance for conduction of the same.
- Extra classes are organized to clarify doubts and re-explaining of critical topics for improving performance.
- They are provided with the Question Bank, Tutorial questions, Course material and Model question papers.

Few Strategies adopted for facilitating Quick Learners

- Quick learners are identified through their performance in examinations, interaction in classroom and laboratory, their fundamental knowledge, concept understanding and articulation abilities..
- They are involved in Department Events as members and are assigned to conduct events under Various Clubs.
- Special Programs for advances learners include Product Training where students of II, III and IV years are given training on current industry needs not covered in their regular academics.
- Made to complete additional courses viz. NPTEL courses, MOOCs, certification.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/2020-21/2.2.1_Additional_Information_20-21.pdf">https://cmrtc.ac.in/2020-21/2.2.1_Additional_Information_20-21.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
4613	247

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

### 2.3 - Teaching- Learning Process

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

We in CMR Technical Campus believe in the adoption of student centric methods to enhance student involvement as a part of participative learning and problem solving methodology. We follow namely role-plays, discussions, debates, laboratory experimental learning, mini projects and case studies.

#### 1. Experimental learning

- Club activities
- Additional experiments in the laboratory
- Hobby project
- Club activities
- Internship
- Workshops

#### 2. Participative Learning Methodologies followed in the Institution

- Group Discussions

- Role-play
- Club Activities
- Hackathons

### 3. Problem Solving Methodologies followed in the Institution

- Case studies
- Miniproject & Major project
- Internship
- Coding contest.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://cmrtc.ac.in/2022-23/2.3.1_Link_for_Additional_Information_22-23.pdf">https://cmrtc.ac.in/2022-23/2.3.1_Link_for_Additional_Information_22-23.pdf</a>

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

In CMR Technical Campus, the classrooms and computer labs are ICT enabled with projectors installed and the campus is enabled with high speed wifi connection. The faculty at CMRTC use various ICT enabled tools to enhance the quality of teaching-learning like

- Virtual labs are used to conduct labs through simulations.
- Classrooms and Laboratories are equipped with projectors, LCD Screens and Speakers.
- The PPTs are enabled with animations and simulations to improve the effectiveness of the teaching- learning process.
- The online learning environments are designed to train students in open problem-solving activity.
- Video lectures are recorded using Google and upload in appropriate platforms for students to use as extra learning resources.
- Seminar halls and One Auditorium is digitally equipped with mike, projector, cameras and computer system.
- Online Coding Platform, Spoken tutorials & various inter Group college competition are conducted to assess the

learning ability of the students.

- To teach mathematical subjects in online mode, teachers have used various online tools like- whiteboard in Microsoft teams, Jamboard in Google meet, etc.
- MOOC Platforms are available to cater the needs of the students.
- In Library, online e- resources are made available for local and remote access.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

240

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

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

247



File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

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

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

55

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

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

##### **2.4.3.1 - Total experience of full-time teachers**

2297

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## **2.5 - Evaluation Process and Reforms**

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

The institute prepares an Academic Calendar in line with university calendar prior to the commencement of the academic year in consultation with the Heads of the Departments. Then the Institute organizes orientation programs to the students to make them acquainted with the rules and regulations, examinations, evaluation process, Extra-curricular activities etc. Similarly every department organizes a semester orientation program with parents in the first week after starting a new semester.

At the beginning of the semester the question bank is given to the exam section, consisting of Long Answer Questions (LAQ) and Short Answer Question (SAQ), out of which 10% of questions will appearing the Mid-Term Exam. The questions for the exam are selected from the Question bank by the exam section and thus the question paper is prepared a day before the commencement of Exam, maintaining the confidentiality.

After every Mid-Term examination, the corrected answer scripts are distributed to students to know their performance and the same is discussed in the class rooms. All the subjects wise Marks are displayed in the notice boards and in the website. Before uploading the marks, the consolidated mark sheet is circulated among students for their clarifications if any.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://cmrtc.ac.in/2022-23/2.5.1_Link_for_Additional_Information_22-23.pdf">https://cmrtc.ac.in/2022-23/2.5.1 Link for Additional Information 22-23.pdf</a>

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

CMRTC has the redressal mechanism for grievances regarding examination marks. The redressal committee consists of The Director, HoD, and In-charge of Examination. Students can apply for any issues in the evaluation of their answer scripts.

**Continuous Internal Evaluation:**

The teacher distributes evaluated answer scripts to students, and any clarifications or grievances are addressed by the teacher. The internal marks are then displayed on notice board. If any discrepancy is noticed, the concerned teacher will resolve the discrepancy, and the necessary corrections will be made within 2-3

working days.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://cmrtc.ac.in/exam-section/evaluation-process/">https://cmrtc.ac.in/exam-section/evaluation-process/</a>

## 2.6 - Student Performance and Learning Outcomes

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

The Vision, Mission and PEOs are published and disseminated at:

- College website:

[www.cmrtc.ac.in](http://www.cmrtc.ac.in)

- Department website:
- HOD's chamber
- Department corridors
- Department notice boards
- Department Library
- Curriculum and syllabus copies

Mainly, the Vision and Mission statements along with the PEOs, PSO, POs are disseminated to all the stakeholders of the program, by the following means:

- Academic Council Meetings
- Department Advisory Board meetings
- Faculty meetings
- Parent-Teacher Meetings
- Alumni meetings
- Orientation Programme
- Student workshops /Club activities
- Industry expert interactions
- Professional activity meetings

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://cmrtc.ac.in/2022-23/2.6.1_Link_for_Additional_Information_22-23..pdf">https://cmrtc.ac.in/2022-23/2.6.1_Link_for_Additional_Information_22-23..pdf</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

Assessments of course outcomes are the key aspects in the Outcome-Based Education (OBE). Department of ECE has clearly stated learning outcomes of the program and integrated it with the department vision and mission. The learning outcomes are dispersed through scientifically planned syllabus designed by senior faculty, subject experts, Industry persons and approval from the Board of Studies (BOS). The department follows well-structured teaching learning methodologies and assessment measures to adhere with the COs and POs. The learning outcomes are critically evaluated by the Course Coordinators and are checked with the target value.

In the OBE system assessment is done through one or more processes. Assessment is carried out by the department using Direct and Indirect Assessment tools.

In the Direct Assessment tool method students' knowledge and skills are measured from their performance in the Continuous internal evaluation, End semester examinations, Seminars, Comprehensive Viva -Voce, Laboratory Examinations, Mini and Main Project evaluation etc....This method provides strong evidence of students learning.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://cmrtc.ac.in/2022-23/2.6.2_Link_for_Additional_Info_22-23.pdf">https://cmrtc.ac.in/2022-23/2.6.2_Link_for_Additional_Info_22-23.pdf</a>

**2.6.3 - Pass percentage of Students during the year**

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

**the year**

**794**

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
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://cmrtc.ac.in/wp-content/uploads/2024/05/SSS\\_22-23.pdf](https://cmrtc.ac.in/wp-content/uploads/2024/05/SSS_22-23.pdf)

## **RESEARCH, INNOVATIONS AND EXTENSION**

### **3.1 - Resource Mobilization for Research**

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

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

**38.04**

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

**3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**

**3.1.2.1 - Number of teachers recognized as research guides**

**12**

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

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

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

6

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://cmrtc.ac.in/research/grants/">https://cmrtc.ac.in/research/grants/</a>

## 3.2 - Innovation Ecosystem

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

Institute established with a well-balanced eco-system for promoting the innovations by encouraging the student talent under the guidance of well qualified and experienced faculty supported by excellent infrastructure facilities such as center of excellences in cutting edge technologies

R&D Cell of the institute, funds mentors to nurture ideas to start-ups and entrepreneurs. The Innovation policy and guidelines includes the complete information related to the support extended by institution related to publications, skill development, IPR, seed funding, filing designs, copy rights, projects, consultancy and etc. College recognized as host institution for setting up Business incubator by MSME, have an MOU for EDC. To strengthening R&D, Institute established centre of excellences like Data Analytics, Robotics, 3D printing, Nano Technology etc.

As a result of such eco-system, students co-work with the faculty

in design and development of systems and innovations. 270 student's teams were selected and participated in National Level Hackathon, students were published 52 papers in peer reviewed journals, 100 plus research publications published by faculty in SCOPUS/SCI/WOS journals which are supported by the institute. Apart from these institute is supported in filing 10 patents and 8 design patents during this year along with 3 Funded Projects worth of more than 38 L.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://cmrtc.ac.in/research/research-phd-supervisors/">https://cmrtc.ac.in/research/research-phd-supervisors/</a>

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

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

60

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

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

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

12

File Description	Documents
URL to the research page on HEI website	<a href="https://cmrtc.ac.in/research/research-phd-supervisors/">https://cmrtc.ac.in/research/research-phd-supervisors/</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

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

149

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

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

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

103

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

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

NSS & NCC Unit of Institute, UBA and BEET organizes every year the orientation program for I years to inculcate the importance of



community service to sensitize and motivate them to enrol for the said programs and various clubs to address social issues and holistic development. At regular intervals organizes and motivate the volunteers to participate in various extension activities with a objective of not only sensitizing students about social issues but also contribute to community in terms of projects and strengthen the community by participation like awareness programs, health camp

NSS unit take part in initiatives like organizing Swab donation, Adopted Schools to enhance the learning abilities & providing educational resources, Regular Health Camps in adopted villages and in the campus. Swacha Bharat initiatives, inculcating green campus by plantation as well as clean campus by removing debris and mobilizing towards converting organic manure from waste disposal. Blood donation camps, Awareness programs on Suicides prevention, Anti-drug, lake protection rallies were organized

Institution organized International yoga day, NSS Formation Day, Women's day etc. As part of days of importance, like the birth anniversaries of Dr B.R. Ambedkar Jayanthi, Gandhi etc., the national festivals like Independence & Republic day Celebrated.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/quick-links/national-service-scheme-nss/nss-regular-activities/">https://cmrtc.ac.in/quick-links/national-service-scheme-nss/nss-regular-activities/</a>
Upload any additional information	<a href="#">View File</a>

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

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

75

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

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

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

9

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

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

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

429

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**3.5 - Collaboration**

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

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

27

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

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

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

4

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

CMRTC is located at Kandlakoya (Vil), Medchal (Mandal & Dist) in Hyderabad-Nizamabad-Nagpur highway, encompassing a sprawling area of 10 acres with a built-up area of about 33,539.60 sq. m. The college boasts a total of 61 classrooms equipped with LCD projectors, laptops/computers, and WiFi for the teaching-learning process. The central library is well-equipped with a Digital Library containing 20 computers for accessing e-learning resources. Additionally, the college features air-conditioned seminar halls with LCD projectors, computers with internet connectivity, and a public address system.

There is a 1,200-seating capacity auditorium with state-of-the-art

facilities for conducting joint sessions for students. A total of 62 laboratories are well-equipped and meticulously maintained. The computer laboratories are furnished with licensed software as well as open-source software. In total, 1,721 computers are allocated for teaching and learning purposes which includes two computer centers with 100 capacity desktops each in the institution. The physical infrastructure includes classrooms, laboratories, seminar halls, departmental libraries, and central facilities such as the computer center and central library. All these facilities have been planned and constructed in accordance with AICTE norms.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://cmrtc.ac.in/2022-23/4.1.1 Link for Additional Information 22-23.pdf">https://cmrtc.ac.in/2022-23/4.1.1 Link for Additional Information 22-23.pdf</a>

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

The Department of Physical Education (DPE) at CMRTC is dedicated to imparting knowledge and fostering skills in various sports and games, elevating both students and faculty to higher levels of expertise. The institution is equipped with a range of indoor and outdoor facilities, supported by two qualified Physical Directors and additional staff.

**Indoor sport complex Facilities:**

- Three Wooden floor Badminton court
- Two Billiards Tables
- Three Table Tennis Tables
- Chess Boards
- Six Carom Boards

The gym is furnished with internationally standardized imported equipment, boasting:

- Two Treadmills

- Two Cycling Machines
- Two Cross Trainers
- Six Multi Station Gym
- One Cable Crossway
- Ten pairs of Dumbbells
- One Flat Bench
- Weight Rods different weight of Weight Plates
- One abdominal Bench

The institute offers a dedicated yoga room with a qualified trainer, aiming to enhance the mental well-being of students.

#### Outdoor sports Facilities:

The institute provides adequate facilities for outdoor sports, including cricket, hockey, football, and athletics. It features one basketball court, two volleyball courts, two kabaddi courts, a handball court, and a throw ball court.

The institute conduct various cultural activities like dance, singing, skit, elocution compptitions, battukamma celebration, traditional day under Akriti and lexus club.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://cmrtc.ac.in/2022-23/4.1.2_Link_for_Additional_Information_22-23.pdf">https://cmrtc.ac.in/2022-23/4.1.2_Link_for_Additional_Information_22-23.pdf</a>

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

67

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://cmrtc.ac.in/2022-23/4.1.3_Link_for_Additional_Information_22-23.pdf">https://cmrtc.ac.in/2022-23/4.1.3_Link_for_Additional_Information_22-23.pdf</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

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

442.34

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

CMR Technical Campus established a spacious Central Library with an area of 968 Sq. m. in a pleasant environment. It started its functioning with a vision to serve the information needs of its users and to promote a continuous learning atmosphere with holding various Text Books, Reference Books, eBooks, Journals, Magazines, eJournals, Subject PPT's, Subject Animations, Project Reports, Tutorials and NPTEL Video Lessons related to engineering and allied subjects. The Central Library, the college's prime knowledge source, has an impressive collection of 33600+ volumes of 3600+ titles and 130+ plus National & International print Journals, 17 Magazines and 7 News papers to cater to the Engineering and Management streams. The library books can be easily accessed through the use of Online Public Access Catalogue

(OPAC) and is fully automated with the Integrated Library Management Software "New genLib Commercial Release, Version - Helium 3.1.3".

The Digital Library is an added facility for the benefit of the students and faculty. Digital Library has 20 systems with internet connectivity to access the digital content like NPTEL Video Lectures, MIT Open Courseware, e-Books and Projects through "College Data Share" (Institutional Repository) software. User can access "College Data Share" within the campus by using the local IP and even can access anywhere by using the public IP.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://cmrtc.ac.in/infrastructure/library/">https://cmrtc.ac.in/infrastructure/library/</a>

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

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

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

37.17

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

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

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

463

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

#### 4.3 - IT Infrastructure

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

CMRTC constantly upgrades both software and hardware in accordance with prescribed norms and academic standards. The following are the strategies for deploying and upgrading IT infrastructure and associated facilities:

- The required count of computers is maintained as per prescribed norms. Total number of computer available for the current assessment year is 1420.
- Obsolete computers are replaced periodically.
- Software is purchased, and licenses are renewed as per syllabus requirements.
- Internet bandwidth connectivity is upgraded based on needs.
- Wi-Fi connectivity provided on the entire campus is upgraded periodically. Currently One GBPS of bandwidth internet speed provided in the institute through wired and wireless connectivity.
- IT-enabled accessories are purchased as per requirements
- Maintenance is carried out regularly.

##### Network Security:



CMRTC is follow necessary steps to ensure information security and protect against potential threats. The use of appropriate safety standards, limiting remote access to authentic users, and configuring firewall settings are important measures in safeguarding data. SOPHOS firewall is a recognized security solution, known for its capabilities in threat detection and prevention.

LAN facility:Both Ethernet and Wi-Fi LAN options are available across departments and office buildings, providing users with flexibility in accessing the network. The 1 Gbps dedicated Internet indicates a commitment to enhancing network speed and reliability.

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

#### 4.3.2 - Number of Computers

1721

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

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

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

#### 4.4 - Maintenance of Campus Infrastructure

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

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and

**academic support facilities) excluding salary component during the year (INR in lakhs)**

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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

CMRTC follows well defined Standard Operating Procedures (SoP) for the utilization and maintenance of physical equipment of laboratories, Classrooms..etc. Some of the standard operational procedure named is as below.

- Maintenance and utilization of Computers
- General Maintenance
- Establishment and maintenance of labs SoP includes policies and procedures of record and maintenance.

.Records of all infrastructure including equipment, software, books and other items shall be maintained by all departments and sections of the institute.

This SOP shall provide definition of assets/piece of infrastructure which must be entered in the stock Register, the process of making entries in the stock Register, the coding of each item and marking of inventory numbers on pieces of infrastructure. The SOP shall also focus on depreciation, physical asset verification and its periodicity, transfer of assets from one to the other department, writing off of obsolete items and their disposal.

#### Upkeep and maintenance

All departments shall strictly follow the laid down procedures and guidelines of the institute with regard to cleanliness and

preventive and corrective maintenance of infrastructure.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://cmrtc.ac.in/2022-23/4.4.2 Link Page for Additional Information 22-23.pdf">https://cmrtc.ac.in/2022-23/4.4.2 Link Page for Additional Information 22-23.pdf</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

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

997

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

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

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

107

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

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

**A. All of the above**

File Description	Documents
Link to Institutional website	<a href="https://cmrtc.ac.in/iic/iic-activities-2022-2023/">https://cmrtc.ac.in/iic/iic-activities-2022-2023/</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

**370**

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

**370**

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

**5.1.5 - The Institution has a transparent**

**A. All of the above**

**mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

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

## **5.2 - Student Progression**

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

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

**370**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

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

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

**34**

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

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

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

60

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

**5.3 - Student Participation and Activities**

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

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

11

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

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

In CMRTC, Students are added as members of various administrative, Co-Curricular and Extracurricular activities of the institution. The student's inputs were taken into count while taking the policy decisions. The institute put the continuous and constant attempt for the overall development of the students. The following are the committees where students are actively participate as body of the members

### Clubs

Objective of Student Council is to demeanour activities and provide services involving students constructively in both co-curricular & extracurricular activities. The Student Activity Cell [SAC] of CMRTC consists of the following clubs which focus and facilitates for overall development of students. Each club is headed by a faculty advisor and constitutes President, Vice President, Secretary, Treasure and members of each class.

- Aakriti - The Cultural Club
- Lexis - The Literary Club
- Sahaya - The Helping Hand
- Innovative Club
- Robotics Club
- Film & Photography Club
- Sports Club
- National Service Scheme (NSS)
- NCC

Syllabus Review committee members

Members of Technical Fest and Events organizing Committee.

Members of Editorial board of News letter and Magazine.

Members of Anti ragging committee.

Members of extra and co-curriculum activities of the department

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/2022-23/5.3.2_Link_for_Additional_Info_22-23.pdf">https://cmrtc.ac.in/2022-23/5.3.2_Link_for_Additional_Info_22-23.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

643

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

## 5.4 - Alumni Engagement

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

The CMRTC Alumni Association (CMRTCAA), a registered entity, aims to facilitate robust communication and foster a cordial relationship between alumni and students. An annual Alumni meet, held on the last Saturday of December, serves as a vital platform for reconnection and networking. The institution values alumni success as reflective of its own achievements and actively engages



them as advisory members across professional bodies, providing guidance and mentorship to students.

Alumni contribute significantly to student development by raising awareness of employment opportunities, delivering guest lectures, and seminars, particularly to pre-final and final year students. They actively participate in social service initiatives through SAHAYA and NSS, enriching community engagement.

Utilizing their professional networks, alumni assist in organizing industrial visits and facilitate the signing of MoUs with their respective companies. Departmental meetings allow for tailored engagement, ensuring relevance to academic disciplines.

Alumni play a pivotal role in curriculum development, offering feedback on syllabi, and contributing to the formulation of educational objectives and outcomes. Financial support, including book donations to the library, underscores their commitment to institutional advancement. Overall, CMRTCAA's proactive involvement underscores its dedication to enhancing student experiences and contributing positively to the broader community.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/t-p-cell/alumni/about-alumni/">https://cmrtc.ac.in/t-p-cell/alumni/about-alumni/</a>
Upload any additional information	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year B. 4 Lakhs - 5Lakhs (INR in Lakhs)**

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

**GOVERNANCE, LEADERSHIP AND MANAGEMENT**

**6.1 - Institutional Vision and Leadership**

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

**Nature of Governance:**

CMRTC Governing body is top decision-making entity, which

schedules meeting twice in a year and taking critical important decisions with respect to budgetary allocation as well as academic improvements are taken and the same is passed on to the member secretary of governing body. Further the Director summons the Deans and HODs of various departments to prepare the strategies for implementation of the decisions taken in the governing body meeting.

Participation of the teachers in the decision making Bodies:

CMRTC believes teachers form the core group of decision implementation. Imperative teachers from all cadres are part of every committee formed in line with requirements of higher education regulatory bodies like AICTE, UGC, NBA, NAAC and affiliating university. The management has always welcomed the views and suggestions expressed by the faculties in taking institution ahead.

The presence of the faculty can be found in all the following committees.

Academic Advisory Committee

Academic Audit Committee

Program assessment committee

Department Advisory committee

Staff Selection committee

Anti-Ragging& Disciplinary Committee

Grievance Redressal Committee

IQAC Committee

R & D Committee

Training & Placement Committee

Women Empowerment Cell ....etc.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/administration/organizational-structure/">https://cmrtc.ac.in/administration/organizational-structure/</a>
Upload any additional information	<a href="#">View File</a>

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

CMRTC demonstrates eminent leadership through decentralization and participatory management, ensuring the involvement of all stakeholders. The Director, supported by Deans, Department Heads, Controller of Examinations, Librarian, Training and Placement Officer, and Administrative Officer, spearheads this approach.

Decentralization is actively pursued in alignment with inter-departmental responsibilities. This philosophy permeates all academic and administrative activities, with key personnel such as the Director, Council of Deans, Controller of Examinations, Administrative Officer, and Department Heads assuming responsibility for various functional areas, including the Purchase Committee.

Best practices are implemented under the shadow of decentralization and participative management. Roles at the institution level, including those of the Chairman, Principal, Deans, Controller, Administrative Officer, Department Heads, and Training and Placement Officer, are clearly defined, fostering effective decision-making and collaboration.

The Purchase Committee serves as a case study of decentralization in action. Organizational heads, including management, the Director, Deans, Controller of Examinations, Department Heads, and Administrative Officer, collaboratively focus on enhancing the institution through modern facilities and practices, such as digital classrooms and advanced laboratories.

Flexibility within the Purchase Committee ensures qualitative and quantitative outcomes, illustrating the efficacy of decentralization in achieving institutional goals. This approach allows for effective procurement of materials, benefiting students across wider spectrum.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/quick-links/committees/purchase-committee/">https://cmrtc.ac.in/quick-links/committees/purchase-committee/</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

CMR Technical campus has shown tremendous growth over the past 14 years. The strategic plan of CMRTC is formulated with Academics, Research and Infrastructure as key criteria. The strategic Plans includes

- Updating the curriculum as per industry.
- Updating the curriculum as per industry needs for better placement of students, encouraging student participation in add-on courses and skill development programs.
- Efficient and effective teaching learning process.
- Continuous growth in research and development
- Students over all development through continuous participation
- Financial planning and Management
- Students placements and encouraging to become an entrepreneur
- Alumni interaction and outreach activities
- Signing MoU with industry for training and Internship for the students.
- Constant Internal Quality Assurance System
- Making its recent Rankings debut all the more special, CMR TECHNICAL CAMPUS has attained Rank 151-300 in the coveted NIRF India Rankings 2023.
- Improvements in project grants

Once the planning has been done, the same is implemented and monitored by concern authorities like BoG, Principal, HoDs and in

charges of various committees.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://cmrtc.ac.in/administration/strategic-plan/">https://cmrtc.ac.in/administration/strategic-plan/</a>
Upload any additional information	<a href="#">View File</a>

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

The administrative structure, guidelines and procedures are explained in the organogram of the institute. It is provided on the college website. The Governing Council (GC) is the Institute's highest body, comprises of management representatives. The following are the Institute's various decision-making bodies, each with its own functional area.

**Governing Body:** The members of the body take major decisions like consideration and approval of strategic plans to accomplish the goals set by the institution.

**Academic council:** The policies are further implemented by the heads of the departments and faculty for the efficient functioning of the institution.

**Board of Studies:** Every department of the institution has a board of studies and conduct meetings two years once to review the syllabus.

**Finance Committee:** The finance committee examines accounts, expenditures, proposals that require new expenditures and submits to the Board of Governors for approval of the governing body.

The institute has displayed an organogram with the set roles and responsibilities. Organisational chart shows the delegation of power at various levels at various administrative positions such as principal, controller of examinations, finance officers, department heads.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/administration/organizational-structure/">https://cmrtc.ac.in/administration/organizational-structure/</a>
Link to Organogram of the institution webpage	<a href="https://cmrtc.ac.in/wp-content/uploads/2020/05/orgmanual_cmrtc.pdf">https://cmrtc.ac.in/wp-content/uploads/2020/05/orgmanual_cmrtc.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

## 6.3 - Faculty Empowerment Strategies

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

CMRTC initiatives towards the welfare of its teaching and nonteaching staff include the following:

- Training in the use of computers for non-teaching staff to motivate them to undertake self-development.
- Facilitation of faculty participation in programmes for professional development, organized by the institute and also other agencies, through grant of leave and providing financial incentives.
- Financial incentives and on-duty leave for faculty who are engaged in research-related works.
- Organization of sports and cultural activities in which all staff can participate.
- Subsidized transport for non-teaching staff and faculty.

- Gifts to the staff members on occasion of Marriage, house warming ceremony, children marriage.
- Free-ships for the children of staff members.
- Maternity leave for female staff members.
- Financial assistance for higher studies. Employees Provident Fund to the eligible staff members. Canteen facilities for students and staff.
- Free medical treatment to teaching ,Non teaching and administrative staff in CMR hospital Uniform for Class-IV and Security Employees.
- Organizing Health Awareness programmes.
- ATM facility is provided in the Campus.
- Free medical Treatment for the CMR faculty ,students and Their parents.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/wp-content/uploads/2021/01/Reimbursement-Reward-Policy_CMRTC-2021.pdf">https://cmrtc.ac.in/wp-content/uploads/2021/01/Reimbursement-Reward-Policy_CMRTC-2021.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

50

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

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

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

7

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<a href="#">View File</a>
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

**6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**

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

134

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

CMRTC adheres to API system introduced by UGC/AICTE/ JNTUH for assessment of its faculty members. However, for the non teaching staff affiliating university guidelines are followed. The faculty members are advised to download the Self Appraisal form,



as available in the public domain at the institute website at their convenience. This facilitates the individual to plan their activities well in advance. Once the window for uploading the self appraisal is open, the faculty are directed to submit the completed appraisal form. Generally the appraisal is considered for academic year starting from June to May. The appraisal is typically classified in three broad categories 1) Teaching, Learning and Evaluation Related activities 2) Research and Academic Contributions 3) Co- Curricular and Professional Development Related Activities. These covers the details of teaching, pass percentage, research, books and papers published, conferences, seminars, workshops, training programmes and academic administration carried out during the academic year. In addition to the annual appraisal, at the end of each semester, the feedback is collected from the students about their concerned faculty, which evaluates the teaching methodology, creativity and level of understanding. The submitted self-appraisal forms are consolidated with student feedback. HOD remarks will also be considered for evaluation process.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/wp-content/uploads/2022/08/self-appraisal-form.pdf">https://cmrtc.ac.in/wp-content/uploads/2022/08/self-appraisal-form.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

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

CMR Technical Campus conducts both internal and external audits.

**Internal Auditing Process:** Finance Committee chaired by Director of CMRTC, forms an Internal Audit Committee (IAC) once in 6 months to conduct internal audit. It performs two types of audit.

1. Transaction Audit where IAC examines the vouchers to know whether cash receipts and expenses are as per the cashbook?
2. Compliance Audit where IAC examines whether the amount is sanctioned by competent authority?

After auditing, IAC submits a report to the Finance Committee for

necessary action.

**External Auditing Process:** A Chartered Accountant firm that is approved by the Board of Management carries out external audit annually to know;

- Whether strong internal systems are in place for the processes related to approvals, payments, monitoring the expenditure ...etc
- Whether expenditure has been incurred as per the framed guidelines and by the approval of competent authorities
- Whether funds have been utilized for the purposes for which they were meant

#### Mechanism for Setting Internal and External Audit Objections

Objections raised during internal audit are rectified and preventive measures are taken immediately whereas objections raised in external auditing are reported to Finance Committee which shall in turn recommend suitable actions.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/wp-content/uploads/2022/10/Audit-Financial-Statements-for-the-Assesment-Year-22-23.pdf">https://cmrtc.ac.in/wp-content/uploads/2022/10/Audit-Financial-Statements-for-the-Assesment-Year-22-23.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

27.55

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

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

#### Institutional Strategies for Mobilization of Funds include;

- Tuition fee from students,
- Transportation fee,
- Hostel fee,
- Interest earnings on the fixed deposits of the Institution,
- Revenue realized by conducting seminars, workshops, conferences etc,
- Conducting Online and Offline exams of government or non-government agencies etc,
- Donations from philanthropists,
- Contribution of Alumni,
- Research and Consultancy works of staff,
- Infrastructure outsourcing for Cinema Shootings etc.

#### Institutional Strategies for Optimal Utilization of Resources include;

- At the beginning of every year, Finance Committee prepares the budget of the institution after consulting each department.
- Utmost care is taken to sanction the money within budgetary provisions and utilized only for the purposes for which it is released.
- If there is any deviation between the budgeted and actual amount, the reason for such a variance is discussed with respective in-charge of cost controlling unit and corrective measures are suggested.
- To ensure cost effective purchases, all purchases are routed through centralized purchase department.
- In the case of all research grants received, a separate ledger account is opened for each project to facilitate close monitoring and utilization of funds.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/wp-content/uploads/2022/10/Audit-Financial-Statements-for-the-Assesment-Year-22-23.pdf">https://cmrtc.ac.in/wp-content/uploads/2022/10/Audit-Financial-Statements-for-the-Assesment-Year-22-23.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

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

**Best Practice - 1: Association hours to engineering students with experts from industry and academic institutions**

Association hours connecting engineering students with industry and academic experts are essential for their education. These sessions transfer practical knowledge, inspire career paths, and offer valuable mentorship and networking opportunities. Industry professionals share the latest advancements, motivating students towards research careers. Moreover, these interactions foster mentorship, aiding students in navigating their academic and career paths. Building connections through these sessions can lead to internships and job opportunities, enhancing students' prospects.

**Best Practices-II NSS activities in enhancing the skills, leadership qualities, and overall personality of students**

NSS activities are pivotal for students' holistic development. Engaging in community projects exposes them to diverse backgrounds, fostering empathy and cultural awareness. Clear objectives, structured projects, and regular evaluation are crucial. Collaborating with local NGOs enhances impact. Guidance from experienced coordinators is vital. These best practices nurture skills, leadership, and overall personality. By immersing in hands-on experiences and diverse communities, students become socially responsible leaders.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/igac">https://cmrtc.ac.in/igac</a>
Upload any additional information	<a href="#">View File</a>

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

The IQAC constantly reviews and takes steps to enhance the quality of the teaching-learning process. The Institute prepares and displays the Academic Calendar in advance, which includes admission to various programs, summer, winter, and mid-term vacations, examination schedules, and result declarations. All newly enrolled students have to compulsorily attend the Orientation Programme, which familiarizes them with the philosophy, the unique education system, the teaching-learning process, the system of continuous evaluation, compulsory core courses, various co-curricular activities, discipline, and culture of the Institute. The campus and its facilities are also shown to the students during a guided tour. Additionally, all students are provided with an information booklet that contains all relevant details for students, including the Time-Table, Program structure, and syllabi of the courses before the semester starts.

Every day the Dean of academics, HODs, and mentors monitor the attendance and conduct of classes. To ensure smooth functioning of classes, the HOD and the coordinators make random visits. Class Incharge stake feedback from students, and appropriate steps are taken to enhance the teaching-learning process. Feedback is carefully analyzed and shared with the Director, Deans, HODs, and faculty members. The IQAC recommendations are used to review the teaching-learning processes and to implement improvement.

File Description	Documents
Paste link for additional information	<a href="http://www.cmrtc.ac.in/igac">www.cmrtc.ac.in/igac</a>
Upload any additional information	<a href="#">View File</a>

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC);**

**A. All of the above**

**Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="http://www.cmrtc.ac.ic/igac">www.cmrtc.ac.ic/igac</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## **INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1 - Institutional Values and Social Responsibilities**

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

CMR Technical Campus Shows gender sensitivity through various initiatives and actions for creating safe, Secure and healthy atmosphere in the campus. Sensitization of the students is done through special lectures and functions.

**Safety and security:**Campus equipped with high resolution cameras through day and night facility of distributed recording in control room has been set up in the campus; entry of unwanted element is monitored through these cameras. .

**Hostel:** Separate hostels for boys and girl students exist. Girls hostel is located within the campus and boys hostel outside the campus. Behavior of students is monitored under set of well-defined rule under the guidance of wardens.

**Medical Facility:** 150 bedded capacities CMR Hospital is located adjacent to CMR Technical Campus provide medical support to the students and staff. Emergency helpline numbers are provided and ambulance service is provided for 24 hours to meet any emergency needs.. **Counseling:**CMRTC has a system of mentoring in each department for inculcating social, Moral and ethical values.

Women empowerment cell also create gender awareness through different program. Rest Room: In each block of the CMRTC separate washroom are available for girls and boys with proper ventilation in the washroom

File Description	Documents
Annual gender sensitization action plan	<a href="https://cmrtc.ac.in/wp-content/uploads/2024/05/Women-safety-and-Secuty-Initiatives-2022-23.pdf">https://cmrtc.ac.in/wp-content/uploads/2024/05/Women-safety-and-Secuty-Initiatives-2022-23.pdf</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://cmrtc.ac.in/wp-content/uploads/2024/05/Women-safety-and-Secuty-Initiatives-2022-23.pdf">https://cmrtc.ac.in/wp-content/uploads/2024/05/Women-safety-and-Secuty-Initiatives-2022-23.pdf</a>

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures** Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment **A. 4 or All of the above**

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

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

CMRTC practices best possible ways of managing the solid, liquid and E-Waste by performing several activities to manage waste from its inception to its final disposal. The various measures adopted in the institute are as follows:

**Solid waste management** The solid waste can be categorised as Degradable (Dust, leaves, twigs, paper) Non-degradable (Plastic, glass, bottles, food wrappers etc) The process of waste management proceeds in the form of collection treatment- disposal. All forms of solid waste are collected by designated persons from the bins placed at different locations of the campus. The collected waste

is fed into the solid waste treatment plant, where the entire waste is burned at around 900oC to form ash. The produced ash is used as fertilizer for farming. Liquid waste management: The volume of liquid waste generated at CMRTC is managed with help of sewage treatment plant (STP) located in the campus.

E-waste management: The institute has tie up with vendor/suppliers of electronic items to buy back and upgrade as possible. The remaining e-waste is disposed through a certified vendor on periodical basis. Hazardous chemicals and radioactive waste management: Chemical waste comes out from the laboratory is stored and processed by external agency

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

**7.1.4 - Water conservation facilities available in the Institution:** Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

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

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

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

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

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



File Description	Documents
Geo tagged photos / videos of the facilities	No File Uploaded
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

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

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

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

**B. Any 3 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	<a href="#">View File</a>

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

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

The institution organizes Traditional festival. NSS and Akriithi club of our college participate in various programmes related to various cultural festivals of all the religions. CMRTC organizes the various activities under various club to create awareness among the students about cultural, regional, linguistic, communal socioeconomic and other diversities. .

- Traditional Day- Celebration of all religion festival .
- Annual Day .
- Bathukamma is a colorful and vibrant festival of Telangana, celebrated by women, as a symbol of Telangana's cultural identity
- Lexis club organizes - literary activities

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

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

Institute undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens. Every Year On 26th Nov, Constitution day was celebrated at institution by inviting the emanate speakers on constitution of India. The institution has introduced a mandatory course on the Constitution of India at B.Tech level across all engineering disciplines to create awareness and sensitizing the students and employees to constitution obligation. A voter's day awareness programme is organized 24th Jan Every year. Every year Republic day is celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Similarly constitution day also would be celebrated on 26th Nov every year. Independence day is also celebrated every year to highlight struggle of freedom and importance of Indian constitution. Some Other programs organized in calendar year · Voter Awareness Program-Importance of vote · Environmental awareness program · Health awareness program Vigilance Awareness Week Harithaharam- Tree plantation · Blood donation camp

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://cmrtc.ac.in/quick-links/national-service-scheme-nss/nss-regular-activities/">https://cmrtc.ac.in/quick-links/national-service-scheme-nss/nss-regular-activities/</a>
Any other relevant information	<a href="https://cmrtc.ac.in/quick-links/national-service-scheme-nss/nss-regular-activities/">https://cmrtc.ac.in/quick-links/national-service-scheme-nss/nss-regular-activities/</a>

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts** A. All of the above

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

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

The following days of importance are celebrated at CMRTC:  
Independence Day & Republic Day: On these days, the national heroes are remembered and their sacrifices are highlighted. Various awards are distributed to the students who excelled in sports and social services. National Youth Day (January 12th) As part of that, delegates from Rama Krishna math deliver seminars on role of youth in building nation. National Science Day (February 28th) National science day is celebrated on every year on 28th February in memory of Dr. C.V. Raman's invention of Raman Effect. Poster presentations and quiz competitions are conducted and achievers are honored with certificates. Teachers Day (September 5th) Usually the students initiate the process of celebration in our campus by honouring the teacher and making their day special. Engineer's day (September 15th) On this day the departments organize technical competitions like project expo, essay writing, poster presentation, etc. Distinguished guests are invited to address the students and faculty to inspire the community to excel as engineers following the path of the great personality. Education Day (November 11th) TNational education Day on 11th November to commemorate the birth anniversary of Maulana Abul Kalam Azad the first education minister of Independent India.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

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

### Best Practice I:

**The Practice: Increased employability of students through skill development programs.**

College Placements attracts the sight of peers and students particularly in professional programs, our placement cell established with the primary objective of ensuring that students are well prepared for the job market and have access to employment opportunities in their respective fields of study. Trainings on specific technologies are provided by a dedicated team under an initiative of building skills employability. These trainings are curated as per latest trends in industry. The soft skills team works upon the students to enhance their soft skills.

### Best Practice II:

**Mentoring System opens the gates of Success & Wisdom**

Mentoring System at CMRTC is an exclusive program that works on the principle of assisting and empowering the mentee with the approach of Friend-Philosopher-Guide. This system involves teaching faculty members who act as mentors of students, and attempt to cater to their emotional, intellectual needs and guide them excel in their career at regular interval of time. The students will be greatly benefited by continuous expert guidance through Mentoring System. Each faculty will be the mentor of a group of 15 to 20 students.

File Description	Documents
Best practices in the Institutional website	<a href="https://cmrtc.ac.in/iqac/best-practices">https://cmrtc.ac.in/iqac/best-practices</a>
Any other relevant information	<a href="https://cmrtc.ac.in/iqac/best-practices">https://cmrtc.ac.in/iqac/best-practices</a>

### 7.3 - Institutional Distinctiveness

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

Vision The Vision of the Institute focuses on four aspects essentially: Global Standards, Value-based Education, Interdisciplinary Research, and Sustainable Development. Academics Excellence Quality of academic excellence can provide a value-added experience for the students. The positive outcomes are achieved by designing the curriculum to meet the global requirements and through teaching learning methods. Exploration of Knowledge through Research. The Institute's determination to be transformed into a centre for major research is so, a commitment to offering high-quality teaching through: Research-Based Learning Teaching Research Education Activities ·Innovation Entrepreneurship Development Priority College gives priority to promoting education for poor students and girl's students of rural background. The rural background students can't effort their education in urban colleges. Our college provides academic as well as encourage them to participate in extracurricularactivities (NSS, NCC and sports) also. Thrust Fortunately, the college has well-qualified faculty members in different departments. They have taken their degrees from the reputed institutes from different part of the country. Therefore, students from rural background are very much benefited from our faculty teaching-learning activities. This is the thrust area that makes us distinctive in the performance of the institution.

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

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

For implementing effective delivery of the curriculum, the following process has been adopted in CMR Technical Campus:

- Dean Academics will present the Academic Calendar in Academic Council Meeting and after the approval it will be circulated to all the departments that includes date of commencement of class work, First and Second spell of Instructions about 16 weeks, Mid-I exams about one week, Mid-II exams about one week, Preparation and Practical Examinations about one week and End Semester & supplementary Examinations about two weeks.
- Department advisory committee will prepare Academic Planner in line with Academic Calendar for every semester that includes planning of course allotment, Time Table Preparation, Course File Preparation, CRT Classes, Association Hours, Events, workshops at department level.
- As per the curriculum, the courses are allotted to the faculty based on their experience and expertise.
- The concerned faculty prepares course file that consists of lecture schedule, tutorial sheets, assignments and Question bank before commencement of the Class work. This course file demonstrates the documentation process of effective deliverance of curriculum.
- The lectures have been delivered with the help of ICT tools and teaching aids.
- Syllabus coverage has been reviewed on monthly basis to ensure coverage of syllabus in time

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://cmrtc.ac.in/2022-23/Academic_Calendar_Page_22-23.pdf">https://cmrtc.ac.in/2022-23/Academic_Calendar_Page_22-23.pdf</a>

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

Continuous Internal Evaluation(CIE) for theory courses, there shall be 2 Mid-term examinations of 30 marks each. Each Mid-term examination consists of subjective paper for 25 marks and assignment for 5 marks and the final CIE marks are calculated by taking average of the two Mid-term examinations.

CIE for practical courses, out of 30, 15 marks are allocated for day-to-day work evaluation and the remaining 15 marks for internal practical examination. There shall be two internal practical examinations of 15 marks each conducted by the laboratory teacher and the average of the two is considered.

The Controller of Examination will send the circular about the examination schedule two weeks before as per the academic calendar. The department exam coordinator will inform all the course coordinators to send the internal exam question papers of two sets to Head of the Department. HoD will forward these question papers to exam section. The exam section prepares seating arrangement chart, list of invigilators etc. After the exams, concerned course faculty has to submit the evaluated answer scripts along with assignment booklets to the exam section as per the schedule given in the academic calendar. The record of internal evaluation is maintained at both department and college level.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://cmrtc.ac.in/2022-23/Academic_Calendar_Page_22-23.pdf">https://cmrtc.ac.in/2022-23/Academic_Calendar_Page_22-23.pdf</a>

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

**A. All of the above**



File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

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

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

13

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

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

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

19

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

1687

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

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

All the cross cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability are integrated into our curriculum at under graduate and post graduate level.

The following courses relevant to Professional Ethics are integrated into curriculum at under graduate and post graduate level as a mandatory/regular course:

- Professional Practice, Law & Ethics
- Business Ethics and Corporate Governance
- Business Law and Regulations
- English for Research Paper Writing
- Pedagogy Studies
- Intellectual Property Rights
- Constitution of India
- Ethical Hacking

To address gender related cross cutting issues, a Gender Sensitization Lab course has been introduced into all B.Tech Programmes Curriculum as a mandatory course.

The following courses relevant to Human Values are integrated into curriculum as a mandatory/regular course:

- Induction Programme for all B.Tech First Year Students
- Management and Organizational Behaviour
- Value Education

The following courses relevant to Environment and Sustainability are integrated into curriculum as a mandatory/regular course:

- Environmental Science

- Environmental Engineering
- Air Pollution
- Solid waste management
- Renewable Energy Sources
- Disaster Management
- Stress Management by Yoga
- Personality Development through life enlightenment skills

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

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

11

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

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

386

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

#### 1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders  
Students Teachers Employers Alumni**

**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	<a href="https://cmrtc.ac.in/wp-content/uploads/2024/04/Stake_Holder_Feedback_Analysis_Report_22-23.pdf">https://cmrtc.ac.in/wp-content/uploads/2024/04/Stake_Holder_Feedback_Analysis_Report_22-23.pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://cmrtc.ac.in/wp-content/uploads/2024/04/Stake_Holder_Feedback_Analysis_Report_22-23.pdf">https://cmrtc.ac.in/wp-content/uploads/2024/04/Stake_Holder_Feedback_Analysis_Report_22-23.pdf</a>

#### TEACHING-LEARNING AND EVALUATION

##### 2.1 - Student Enrollment and Profile

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

### 2.1.1.1 - Number of students admitted during the year

1203

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

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

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

463

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

## 2.2 - Catering to Student Diversity

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

The institute considers three parameters for identifying level of students as slow learners & advanced learners.

The parameters are Performance at Intermediate, EAMCET Ranking and Performance at internal test level.

Few Strategies adopted for facilitating Slow Learners:

- The respective mentor of student assesses the nature of their problem and motivates them in appropriate manner to achieve their academic goals.
- Remedial classes are planned and the schedule is circulated among the students in advance for conduction of the same.
- Extra classes are organized to clarify doubts and re-explaining of critical topics for improving performance.
- They are provided with the Question Bank, Tutorial questions, Course material and Model question papers.

## Few Strategies adopted for facilitating Quick Learners

- Quick learners are identified through their performance in examinations, interaction in classroom and laboratory, their fundamental knowledge, concept understanding and articulation abilities..
- They are involved in Department Events as members and are assigned to conduct events under Various Clubs.
- Special Programs for advances learners include Product Training where students of II, III and IV years are given training on current industry needs not covered in their regular academics.
- Made to complete additional courses viz. NPTEL courses, MOOCs, certification.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/2020-21/2.2.1_Additional_Information_20-21.pdf">https://cmrtc.ac.in/2020-21/2.2.1_Additional_Information_20-21.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
4613	247

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

## 2.3 - Teaching- Learning Process

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

We in CMR Technical Campus believe in the adoption of student centric methods to enhance student involvement as a part of participative learning and problem solving methodology. We follow namely role-plays, discussions, debates, laboratory experimental learning, mini projects and case studies.

### 1. Experimental learning

- Club activities

- Additional experiments in the laboratory
- Hobby project
- Club activities
- Internship
- Workshops

## 2. Participative Learning Methodologies followed in the Institution

- Group Discussions
- Role-play
- Club Activities
- Hackathons

## 3. Problem Solving Methodologies followed in the Institution

- Case studies
- Miniproject & Major project
- Internship
- Coding contest.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://cmrtc.ac.in/2022-23/2.3.1_Link_for_Additional_Information_22-23.pdf">https://cmrtc.ac.in/2022-23/2.3.1_Link_for_Additional_Information_22-23.pdf</a>

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

In CMR Technical Campus, the classrooms and computer labs are ICT enabled with projectors installed and the campus is enabled with high speed wifi connection. The faculty at CMRTC use various ICT enabled tools to enhance the quality of teaching-

## learning like

- Virtual labs are used to conduct labs through simulations.
- Classrooms and Laboratories are equipped with projectors, LCD Screens and Speakers.
- The PPTs are enabled with animations and simulations to improve the effectiveness of the teaching- learning process.
- The online learning environments are designed to train students in open problem-solving activity.
- Video lectures are recorded using Google and upload in appropriate platforms for students to use as extra learning resources.
- Seminar halls and One Auditorium is digitally equipped with mike, projector, cameras and computer system.
- Online Coding Platform, Spoken tutorials & various inter Group college competition are conducted to assess the learning ability of the students.
- To teach mathematical subjects in online mode, teachers have used various online tools like- whiteboard in Microsoft teams, Jamboard in Google meet, etc.
- MOOC Platforms are available to cater the needs of the students.
- In Library, online e- resources are made available for local and remote access.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

240



File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

247

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

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

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

55

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

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

#### 2.4.3.1 - Total experience of full-time teachers

2297

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

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

The institute prepares an Academic Calendar in line with university calendar prior to the commencement of the academic year in consultation with the Heads of the Departments. Then the Institute organizes orientation programs to the students to make them acquainted with the rules and regulations, examinations, evaluation process, Extra-curricular activities etc. Similarly every department organizes a semester orientation program with parents in the first week after starting a new semester.

At the beginning of the semester the question bank is given to the exam section, consisting of Long Answer Questions (LAQ) and Short Answer Question (SAQ), out of which 10% of questions will appearing the Mid-Term Exam. The questions for the exam are selected from the Question bank by the exam section and thus the question paper is prepared a day before the commencement of Exam, maintaining the confidentiality.

After every Mid-Term examination, the corrected answer scripts are distributed to students to know their performance and the same is discussed in the class rooms. All the subjects wise Marks are displayed in the notice boards and in the website. Before uploading the marks, the consolidated mark sheet is circulated among students for their clarifications if any.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://cmrtc.ac.in/2022-23/2.5.1 Link for Additional Information 22-23.pdf">https://cmrtc.ac.in/2022-23/2.5.1 Link fo r Additional Information 22-23.pdf</a>

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

CMRTC has the redressal mechanism for grievances regarding examination marks. The redressal committee consists of The Director, HoD, and In-charge of Examination. Students can apply for any issues in the evaluation of their answer scripts.

#### Continuous Internal Evaluation:

The teacher distributes evaluated answer scripts to students, and any clarifications or grievances are addressed by the teacher. The internal marks are then displayed on notice board. If any discrepancy is noticed, the concerned teacher will resolve the discrepancy, and the necessary corrections will be made within 2-3 working days.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://cmrtc.ac.in/exam-section/evaluation-process/">https://cmrtc.ac.in/exam-section/evaluation-process/</a>

## 2.6 - Student Performance and Learning Outcomes

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

The Vision, Mission and PEOs are published and disseminated at:

- College website:

[www.cmrtc.ac.in](http://www.cmrtc.ac.in)

- Department website:
- HOD's chamber
- Department corridors
- Department notice boards
- Department Library
- Curriculum and syllabus copies

Mainly, the Vision and Mission statements along with the PEOs, PSO, POs are disseminated to all the stakeholders of the program, by the following means:

- Academic Council Meetings

- Department Advisory Board meetings
- Faculty meetings
- Parent-Teacher Meetings
- Alumni meetings
- Orientation Programme
- Student workshops /Club activities
- Industry expert interactions
- Professional activity meetings

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://cmrtc.ac.in/2022-23/2.6.1 Link for Additional Information 22-23..pdf">https://cmrtc.ac.in/2022-23/2.6.1 Link for Additional Information 22-23..pdf</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

Assessments of course outcomes are the key aspects in the Outcome-Based Education (OBE). Department of ECE has clearly stated learning outcomes of the program and integrated it with the department vision and mission. The learning outcomes are dispersed through scientifically planned syllabus designed by senior faculty, subject experts, Industry persons and approval from the Board of Studies (BOS). The department follows well-structured teaching learning methodologies and assessment measures to adhere with the COs and POs. The learning outcomes are critically evaluated by the Course Coordinators and are checked with the target value.

In the OBE system assessment is done through one or more processes. Assessment is carried out by the department using Direct and Indirect Assessment tools.

In the Direct Assessment tool method students' knowledge and skills are measured from their performance in the Continuous internal evaluation, End semester examinations, Seminars, Comprehensive Viva -Voce, Laboratory Examinations, Mini and Main Project evaluation etc....This method provides strong evidence of students learning.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://cmrtc.ac.in/2022-23/2.6.2_Link_for_Additional_Info_22-23.pdf">https://cmrtc.ac.in/2022-23/2.6.2_Link_for_Additional_Info_22-23.pdf</a>

### 2.6.3 - Pass percentage of Students during the year

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

794

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
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://cmrtc.ac.in/wp-content/uploads/2024/05/SSS\\_22-23.pdf](https://cmrtc.ac.in/wp-content/uploads/2024/05/SSS_22-23.pdf)

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Resource Mobilization for Research

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

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

38.04

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

### 3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

#### 3.1.2.1 - Number of teachers recognized as research guides

12

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

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

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

6

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://cmrtc.ac.in/research/grants/">https://cmrtc.ac.in/research/grants/</a>

### 3.2 - Innovation Ecosystem

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

Institute established with a well-balanced eco-system for promoting the innovations by encouraging the student talent under the guidance of well qualified and experienced faculty supported by excellent infrastructure facilities such as center of excellences in cutting edge technologies

R&D Cell of the institute, funds mentors to nurture ideas to start-ups and entrepreneurs. The Innovation policy and guidelines includes the complete information related to the support extended by institution related to publications, skill development, IPR, seed funding, filing designs, copy rights, projects, consultancy and etc. College recognized as host institution for setting up Business incubator by MSME, have an MOU for EDC. To strengthening R&D, Institute established centre of excellences like Data Analytics, Robotics, 3D printing, Nano Technology etc.

As a result of such eco-system, students co-work with the faculty in design and development of systems and innovations. 270 student's teams were selected and participated in National Level Hackathon, students were published 52 papers in peer reviewed journals, 100 plus research publications published by faculty in SCOPUS/SCI/WOS journals which are supported by the institute. Apart from these institute is supported in filing 10 patents and 8 design patents during this year along with 3 Funded Projects worth of more than 38 L.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://cmrtc.ac.in/research/research-phd-supervisors/">https://cmrtc.ac.in/research/research-phd-supervisors/</a>

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

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

60

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

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

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

12

File Description	Documents
URL to the research page on HEI website	<a href="https://cmrtc.ac.in/research/research-phd-supervisors/">https://cmrtc.ac.in/research/research-phd-supervisors/</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

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

149

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

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

##### 3.3.3.1 - Total number of books and chapters in edited volumes/books published and



**papers in national/ international conference proceedings year wise during year**

103

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

**3.4 - Extension Activities**

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

NSS & NCC Unit of Institute, UBA and BEET organizes every year the orientation program for 1 year to inculcate the importance of community service to sensitize and motivate them to enrol for the said programs and various clubs to address social issues and holistic development. At regular intervals organizes and motivate the volunteers to participate in various extension activities with a objective of not only sensitizing students about social issues but also contribute to community in terms of projects and strengthen the community by participation like awareness programs, health camp

NSS unit take part in initiatives like organizing Swab donation, Adopted Schools to enhance the learning abilities & providing educational resources, Regular Health Camps in adopted villages and in the campus. Swacha Bharat initiatives, inculcating green campus by plantation as well as clean campus by removing debris and mobilizing towards converting organic manure from waste disposal. Blood donation camps, Awareness programs on Suicides prevention, Anti-drug, lake protection rallies were organized

Institution organized International yoga day, NSS Formation Day, Women's day etc. As part of days of importance, like the birth anniversaries of Dr B.R. Ambedkar Jayanthi, Gandhi etc., the national festivals like Independence & Republic day Celebrated.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/quick-links/national-service-scheme-nss/nss-regular-activities/">https://cmrtc.ac.in/quick-links/national-service-scheme-nss/nss-regular-activities/</a>
Upload any additional information	<a href="#">View File</a>

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

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

75

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

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

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

9

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

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

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

429

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**3.5 - Collaboration**

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

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

27

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

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

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

4

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

CMRTC is located at Kandlakoya (Vil), Medchal (Mandal & Dist) in Hyderabad-Nizamabad-Nagpur highway, encompassing a sprawling area of 10 acres with a built-up area of about 33,539.60 sq. m. The college boasts a total of 61 classrooms equipped with LCD projectors, laptops/computers, and WiFi for the teaching-learning process. The central library is well-equipped with a Digital Library containing 20 computers for accessing e-learning resources. Additionally, the college features air-conditioned seminar halls with LCD projectors, computers with internet connectivity, and a public address system.

There is a 1,200-seating capacity auditorium with state-of-the-art facilities for conducting joint sessions for students. A total of 62 laboratories are well-equipped and meticulously maintained. The computer laboratories are furnished with licensed software as well as open-source software. In total, 1,721 computers are allocated for teaching and learning purposes which includes two computer centers with 100 capacity desktops each in the institution. The physical infrastructure includes classrooms, laboratories, seminar halls, departmental libraries, and central facilities such as the computer center and central library. All these facilities have been planned and constructed in accordance with AICTE norms.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://cmrtc.ac.in/2022-23/4.1.1_Link_for_Additional_Information_22-23.pdf">https://cmrtc.ac.in/2022-23/4.1.1_Link_for_Additional_Information_22-23.pdf</a>

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

The Department of Physical Education (DPE) at CMRTC is dedicated to imparting knowledge and fostering skills in various sports and games, elevating both students and faculty to higher levels of expertise. The institution is equipped with a range of indoor and outdoor facilities, supported by two qualified Physical Directors and additional staff.

Indoor sport complex Facilities:

- Three Wooden floor Badminton court
- Two Billiards Tables
- Three Table Tennis Tables
- Chess Boards
- Six Carom Boards

The gym is furnished with internationally standardized imported equipment, boasting:

- Two Treadmills
- Two Cycling Machines
- Two Cross Trainers
- Six Multi Station Gym
- One Cable Crossway
- Ten pairs of Dumbbells
- One Flat Bench

- Weight Rods different weight of Weight Plates
- One abdominal Bench

The institute offers a dedicated yoga room with a qualified trainer, aiming to enhance the mental well-being of students.

#### Outdoor sports Facilities:

The institute provides adequate facilities for outdoor sports, including cricket, hockey, football, and athletics. It features one basketball court, two volleyball courts, two kabaddi courts, a handball court, and a throw ball court.

The institute conduct various cultural activities like dance, singing, skit, elocution compptitions, battukamma celebration, traditional day under Akriti and lexus club.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://cmrtc.ac.in/2022-23/4.1.2_Link_for_Additional_Information_22-23.pdf">https://cmrtc.ac.in/2022-23/4.1.2_Link_for_Additional_Information_22-23.pdf</a>

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

67

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://cmrtc.ac.in/2022-23/4.1.3_Link_for_Additional_Information_22-23.pdf">https://cmrtc.ac.in/2022-23/4.1.3_Link_for_Additional_Information_22-23.pdf</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

##### 4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year

(INR in lakhs)

442.34

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

CMR Technical Campus established a spacious Central Library with an area of 968 Sq. m. in a pleasant environment. It started its functioning with a vision to serve the information needs of its users and to promote a continuous learning atmosphere with holding various Text Books, Reference Books, eBooks, Journals, Magazines, eJournals, Subject PPT's, Subject Animations, Project Reports, Tutorials and NPTEL Video Lessons related to engineering and allied subjects. The Central Library, the college's prime knowledge source, has an impressive collection of 33600+ volumes of 3600+ titles and 130+ plus National & International print Journals, 17 Magazines and 7 News papers to cater to the Engineering and Management streams. The library books can be easily accessed through the use of Online Public Access Catalogue (OPAC) and is fully automated with the Integrated Library Management Software "New genLib Commercial Release, Version - Helium 3.1.3".

The Digital Library is an added facility for the benefit of the students and faculty. Digital Library has 20 systems with internet connectivity to access the digital content like NPTEL Video Lectures, MIT Open Courseware, e-Books and Projects through "College Data Share" (Institutional Repository) software. User can access "College Data Share" within the campus by using the local IP and even can access anywhere by using the public IP.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://cmrtc.ac.in/infrastructure/library/">https://cmrtc.ac.in/infrastructure/library/</a>

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

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

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

**37.17**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

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

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

**463**



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

### 4.3 - IT Infrastructure

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

CMRTC constantly upgrades both software and hardware in accordance with prescribed norms and academic standards. The following are the strategies for deploying and upgrading IT infrastructure and associated facilities:

- The required count of computers is maintained as per prescribed norms. Total number of computer available for the current assessment year is 1420.
- Obsolete computers are replaced periodically.
- Software is purchased, and licenses are renewed as per syllabus requirements.
- Internet bandwidth connectivity is upgraded based on needs.
- Wi-Fi connectivity provided on the entire campus is upgraded periodically. Currently One GBPS of bandwidth internet speed provided in the institute through wired and wireless connectivity.
- IT-enabled accessories are purchased as per requirements
- Maintenance is carried out regularly.

#### Network Security:

CMRTC is follow necessary steps to ensure information security and protect against potential threats. The use of appropriate safety standards, limiting remote access to authentic users, and configuring firewall settings are important measures in safeguarding data. SOPHOS firewall is a recognized security solution, known for its capabilities in threat detection and prevention.

LAN facility: Both Ethernet and Wi-Fi LAN options are available across departments and office buildings, providing users with flexibility in accessing the network. The 1 Gbps dedicated Internet indicates a commitment to enhancing network speed and reliability.

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

#### 4.3.2 - Number of Computers

1721

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

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

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

#### 4.4 - Maintenance of Campus Infrastructure

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

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

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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

CMRTC follows well defined Standard Operating Procedures (SoP) for the utilization and maintenance of physical equipment of laboratories, Classrooms..etc. Some of the standard operational procedure named is as below.

- Maintenance and utilization of Computers
- General Maintenance
- Establishment and maintenance of labs SoP includes policies and procedures of record and maintenance.

.Records of all infrastructure including equipment, software, books and other items shall be maintained by all departments and sections of the institute.

This SOP shall provide definition of assets/piece of infrastructure which must be entered in the stock Register, the process of making entries in the stock Register, the coding of each item and marking of inventory numbers on pieces of infrastructure. The SOP shall also focus on depreciation, physical asset verification and its periodicity, transfer of assets from one to the other department, writing off of obsolete items and their disposal.

#### Upkeep and maintenance

All departments shall strictly follow the laid down procedures and guidelines of the institute with regard to cleanliness and preventive and corrective maintenance of infrastructure.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://cmrtc.ac.in/2022-23/4.4.2_Link_Page_for_Additional_Information_22-23.pdf">https://cmrtc.ac.in/2022-23/4.4.2_Link_Page_for_Additional_Information_22-23.pdf</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

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

997

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

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

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

107

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

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

**A. All of the above**

File Description	Documents
Link to Institutional website	<a href="https://cmrtc.ac.in/iic/iic-activities-2022-2023/">https://cmrtc.ac.in/iic/iic-activities-2022-2023/</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

370

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

370

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

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

**A. All of the above**

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

## 5.2 - Student Progression

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

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

370

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

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

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

34

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

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

government examinations)

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

60

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

### 5.3 - Student Participation and Activities

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

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

11

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

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

In CMRTC, Students are added as members of various administrative, Co-Curricular and Extracurricular activities of

the institution. The student's inputs were taken into count while taking the policy decisions. The institute put the continuous and constant attempt for the overall development of the students. The following are the committees were students are actively participate as body of the members

#### Clubs

Objective of Student Council is to demeanour activities and provide services involving students constructively in both co-curricular & extracurricular activities. The Student Activity Cell [SAC] of CMRTC consists of the following clubs which focus and facilitates for overall development of students. Each club is headed by a faculty advisor and constitutes President, Vice President, Secretary, Treasure and members of each class.

- Aakriti - The Cultural Club
- Lexis - The Literary Club
- Sahaya - The Helping Hand
- Innovative Club
- Robotics Club
- Film & Photography Club
- Sports Club
- National Service Scheme (NSS)
- NCC

Syllabus Review committee members

Members of Technical Fest and Events organizing Committee.

Members of Editorial board of News letter and Magazine.

Members of Anti ragging committee.

Members of extra and co-curriculum activities of the department

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/2022-23/5.3.2 Link for Additional Info 22-23.pdf">https://cmrtc.ac.in/2022-23/5.3.2 Link for Additional Info 22-23.pdf</a>
Upload any additional information	<a href="#">View File</a>

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



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

643

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

### 5.4 - Alumni Engagement

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

The CMRTC Alumni Association (CMRTCAA), a registered entity, aims to facilitate robust communication and foster a cordial relationship between alumni and students. An annual Alumni meet, held on the last Saturday of December, serves as a vital platform for reconnection and networking. The institution values alumni success as reflective of its own achievements and actively engages them as advisory members across professional bodies, providing guidance and mentorship to students.

Alumni contribute significantly to student development by raising awareness of employment opportunities, delivering guest lectures, and seminars, particularly to pre-final and final year students. They actively participate in social service initiatives through SAHAYA and NSS, enriching community engagement.

Utilizing their professional networks, alumni assist in organizing industrial visits and facilitate the signing of MoUs with their respective companies. Departmental meetings allow for tailored engagement, ensuring relevance to academic disciplines.

Alumni play a pivotal role in curriculum development, offering feedback on syllabi, and contributing to the formulation of

educational objectives and outcomes. Financial support, including book donations to the library, underscores their commitment to institutional advancement. Overall, CMRTCAA's proactive involvement underscores its dedication to enhancing student experiences and contributing positively to the broader community.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/t-p-cell/alumni/about-alumni/">https://cmrtc.ac.in/t-p-cell/alumni/about-alumni/</a>
Upload any additional information	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**      **B. 4 Lakhs - 5Lakhs**

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

## **GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 - Institutional Vision and Leadership**

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

#### **Nature of Governance:**

CMRTC Governing body is top decision-making entity, which schedules meeting twice in a year and taking critical important decisions with respect to budgetary allocation as well as academic improvements are taken and the same is passed on to the member secretary of governing body. Further the Director summons the Deans and HODs of various departments to prepare the strategies for implementation of the decisions taken in the governing body meeting.

#### **Participation of the teachers in the decision making Bodies:**

CMRTC believes teachers form the core group of decision implementation. Imperative teachers from all cadres are part of every committee formed in line with requirements of higher education regulatory bodies like AICTE, UGC, NBA, NAAC and affiliating university. The management has always welcomed the

views and suggestions expressed by the faculties in taking institution ahead.

The presence of the faculty can be found in all the following committees.

Academic Advisory Committee

Academic Audit Committee

Program assessment committee

Department Advisory committee

Staff Selection committee

Anti-Ragging& Disciplinary Committee

Grievance Redressal Committee

IQAC Committee

R & D Committee

Training & Placement Committee

Women Empowerment Cell ....etc.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/administration/organizational-structure/">https://cmrtc.ac.in/administration/organizational-structure/</a>
Upload any additional information	<a href="#">View File</a>

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

CMRTC demonstrates eminent leadership through decentralization and participatory management, ensuring the involvement of all stakeholders. The Director, supported by Deans, Department Heads, Controller of Examinations, Librarian, Training and Placement Officer, and Administrative Officer, spearheads this approach.

Decentralization is actively pursued in alignment with inter-departmental responsibilities. This philosophy permeates all academic and administrative activities, with key personnel such as the Director, Council of Deans, Controller of Examinations, Administrative Officer, and Department Heads assuming responsibility for various functional areas, including the Purchase Committee.

Best practices are implemented under the shadow of decentralization and participative management. Roles at the institution level, including those of the Chairman, Principal, Deans, Controller, Administrative Officer, Department Heads, and Training and Placement Officer, are clearly defined, fostering effective decision-making and collaboration.

The Purchase Committee serves as a case study of decentralization in action. Organizational heads, including management, the Director, Deans, Controller of Examinations, Department Heads, and Administrative Officer, collaboratively focus on enhancing the institution through modern facilities and practices, such as digital classrooms and advanced laboratories.

Flexibility within the Purchase Committee ensures qualitative and quantitative outcomes, illustrating the efficacy of decentralization in achieving institutional goals. This approach allows for effective procurement of materials, benefiting students across wider spectrum.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/quick-links/committees/purchase-committee/">https://cmrtc.ac.in/quick-links/committees/purchase-committee/</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

CMR Technical campus has shown tremendous growth over the past 14 years. The strategic plan of CMRTC is formulated with Academics, Research and Infrastructure as key criteria. The strategic Plans includes

- Updating the curriculum as per industry.

- Updating the curriculum as per industry needs for better placement of students, encouraging student participation in add-on courses and skill development programs.
- Efficient and effective teaching learning process.
- Continuous growth in research and development
- Students over all development through continuous participation
- Financial planning and Management
- Students placements and encouraging to become an entrepreneur
- Alumni interaction and outreach activities
- Signing MoU with industry for training and Internship for the students.
- Constant Internal Quality Assurance System
- Making its recent Rankings debut all the more special, CMR TECHNICAL CAMPUS has attained Rank 151-300 in the coveted NIRF India Rankings 2023.
- Improvements in project grants

Once the planning has been done, the same is implemented and monitored by concern authorities like BoG, Principal, HoDs and in charges of various committees.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://cmrtc.ac.in/administration/strategic-plan/">https://cmrtc.ac.in/administration/strategic-plan/</a>
Upload any additional information	<a href="#">View File</a>

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

The administrative structure, guidelines and procedures are explained in the organogram of the institute. It is provided on the college website. The Governing Council (GC) is the

Institute's highest body, comprises of management representatives. The following are the Institute's various decision-making bodies, each with its own functional area.

**Governing Body:** The members of the body take major decisions like consideration and approval of strategic plans to accomplish the goals set by the institution.

**Academic council:** The policies are further implemented by the heads of the departments and faculty for the efficient functioning of the institution.

**Board of Studies:** Every department of the institution has a board of studies and conduct meetings two years once to review the syllabus.

**Finance Committee:** The finance committee examines accounts, expenditures, proposals that require new expenditures and submits to the Board of Governors for approval of the governing body.

The institute has displayed an organogram with the set roles and responsibilities. Organisational chart shows the delegation of power at various levels at various administrative positions such as principal, controller of examinations, finance officers, department heads.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/administration/organizational-structure/">https://cmrtc.ac.in/administration/organizational-structure/</a>
Link to Organogram of the institution webpage	<a href="https://cmrtc.ac.in/wp-content/uploads/2020/05/orgmanual_cmrtc.pdf">https://cmrtc.ac.in/wp-content/uploads/2020/05/orgmanual_cmrtc.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination**

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

CMRTC initiatives towards the welfare of its teaching and nonteaching staff include the following:

- Training in the use of computers for non teaching staff to motivate them to undertake selfdevelopment.
- Facilitation of faculty participation in programmes for professional development, organized by the institute and also other agencies, through grant of leave and providing financial incentives.
- Financial incentives and on duty leave for faculty who are engaged in research related works.
- Organization of sports and cultural activities in which all staff can participate.
- Subsidized transport for non teaching staff and faculty.
- Gifts to the staff members on occasion of Marriage, house warming ceremony, children marriage.
- Free-ships for the children of staff members.
- Maternity leave for female staff members.
- Financial assistance for higher studies. Employees Provident Fund to the eligible staff members. Canteen facilities for students and staff.
- Free medical treatment to teaching ,Non teaching and administrative staff in CMR hospital Uniform for Class-IV and Security Employees.
- Organizing Health Awareness programmes.
- ATM facility is provided in the Campus.
- Free medical Treatment for the CMR faculty ,students and Their parents.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/wp-content/uploads/2021/01/Reimbursement-Reward-Policy_CMRTC-2021.pdf">https://cmrtc.ac.in/wp-content/uploads/2021/01/Reimbursement-Reward-Policy_CMRTC-2021.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

50

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

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

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

7



File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<a href="#">View File</a>
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

**6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**

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

**134**

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

CMRTC adheres to API system introduced by UGC/AICTE/ JNTUH for assessment of its faculty members. However, for the non teaching staff affiliating university guidelines are followed.

The faculty members are advised to download the Self Appraisal form, as available in the public domain at the institute website at their convenience. This facilitates the individual to plan their activities well in advance. Once the window for uploading the self appraisal is open, the faculty are directed to submit the completed appraisal form. Generally the appraisal is considered for academic year starting from June to May. The appraisal is typically classified in three broad categories 1) Teaching, Learning and Evaluation Related activities 2) Research and Academic Contributions 3) Co- Curricular and Professional Development Related Activities. These covers the details of teaching, pass percentage, research, books and papers published, conferences, seminars, workshops, training programmes and academic administration carried out during the academic year. In addition to the annual appraisal, at the end of each semester, the feedback is collected from the students about their concerned faculty, which evaluates the teaching methodology, creativity and level of understanding. The submitted self-appraisal forms are consolidated with student feedback. HOD remarks will also be considered for evaluation process.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/wp-content/uploads/2022/08/self-appraisal-form.pdf">https://cmrtc.ac.in/wp-content/uploads/2022/08/self-appraisal-form.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### **6.4 - Financial Management and Resource Mobilization**

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

CMR Technical Campus conducts both internal and external audits.

Internal Auditing Process: Finance Committee chaired by Director of CMRTC, forms an Internal Audit Committee (IAC) once in 6 months to conduct internal audit. It performs two types of audit.

1. Transaction Audit where IAC examines the vouchers to know whether cash receipts and expenses are as per the

cashbook?

2. Compliance Audit where IAC examines whether the amount is sanctioned by competent authority?

After auditing, IAC submits a report to the Finance Committee for necessary action.

**External Auditing Process:** A Chartered Accountant firm that is approved by the Board of Management carries out external audit annually to know;

- Whether strong internal systems are in place for the processes related to approvals, payments, monitoring the expenditure ...etc
- Whether expenditure has been incurred as per the framed guidelines and by the approval of competent authorities
- Whether funds have been utilized for the purposes for which they were meant

#### Mechanism for Setting Internal and External Audit Objections

Objections raised during internal audit are rectified and preventive measures are taken immediately whereas objections raised in external auditing are reported to Finance Committee which shall in turn recommend suitable actions.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/wp-content/uploads/2022/10/Audit-Financial-Statements-for-the-Assesment-Year-22-23.pdf">https://cmrtc.ac.in/wp-content/uploads/2022/10/Audit-Financial-Statements-for-the-Assesment-Year-22-23.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

27.55

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

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

##### **Institutional Strategies for Mobilization of Funds include;**

- Tuition fee from students,
- Transportation fee,
- Hostel fee,
- Interest earnings on the fixed deposits of the Institution,
- Revenue realized by conducting seminars, workshops, conferences etc,
- Conducting Online and Offline exams of government or non-government agencies etc,
- Donations from philanthropists,
- Contribution of Alumni,
- Research and Consultancy works of staff,
- Infrastructure outsourcing for Cinema Shootings etc.

##### **Institutional Strategies for Optimal Utilization of Resources include;**

- At the beginning of every year, Finance Committee prepares the budget of the institution after consulting each department.
- Utmost care is taken to sanction the money within budgetary provisions and utilized only for the purposes for which it is released.
- If there is any deviation between the budgeted and actual amount, the reason for such a variance is discussed with respective in-charge of cost controlling unit and corrective measures are suggested.
- To ensure cost effective purchases, all purchases are routed through centralized purchase department.
- In the case of all research grants received, a separate

ledger account is opened for each project to facilitate close monitoring and utilization of funds.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/wp-content/uploads/2022/10/Audit-Financial-Statements-for-the-Assesment-Year-22-23.pdf">https://cmrtc.ac.in/wp-content/uploads/2022/10/Audit-Financial-Statements-for-the-Assesment-Year-22-23.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

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

**Best Practice - 1: Association hours to engineering students with experts from industry and academic institutions**

Association hours connecting engineering students with industry and academic experts are essential for their education. These sessions transfer practical knowledge, inspire career paths, and offer valuable mentorship and networking opportunities. Industry professionals share the latest advancements, motivating students towards research careers. Moreover, these interactions foster mentorship, aiding students in navigating their academic and career paths. Building connections through these sessions can lead to internships and job opportunities, enhancing students' prospects.

**Best Practices-II NSS activities in enhancing the skills, leadership qualities, and overall personality of students**

NSS activities are pivotal for students' holistic development. Engaging in community projects exposes them to diverse backgrounds, fostering empathy and cultural awareness. Clear objectives, structured projects, and regular evaluation are crucial. Collaborating with local NGOs enhances impact. Guidance from experienced coordinators is vital. These best practices nurture skills, leadership, and overall personality. By immersing in hands-on experiences and diverse communities, students become socially responsible leaders.

File Description	Documents
Paste link for additional information	<a href="https://cmrtc.ac.in/igac">https://cmrtc.ac.in/igac</a>
Upload any additional information	<a href="#">View File</a>

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

The IQAC constantly reviews and takes steps to enhance the quality of the teaching-learning process. The Institute prepares and displays the Academic Calendar in advance, which includes admission to various programs, summer, winter, and mid-term vacations, examination schedules, and result declarations. All newly enrolled students have to compulsorily attend the Orientation Programme, which familiarizes them with the philosophy, the unique education system, the teaching-learning process, the system of continuous evaluation, compulsory core courses, various co-curricular activities, discipline, and culture of the Institute. The campus and its facilities are also shown to the students during a guided tour. Additionally, all students are provided with an information booklet that contains all relevant details for students, including the Time-Table, Program structure, and syllabi of the courses before the semester starts.

Every day the Dean of academics, HODs, and mentors monitor the attendance and conduct of classes. To ensure smooth functioning of classes, the HOD and the coordinators make random visits. Class Incharge stake feedback from students, and appropriate steps are taken to enhance the teaching-learning process. Feedback is carefully analyzed and shared with the Director, Deans, HODs, and faculty members. The IQAC recommendations are used to review the teaching-learning processes and to implement improvement.

File Description	Documents
Paste link for additional information	<a href="http://www.cmrtc.ac.in/igac">www.cmrtc.ac.in/igac</a>
Upload any additional information	<a href="#">View File</a>

6.5.3 - Quality assurance initiatives of the

A. All of the above

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

File Description	Documents
Paste web link of Annual reports of Institution	<a href="http://www.cmrtc.ac.ic/igac">www.cmrtc.ac.ic/igac</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## **INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1 - Institutional Values and Social Responsibilities**

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

**CMR Technical Campus Shows gender sensitivity through various initiatives and actions for creating safe, Secure and healthy atmosphere in the campus. Sensitization of the students is done through special lectures and functions.**

**Safety and security:Campus equipped with high resolution cameras through day and night facility of distributed recording in control room has been set up in the campus; entry of unwanted element is monitored through these cameras. .**

**Hostel: Separate hostels for boys and girl students exist. Girls hostel is located within the campus and boys hostel outside the campus. Behavior of students is monitored under set of well-defined rule under the guidance of wardens.**

**Medical Facility: 150 bedded capacities CMR Hospital is located adjacent to CMR Technical Campus provide medical support to the**

students and staff. Emergency helpline numbers are provided and ambulance service is provided for 24 hours to meet any emergency needs.. Counseling:CMRTC has a system of mentoring in each department for inculcating social, Moral and ethical values.

Women empowerment cell also create gender awareness through different program. Rest Room:In each block of the CMRTC separate washroom are available for girls and boys with proper ventilation in the washroom

File Description	Documents
Annual gender sensitization action plan	<a href="https://cmrtc.ac.in/wp-content/uploads/2024/05/Women-safety-and-Secuty-Initiatives-2022-23.pdf">https://cmrtc.ac.in/wp-content/uploads/2024/05/Women-safety-and-Secuty-Initiatives-2022-23.pdf</a>
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://cmrtc.ac.in/wp-content/uploads/2024/05/Women-safety-and-Secuty-Initiatives-2022-23.pdf">https://cmrtc.ac.in/wp-content/uploads/2024/05/Women-safety-and-Secuty-Initiatives-2022-23.pdf</a>

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

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

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

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

CMRTC practices best possible ways of managing the solid, liquid and E-Waste by performing several activities to manage waste from its inception to its final disposal. The various measures adopted in the institute are as follows:



**Solid waste management** The solid waste can be categorised as Degradable (Dust, leaves, twigs, paper) Non-degradable (Plastic, glass, bottles, food wrappers etc) The process of waste management proceeds in the form of collection treatment-disposal. All forms of solid waste are collected by designated personals from the bins placed at different locations of the campus. The collected waste is fed into the solid waste treatment plant, where the entire waste is burned at around 900oC to form ash. The produced ash is used as fertilizer for farming. **Liquid waste management:** The volume of liquid waste generated at CMRTC is managed with help of sewage treatment plant (STP) located in the campus.

**E-waste management:** The institute has tie up with vendor/suppliers of electronic items to buy back and upgrade as possible. The remaining e-waste is disposed through a certified vendor on periodical basis. **Hazardous chemicals and radioactive waste management:** Chemical waste comes out from the laboratory is stored and processed by external agency

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

<b>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</b>	<b>A. Any 4 or all of the above</b>
--	-------------------------------------

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

<b>7.1.5 - Green campus initiatives include</b>	
<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b>	<b>A. Any 4 or All of the above</b>

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

File Description	Documents
Geo tagged photos / videos of the facilities	No File Uploaded
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

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

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

**7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for**

**B. Any 3 of the above**

persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	<a href="#">View File</a>

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

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

The institution organizes Traditional festival. NSS and Akrithi club of our college participate in various programmes related to various cultural festivals of all the religions. CMRTC organizes the various activities under various club to create awareness among the students about cultural, regional, linguistic, communal socioeconomic and other diversities. .

- Traditional Day- Celebration of all religion festival .
- Annual Day .
- Bathukamma is a colorful and vibrant festival of Telangana, celebrated by women, as a symbol of

## Telangana's cultural identity

- Lexis club organizes - literary activities

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

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

Institute undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens. Every Year On 26th Nov, Constitution day was celebrated at institution by inviting the emanate speakers on constitution of India. The institution has introduced a mandatory course on the Constitution of India at B.Tech level across all engineering disciplines to create awareness and sensitizing the students and employees to constitution obligation. A voter's day awareness programme is organized 24th Jan Every year. Every year Republic day is celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Similarly constitution day also would be celebrated on 26th Nov every year. Independence day is also celebrated every year to highlight struggle of freedom and importance of Indian constitution. Some Other programs organized in calendar year • Voter Awareness Program-Importance of vote • Environmental awareness program • Health awareness program Vigilance Awareness Week Harithaharam-Tree plantation • Blood donation camp

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://cmrtc.ac.in/quick-links/national-service-scheme-nss/nss-regular-activities/">https://cmrtc.ac.in/quick-links/national-service-scheme-nss/nss-regular-activities/</a>
Any other relevant information	<a href="https://cmrtc.ac.in/quick-links/national-service-scheme-nss/nss-regular-activities/">https://cmrtc.ac.in/quick-links/national-service-scheme-nss/nss-regular-activities/</a>

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

A. All of the above

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

The following days of importance are celebrated at CMRTC:  
**Independence Day & Republic Day:** On these days, the national heroes are remembered and their sacrifices are highlighted. Various awards are distributed to the students who excelled in sports and social services. National Youth Day (January 12th) As part of that, delegates from Rama Krishna math deliver seminars on role of youth in building nation. National Science Day (February 28th) National science day is celebrated on every year on 28th February in memory of Dr. C.V. Raman's invention of Raman Effect. Poster presentations and quiz competitions are conducted and achievers are honored with certificates. Teachers Day (September 5th) Usually the students initiate the process of celebration in our campus by honouring the teacher and making their day special. Engineer's day (September 15th) On this day the departments organize technical competitions like project expo, essay writing, poster presentation, etc. Distinguished guests are invited to address the students and

faculty to inspire the community to excel as engineers following the path of the great personality. Education Day (November 11th) TNational education Day on 11th November to commemorate the birth anniversary of Maulana Abul Kalam Azad the first education minister of Independent India.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

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

### Best Practice I:

**The Practice: Increased employability of students through skill development programs.**

College Placements attracts the sight of peers and students particularly in professional programs, our placement cell established with the primary objective of ensuring that students are well prepared for the job market and have access to employment opportunities in their respective fields of study. Trainings on specific technologies are provided by a dedicated team under an initiative of building skills employability. These trainings are curated as per latest trends in industry. The soft skills team works upon the students to enhance their soft skills.

### Best Practice II:

**Mentoring System opens the gates of Success & Wisdom**

Mentoring System at CMRTC is an exclusive program that works on the principle of assisting and empowering the mentee with the approach of Friend-Philosopher-Guide. This system involves teaching faculty members who act as mentors of students, and

attempt to cater to their emotional, intellectual needs and guide them excel in their career at regular interval of time. The students will be greatly benefited by continuous expert guidance through Mentoring System. Each faculty will be the mentor of a group of 15 to 20 students.

File Description	Documents
Best practices in the Institutional website	<a href="https://cmrtc.ac.in/igac/best-practices">https://cmrtc.ac.in/igac/best-practices</a>
Any other relevant information	<a href="https://cmrtc.ac.in/igac/best-practices">https://cmrtc.ac.in/igac/best-practices</a>

### 7.3 - Institutional Distinctiveness

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

**Vision** The Vision of the Institute focuses on four aspects essentially: Global Standards, Value-based Education, Interdisciplinary Research, and Sustainable Development.

**Academics Excellence** Quality of academic excellence can provide a value-added experience for the students. The positive outcomes are achieved by designing the curriculum to meet the global requirements and through teaching learning methods.

**Exploration of Knowledge through Research.** The Institute's determination to be transformed into a centre for major research is so, a commitment to offering high-quality teaching through: Research-Based Learning Teaching Research Education Activities ·Innovation Entrepreneurship Development Priority

College gives priority to promoting education for poor students and girl's students of rural background. The rural background students can't effort their education in urban colleges. Our college provides academic as well as encourage them to participate in extracurricularactivities (NSS, NCC and sports) also. Thrust Fortunately, the college has well-qualified faculty members in different departments. They have taken their degrees from the reputed institutes from different part of the country. Therefore, students from rural background are very much benefited from our faculty teaching-learning activities. This is the thrust area that makes us distinctive in the performance of the institution.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

- Establishing the Incubation centre for encouraging startup culture
- Initiative towards the students and faculty exchange with reputed institution.
- Improvement in number of quality publication and Patents Enhancement in Number Research Grants and Consultancy work.
- To obtain better rank in NIRF Improvement in Industry Institute Interaction by connecting institute with industry.
- Collaboration with foreign university