



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	CMR Institute of Technology
• Name of the Head of the institution	Dr.Sanjay Jain
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08028524631
• Mobile no	9845172755
• Registered e-mail	principal@cmrit.ac.in
• Alternate e-mail	info@cmrit.ac.in
• Address	#132,IT Park Road, Kundanahalli
• City/Town	Bangalore
• State/UT	Karnataka
• Pin Code	560037
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban
• Financial Status	UGC 2f and 12(B)

• Name of the Affiliating University	Visvesvaraya Technological University				
• Name of the IQAC Coordinator	Dr.Swathi Y				
• Phone No.	9900759571				
• Alternate phone No.	08028524466				
• Mobile	9900759571				
• IQAC e-mail address	iqac@cmrit.ac.in				
• Alternate Email address	swathi.y@cmrit.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://drive.google.com/file/d/1lpWDSR14ezlKTuXl7ILZPEVs26B2_uFz/view?usp=sharing				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://drive.google.com/file/d/1lpWDSR14ezlKTuXl7ILZPEVs26B2_uFz/view?usp=sharing				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A+	3.57	2017	30/03/2017	30/03/2022
6.Date of Establishment of IQAC			17/11/2016		
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
Faculty	Unnat Bharat Abhiyan (UBA), Government of India	UBA	2020	88000
Faculty	VTU TEQIP	Visvesvaraya Technological university	2020	127500
Faculty	DST Water technology initiative (WTI)	Government of India	2020	2052000
Faculty	GOC	AICTE	2020	166667
Faculty	Government of India	AICTE/ MHRD IIC	2020	150000
Faculty	STTP	AICTE	2020	306625

8. Whether composition of IQAC as per latest NAAC guidelines	Yes		
<ul style="list-style-type: none"> • Upload latest notification of formation of IQAC 	View File		
9.No. of IQAC meetings held during the year	9		
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes		
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded		
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No		

• If yes, mention the amount	
11. Significant contributions made by IQAC during the current year (maximum five bullets)	
Conducted various Quality enhancement programmes to students and teachers. Created a new process called Touch Your Toes (TYT) for teaching learning and monitoring across the departments. Created COPO attainment and gap analysis template and every faculty computes attainment and measures gaps if any for their subject after the results. Created an additional calendar called as IQAC calendar which captures events related only to staff members but not directly related to students.	
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
Quality enhancement programmes to students and teachers.	Conducted for all the departments
Conduct IQAC Internal Academic Audit for all the departments and committees	Conducted twice in a semester
Introduced new teaching learning process (TYT) to promote the higher order learning	Monitored various reviews at the department level, identified best practices and gaps
13. Whether the AQAR was placed before statutory body?	No
• Name of the statutory body	
Name	Date of meeting(s)
Nil	Nil
14. Whether institutional data submitted to AISHE	
Year	Date of Submission
2022	05/02/2022
Extended Profile	
1. Programme	

1.1	791
Number of courses offered by the institution across all programs during the year	
File Description	Documents
Data Template	View File
2.Student	
2.1	4201
Number of students during the year	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2	96
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	No File Uploaded
2.3	1019
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	No File Uploaded
3.Academic	
3.1	292
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	300
Number of sanctioned posts during the year	

File Description	Documents
Data Template	No File Uploaded

4.Institution	
4.1 Total number of Classrooms and Seminar halls	74
4.2 Total expenditure excluding salary during the year (INR in lakhs)	70056873
4.3 Total number of computers on campus for academic purposes	423

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

Being an affiliated institution, CMR Institute of Technology (CMRIT) adopts the curriculum designed by Visvesvaraya Technological University (VTU) Belagavi, Karnataka

For effective delivery of the curriculum, the following process is developed and deployed.

At the outset, Academic calendar provided by the University is taken as the base for making curriculum delivery plan. The academic calendar provides the date of commencement of the academic session, the duration of the semester, practical exam schedule, final semester examinations etc. The University also declares the list of general and optional holidays to affiliated colleges. A well-structured academic calendar in-line with the VTU academic calendar is prepared by the IQAC (Internal Quality Assurance Cell) with the due approval of the head of the institution. An action plan for conducting co-curricular and extra-curricular activities to enrich the curriculum will also be included in the detailed academic calendar. The Head of the Department allocates the courses to the faculty members as per their expertise and option. Class wise and Course wise time tables will be prepared for effective planning and

delivery of courses.

Students and Parents are made aware of commencement of semester through common notice, Email, WhatsApp and SMS through an in-house ERP system. An integrated Faculty and student management information system covering the complete information of the entire academic related activities of the faculties and students are placed & monitored through ERP. Faculty updates day wise lecture activity in ERP to keep track of the progression of the curriculum effectively.

Effective Teaching and Learning Process Touch Your TOES (TYT) was implemented consisting of the following four levels with the following objectives:

- To promote higher forms of Thinking.
- To achieve the expected learning Outcomes, and
- To create a positive learning Experience for Students

Five Steps Process for Effective Teaching Learning

1. Expectation

a. Content for setting expectation

b. Delivery of expectation set

2. Teaching Content

a. Development of teaching content

b. Execution/ Delivery of teaching content

3. Evaluation

a. Evaluation content preparation

b. Evaluation Execution

4. Retrospective

5. IQAC Action

Types of Review

- Knowledge Review (K Review)

learning outcomes and higher form thinking

- Process Review (P Review)

learning experience with blended learning, flip classroom, and virtual labs

- HoD Review (H Review)

with K and P reviewers for each step, after completion of all K and P reviews for all batches.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

Before the commencement of the academic year, the Institution prepares and publishes 'Academic calendar' containing the relevant information regarding the teaching learning schedule (working days), various events to be organized, holidays, Schedule of co-curricular activities, Schedule of extra-curricular activities, Tentative period of various feedback collection, dates of internal examination, semester examination etc. The academic calendar of the Institution reflects various curricular activities planned during a semester which is based on the University calendar. This takes care of curriculum plan along with activities like internship, industrial visits, community activities by Cells and Clubs, besides Continuous Internal Evaluation (CIE) strategies like tests, assignments, quiz, presentations etc.

The finalized academic calendar is displayed on the notice boards of the departments and also communicated to students and faculty. Based on the academic calendar, all the faculty members prepare lesson plans, topics to be handled, and ensure unit wise completion as per internal exam dates.

For the implementation of Internal Assessment Process, Examination committee is formed at the college level which monitor overall internal assessment process. Examination Cell convener issues a

circular to the Internal Assessment (IA) Coordinator of the department to prepare the IA timetable in advance to the IA test as per the scheduled dates in Calendar of Events (COE) and the same is notified and circulated to students and staffs. Common date and time are followed for the courses common like open elective to all branches

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

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

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

11

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

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

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

61

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

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

5595

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

The issues of importance like Gender inequality, Environmental sustainability, Human Values and Professional Ethics etc., find an ample space when it comes to applying them positively into the curriculum. We believe in maintaining healthy environment for our students and staff. CMRIT has always been dedicated to sensitizing students to socially, professionally, and ethically relevant issues

for their holistic development.

Institution lays emphasis on all round development of the students by Integrating Professional Ethics, Gender, Human Values, Environment and Sustainability, Energy Conservation, Mental health , Women Empowerment, Health awareness into the Curriculum and organizing several activities involving students, faculties and staff enabling them to internalize these noble qualities

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

122

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

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

1084

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://drive.google.com/drive/folders/1AnwIxmZK5CXDGRlyNyOuRBPquYg0Y2xp?usp=sharing
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	No File Uploaded

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	No File Uploaded
URL for feedback report	https://drive.google.com/drive/folders/1gLVIDWhjYea4VJsh2eut09kyDh-OTGOU?usp=sharing

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

983

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

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

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

983

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

Slow learners are identified based on the internal performance and previous semester performance.

1. These set of students are identified and mentored to understand the issues faced by them. They are tracked of their progress in attendance and internal test. Intensive Coaching program (ICP) is organized and scheduled by the ICP coordinator.
 2. The ICP class hours are scheduled in such a way that they do not affect the regular class schedule or calendar of events.
 3. ICP classes are conducted by the CIs as per the allotted schedule.
 4. ICP class structure is as follows:
 - The syllabus covered until the IAT is revisited with more attention given to the difficult topics.
1. Handouts are prepared and given to the students as a supplement to the study materials.
 2. Individual attention is given to each student to clarify the

doubts.

- It is ensured that all the students are able to answer/solve independently.
- One or more follow up sessions are scheduled during which an improvement test is conducted on the same syllabus as that of IAT. Students are also encouraged to participate in group discussions and self-study.

g. The improvement test conducted is evaluated and the marks obtained by the students are compared against their respective IAT scores.

h. The CIs work with class teachers and mentors to periodically inform the parents of the progress of these students. In addition to the above, Remedial classes are conducted for year-back students who were detained due to failure to clear semester exams.

i. Crash course is conducted after IAT-2 to prepare students for the exam. This comprises exclusive time table, rigorous training and evaluation.

Advanced Learners:

Advanced learners are identified through their performance in internal tests, interaction in class room and laboratory, their fundamental knowledge, concept understanding and articulation abilities etc. in each semester. The students who are identified as eager to learn are encouraged in various ways to hone their technical and soft skills. These include the following:

1. Participate in workshops and seminars to gain knowledge on the latest developments in the industry.
2. Take up industry based projects and mini projects in the advanced topics under the guidance of the faculty members in centres of excellence (COEs).
3. Take up research based projects and mini projects in the advanced topics under the guidance of the faculty members.
4. Get trained by faculty members who are rank holders themselves, focusing on exam preparation and presentation skills.
5. Present subject seminars and deliver them with confidence to enhance communications skills.
6. Provided with additional best lecture site links and course materials apart from regular ones.
7. Students are encouraged to publish their work and also to

present it in conferences

8. The leadership and team building skills are nurtured and groomed through organization of programmes, conferences, symposia etc, which are Conducted regularly by all departments.

In addition to the above, the best performing students who top in university examinations will be felicitated by CMRIT during orientation programme to motivate them to continue their excellence in academics.

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

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

Number of Students	Number of Teachers
4191	292

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

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

Category: Experiential learning

To promote experiential learning following initiatives are implemented:

- To create a hands-on experience, students are guided to do mini projects (6 man-days per semester per student, DRC reviewed, allotted on 1st day, 3 evaluations, and awards) right from their first semester along with entrepreneurial mini-projects (One Entrepreneurial project in pre-final year) and research article presentation.
- A close interaction with industry and professional bodies is

maintained to train students and transform them into competent professionals. IIT-B e-yantra centre, FOSS cell and Internship cell support students in their activities of interest.

- Maker-space facility open 24*7 for students
- Awards for exceptional projects
- (Inter-disciplinary engagements) Winning National/International competition (1international = 2 national)
- CMRIT has 15 Centers of Excellence (CoEs) in different areas to engage in mega

applications on technology excellence and applied research.

More details are available on the CMRIT website.

(<https://www.cmrit.ac.in/> ----> Cells ----> Research Committee ---> Downloads)

-
- Students can contact heads of the respective CoE as mentioned below for doing projects

which will help in higher studies as well as high paying jobs in product companies.

- Village adoption and providing technological solutions to specially challenged sections of

the society. Students contribute to projects through UBA and Enable India programs.

- Each department has to come up with 1 mega project for 60 intake based on the theme Smart Sustainable CMRGI involving faculty and students and students are encouraged to work on the same.
- To instill creativity and encourage entrepreneurship, CMRIT trains students on Design Thinking, Intellectual Properties, and Start-ups. The students are encouraged to participate in open competitions and venture their own start-ups.
- The I&E cell is responsible for helping students to: a) Convert ideas into patents/products which have commercial value b) Setup sustainable start-ups c) Create PoC (Proof of Concept) for new technologies d) Organize innovation contests and hackathons e) Develop technology solutions for social/industrial needs f) Conduct events through industry

connect.

Participative Learning: To promote participative learning following initiatives was taken:

- **Tie Your LACES (TYL) Hackathons:**

TYL Hackathons are conducted every semester on the below technologies Python

- JAVA
- C++
- P5 skills (Cloud, Full Stack, Big Data Analytics, ML)
- Aptitude
- **Flip-classroom:** for one subject-equivalent or combination of different chapters from various subjects is planned by the faculty along with video lectures. Students watch online lectures, collaborate in online discussions or carry out research at home while engaging in concepts in the classroom with the guidance of a mentor.
- **Group Discussions, seminars and Discussion Boards** were used by faculty to promote participative learning.

Problem Solving Methodologies:

- **Tutorial classes**
- **Use of e-contents for learning and assignments**
- **GATE coverage and assessment**

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	https://drive.google.com/drive/folders/18586b22k4AsBJtGFRA86hJgFxTC5iyxC?usp=sharing

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

The Institute follows ICT enabled teaching in addition to the traditional classroom education. Subsequent efforts are taken by the institute to provide e-learning atmosphere in the classroom:

1. In addition to chalk and talk method of teaching, the faculty members are using the ICT enabled learning tools such as tablet, whiteboard, PPT, Video clippings , Audio system, online sources, to expose the students for advanced knowledge and practical learning.
2. Classrooms are fully furnished with LCD/OHP/Computers
3. Students are advised to register for MOOCs (Massive Open Online Courses) and watch NPTEL, VTU e-Learning, edX and Coursera videos and the students are encourage to write assignments.
4. Flip classroom
5. Video sessions
6. Virtual labs
7. In classroom students are encouraged to give presentations to improve their basic knowledge, communication skills in the respective subject.

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

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

2.3.3.1 - Number of mentors

273

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

2.4 - Teacher Profile and Quality	
2.4.1 - Number of full time teachers against sanctioned posts during the year	
292	
File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	No File Uploaded
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded
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	
105	
File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File
2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)	
2.4.3.1 - Total experience of full-time teachers	
5.5 years	
File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File
2.5 - Evaluation Process and Reforms	

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

Institute is affiliated to VTU, Belagavi, the rules and regulations for the evaluation process are laid down by the affiliating University and are communicated to students through syllabus copies supplied in the beginning of the first year of their academic program.

- Schedule of semester Internal Assessment Test (IAT) is given in the academic calendar which is displayed well in advance before commencement of session.
- Three internal assessment tests are given during each semester, time table for which is prepared well in advance and communicated to the students.
- There is a college internal assessment committee formed by the principal/HOD. The committee consists of chief coordinator and departmental coordinators.
- One week before IAT, chief IAT coordinator conducts a meeting with departmental test coordinators to discuss IAT exam conduction (time table, faculty invigilation duty, IAT question papers etc.)
- The internal assessment evaluation process is communicated to students by the respective faculty and also during orientation programme for first year students.
- Question papers are set based on course outcomes mapped with Blooms Taxonomy levels. Workshops have been conducted to train faculty to prepare thought provoking questions. Question papers are approved by heads of the department and CCI (chief course instructor). Scheme of evaluation and detailed solution are given to the students by the respective subject faculty after completion of the exam. The scheme and solutions are approved by respective HODs.
- Evaluation of blue books is based on scheme and solution. Students are encouraged to self-evaluate using the detailed scheme provided. This helps them to identify their mistakes. Best answers written by students are shared by the faculty.
- The blue books are given to students after the completion of evaluation for verification of the marks.
- Finally, marks obtained by students in internal examinations are entered in college ERP.
- The institution has a robust, steady and effective system of communicating the marks to the guardians of students through report cards duly signed by the Principal and HOD, also containing remarks of the Head of the Department.

After each IAT, low scoring students are identified and are mentored through additional classes. Parent - Teachers meetings are periodically held to monitor the progress of students.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://drive.google.com/drive/folders/1bBI6_hfVATHemCXmYwe4oz7kC7pZzMrn?usp=sharing

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

- At the beginning of the semester, faculty members inform to the students about the various components in the assessment process during the semester.
- IAT is centralized in the college. To ensure proper conduction of formative IATs, one invigilator is assigned to each hall. HOD / professor will be in charge for each floor for smooth conduction of IATs.
- Seating plan of IATs displayed on the notice board along with the internal assessment time table.
- For each exam hall only 30 students will be allotted and absentee details are entered in examination form and submitted to respective department.
- If students are facing any problems during IATs, it is solved by the subject teacher or HOD.
- The corrected answer papers of the students are distributed to them for the verification by the students and any grievance is redressed immediately.

If they come across any doubts, clarification is given which enables them to fare better in future. Finally, marks obtained by the students in internal assessment tests are entered in college ERP

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://drive.google.com/drive/folders/1bBI6_hfVATHemCXmYwe4oz7kC7pZzMrn?usp=sharing

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.

Programme Outcomes (POs) are the statements which describe the qualities/competencies of a graduate acquired throughout the programme. POs are derived from the graduate attributes, which vary from UG to PG programmes. All the POs are defined based on the knowledge, skill and attitude components. The statements of POs are defined by the National Board of Accreditation for Engineering, MBA and MCA programmes. In addition to this, each program defines programme Specific Outcomes (PSOs) which explains the competency of the programme which are derived from the core curriculum. These POs and PSOs are updated in the institution website under each department.

Ex: For ISE : <https://www.cmrit.ac.in/information-science-engineering/>

Course Outcomes (COs) are defined for every course by the faculty, and are aligned to one or more POs. These are measured at the end of the course, through various assessments, designed specifically to effectively measure the CO and contribute to the PO that it is mapped to. The number of COs for a course is not fixed, and may have about six COs. These COs are communicated as follows:

Syllabus: All courses of the curriculum have well defined COS given by the university. The softcopy of the syllabus is shared to every student.

Lesson Plan: In the beginning of semester faculty prepares the lesson plan which includes course objectives and outcomes along with the CO-PO mapping with its strength.

Website: The syllabus of all programs offered by the department is uploaded on the College website which includes the COs of various courses of the curriculum.

Course handout: The course handouts for every program includes Vision-Mission, PEOs, POs, PSOs of the Program offered by the department and COs of various courses of the Curriculum

Library: Institute's central library keeps all the POs, PSOs and COs for easy access to students and faculty through the syllabus books of various programs.

Lab Manual: All POs, PSOs and COs of specific lab course are printed on lab manuals and issued to all students at the beginning of every semester.

Course Files: All the faculty members will prepare a course file for each semester that lists the POs, PSOs and COs.

During the start of the semester, IQAC will share a common drive to upload the content materials across departments by faculty and the same will be shared to students.

As part of CMRIT teaching learning process, every faculty need to discuss the objective setting which includes discussion on course outcomes, program outcomes and mapping during the first two classes in a semester.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://www.cmrit.ac.in/information-science-engineering
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

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

Response : 2.6.2

In a university-affiliated college, the CO attainment levels measured based on the results of the internal assessment conducted by the institute and external examination conducted by the university. This is a direct measurement of attainment. During the course of a semester, three internal assessment tests (IAT) conducted. Course attainment levels are calculated using the below steps

STEP 1

For every subject 4-7 course outcomes (CO) are defined and mapped to Program outcomes (PO) on a scale of 0 to 3. Highest correlation is 3.

Step-2:

Maximum marks allotted to each question, mapped to a cognitive level and the corresponding CO. Record the percentage of students achieving a set percentage of max marks allotted to an individual CO in a given IAT.

STEP 3

Average of three best performances of a student from three IATs are used for calculating attainment levels for CO1. The process is described below.

Set $M3 > M2 > M1$ and $S3 > S2 > S1$,

Condition

IF $S3 \%$ of students score $\geq M3\%$ of Max marks allotted to CO - Att. Lev. 3

ELSE IF $S2\%$ of students score $\geq M2\%$ of Max marks allotted to CO - Att. Lev. 2

ELSE IF $S1\%$ of students score $\geq M1\%$ of Max marks allotted to CO -

Att. Lev. 1

ELSE Att. Lev. 0

STEP 4

Repeat the above rubric to evaluate all COs.

STEP 5

Calculate the attainment levels based on internal test and VTU University Examinations using the rubrics defined.

STEP 6

CO attainment level for the that course is,

Course attainment level (CAL)=(0.8 × External att.)+(0.2 × Internal att.)

STEP 7

Program outcomes attained through the attainment of COs. For a given course, all COs are mapped to certain POs, as shown in STEP 1. The overall CO attainment value as computed in STEP 7 and the CO-PO mapping values given in the STEP 1 used to compute the attainment of POs.

STEP 8

PO attainment can be computed for a batch using the below formula. Indirect attainment is determined from student exit surveys, employer surveys, co-curricular activities, extracurricular activities and mapped to POs. A questionnaire was designed for this purpose and the average response of the outgoing students for each PO is computed.

Same method is used for PSO's.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://drive.google.com/drive/folders/1iZ_623r8sG-KE7NYVkgfhf25unEnxIqRg?usp=sharing

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

1019

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

<https://drive.google.com/file/d/1pMX6PPzXgVpKnJAAJ7hbzy27UOZt2ULM/view?usp=sharing>

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)

24

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

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

3.1.2.1 - Number of teachers recognized as research guides

9

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

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

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

7

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

3.2 - Innovation Ecosystem

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

CMRIT has an Innovation & Entrepreneurship (I&E) Cell in every department. The I&E cell targets to create an ecosystem for student

entrepreneurs which includes ethics, morals, values, funding, start-up support, mentoring, development of emotional intelligence, academic mentoring, field touch, social consciousness, environmental impact, etc.

- Design thinking workshop for all students across departments.
- Patent drafting and filing workshops
- Start-Up workshops for students.
- Students participate in National level hackathons like SMART INDIA HACKATHON, NATIONAL INNOVATION CONTEST, DRUG DISCOVERY, TOYCATHON ETC.
- Mentor students to get involved in innovative projects and hone their entrepreneurial skills.
- Motivate and mentor students to become the future Innovators and Entrepreneurs

CMRIT has 15 Centers of Excellence (CoEs) in different areas to engage in mega applications on technology excellence and applied research.

More details are available on the CMRIT website.

<https://www.cmrit.ac.in/centre-of-excellence/>

The Research Committee (RC) of CMRIT is the main body responsible for enhancing the quality of research and innovation activities taken up by faculty members and students. Each department would have Department Research Committee for overseeing research activities in the department and for guiding the faculty and students in their research efforts.

(<https://www.cmrit.ac.in/> ----> Cells ----> Research Committee ---> Downloads)

<https://drive.google.com/file/d/1YarKTAmPVHmriSNvmrRu3upkzdaP38qx/view>

IPR Cell:

CMRIT has established an IPR Cell in collaboration with KSCST (Karnataka State Council for Science and Technology).

The main objectives are:

- To create awareness about IPRs for faculty members and students by organizing workshops, seminars and training courses within its integrated campus.
- To enable patent searches in the institution.
- To guide CMRGI inventors concerning patenting their inventions with the help of an authorized patent attorney.
- To impart training on future endeavours regarding patent filing processes.
- To create an opportunity for product development and commercialization.
- To arrange a periodic meeting with faculty members/students along with officers of the Patent Information Centre (PIC), KSCST for identifying patentable inventions.

CMRIT has started the MHRD IIC with following responsibilities & activities

1. Bring awareness of innovation ecosystem in India
2. Expose students to expert talk series organized online by MHRD & AICTE
3. Hand hold student entrepreneurs by offering niche training in design thinking, finance, sales, marketing, HR etc.
4. Provide one to one counselling to student entrepreneurs and potential student entrepreneurs

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/1YarKTAmPVHmriSNvnrRu3upkzdaP38qx/view

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

50

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

3.3 - Research Publications and Awards

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

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

3

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

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

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

117

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

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

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

205

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

3.4 - Extension Activities

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

CMR institute of Technology envisions to create a society with equitable distribution of resources. Our campaigns on Save Environment, Drug free society, AIDS Awareness, Clean school, Train the teachers; Blood donation, Health camps, waste management, Village adoption etc. are only a miniscule of our activities to contribute to the society. Student groups plan and execute every activity under the guidance of faculty. This enables them to get in depth knowledge of social issues and propose technological solutions. Students inculcate creativity, sensitivity towards society, leadership necessary for their all-round development.

Our institution has made its noteworthy contribution to the society and environment by making a proactive participation in engaging student community in works on service schemes directed towards rural development. NSS unit and a team of committed faculty members engage students in the community development programmes. Rural India has been facing uncleanliness, unhygienic, malnutrition conditions and the most important problem is open defecation. Lack of awareness is noted among the villagers about such problems like health, cleanliness and diseases. CMRIT has adopted several villages and completed development works like Installation of Biogas plant, Solar Tree, Cleanliness drive, Literacy campaign. While working on these activities, our students joined hands with local panchayat and self-help groups in planning and execution of the work. Our students have expressed that these opportunities have provided them invaluable experience and given strength face challenges.

Blood donation camp organized every semester strengthens the sense of empathy and compassion among donors and also instills in them a sense of commitment and ethical responsibility. Programmes on gender

equality such as women empowerment, Women Health creates awareness among girl students of their condition and their rights, and among boys a sensitivity towards problems of women, leading to lessening of gender bias and patriarchal prejudices. All this leads to informed, balanced and responsible citizenship.

CMRIT has memorandum of understanding with an organization Enable India - striving for creating Disable friendly technologies. Our students are encouraged to identify problems and find solutions to facilitate wellbeing of Diyang community. This has resulted in innumerable student projects such as Blind friendly stick, Disable friendly sensors etc. This is promoting Entrepreneurial skills of our students. Our students and faculty designed innovative face masks, Sanitizer sprayer and distributed health workers which was appreciated by government authorities.

Universal Human Value training is included in First year Student Induction program. Students are sensitized by eminent personalities, academicians on Values and Ethics to be inculcated by budding engineers.

Visits to Old age homes, Blind associations, Orphan schools have been memorable occasions to become compassionate and express empathy to the deprived section of people. Many our students have been of philanthropic activities. Interactions with local schools and colleges to conduct workshops for students and training programmes for teachers gives our students an opportunity to work with children and contribute to their learning experience. Science programs, language classes are conducted to strengthen the basics for school children.

Unnat Bharat Abhiyan (UBA) scheme of Government of India has been utilized by our faculty and students to setup Rural technologies. This has immense scope to promote innovations for rural masses and honing of research skills among the budding engineers.

It has been a holistic experience for our students in these years to actively interact with local community to improve their standard of life.

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

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

3

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

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

34

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

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

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

3583

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

3.5 - Collaboration

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

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

22

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

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

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

14

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The infrastructure of the CMR Institute of Technology (CMRIT) is world-class. Well-ventilated, spacious classrooms, state-of-the-art Computer, Mechanical, Civil and Electronics labs, digital library, transport facilities, hostel, sports stadium (indoor & outdoor) and other amenities make CMRIT the perfect academic setting within India's Silicon Valley.

Situated in the very heart of South India's IT corridor, CMRIT campus in Whitefield, Bangalore is centrally located, well connected and easily accessible. Spread over 8 acres, the CMRIT campus is spacious and well laid out. Centralized fire alarm systems, CCTV surveillance are some of the security measures undertaken.

Classroom: All classrooms are designed to provide better learning experience. The 60 seat classroom gives each student an excellent view of the lecture as well as peers, thus making the class more interactive. All classrooms are bright, well ventilated, equipped with wi-fi access. All classrooms are spacious and well-ventilated to provide a holistic learning atmosphere to students. The classrooms incorporate the latest multimedia equipment to facilitate visual learning

Seminar Halls:

The campus is equipped with state-of-the-artfully air-conditioned, audio-visual rooms that regularly host guest speakers and national seminars. The dedicated AV rooms is acoustically treated and equipped top screen DVDs, record proceeding and help deliver an immersive learning experience. Seminar halls are equipped with video

conference lecture system.

Laboratories:

Students have access to high-tech networked Computers, Electronics, Mechanical and Civil labs equipped with the latest hardware and software. Students have full access to networked printers to print the projects reports, courseware and research material. With 1:4 ratio for lab computers, students have access to dedicated projects and business simulation labs. Each lab has 2GB RAM, 17" TFT monitors connected to windows7, Linux servers and SQL server 2000. All nodes have LCD projectors, scanners, printers and other selected peripherals. Authorized versions of all software are available. The laboratories are customized as per the needs of individual departments. The labs have modern equipment for students to work on and stay abreast with the latest industry trends.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.cmrit.ac.in/campus/campus-video/

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

Response:

SPORTS AND GAMES FACILITY IN CMRIT

1. SPORTS COMPLEX

a)Basket ball courts: (29 m ×16 m each)

b)Seating Capacity: 350 Nos.

2.Volley ball/Throw ball Court:

Seating Capacity: 350 No.

3. Foot Ball/Hockey/ Cricket Ground(90 m × 80 m)

Seating Capacity: 150 No

2) TABLE TENNIS Outdoor HALL

Measurement: 50 × 40 feet (3 nos. of T.T Tables can be accommodated)

Seating Capacity: 50 No

3) TABLE TENNIS INDOOR HALL

Measurement: 40 × 52 feet (2 nos. of T.T Tables can be accommodated)

Seating Capacity: 50 No

4) GYMNASIUM: 1 no

Accommodate: 20 Members can do Workouts at a time.

1. Fully Fledged SPORTS OFFICE/STORE ROOM.
2. We have separate Coaches for Individual Events

Basketball- Mr. Satyanarayana, NIS

- Participated as a Official in 55th School games in Punjab.
- Participated as a coach for Karnataka State team in 60th school games held at Delhi.
- Participated as a coach for Karnataka State team in 52nd school games held at Chhattisgarh. Completed the Jr. NBA & Jr. WNBA to TRAIN THE TRAINERS PROGRAM at Bangalore in 2011.
- Coach for Karnataka State team from 2006 to 2011.
- Played as a Guest Player for ITI from 2002 to 2005

Mr. Santosh

- Represented Karnataka for 6 Consecutive years.
- He has coaching Experience of 5years.

Foot ball - Mrs. Padma Priya Singoor.

- Represented INDIA and ASIAN Games and secured Silver medal.
- Working as a Football coach in SAI Bangalore, put on 23 years of service and produced National and International Players both Boys and Girls.
- Completed NIS, Diploma in Football.
- FIFA and AIFF Qualified Referee.

Hockey - Mr. Chethan Ram.

- Qualified Referee from KHF.
- Completed NIS, Diploma in Hockey.
- Coaching Experience of 2 years in SAI, Madikeri.
- Working in EURO International School

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.cmrit.ac.in/campus/sports-cmr/

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

7

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

70056873

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

The CMRIT central library has a comprehensive collection of books, national & international journals, educational CDs, and online database subscriptions that cover over 5661 full text online journals & conference proceedings, 24348 e-books annual reports and project reports. The library holds the resources in an organized, systematic, digitized way to fulfil the needs of users and to promote information. The library makes use of advanced tracking software to reserve and source any book a student might need. Students can use the digital library access. The library is open from 7.30am to 10.30pm on all regular days and up to 12pm during examinations.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	https://drive.google.com/drive/folders/1RP2c8SSSgraq8N_8R34YvgBfRqO3M02M

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

3196309

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

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

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

650

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

CMRIT campus networking is mainly operating with firewall and star topology in single network. The campus networking has been established with Gigabit/Megabit speed through fiber optical and CAT 6 structured cable for data nodes. Descriptions of all the network switch has been rack mounted such as core network, distribution switches, access switch and resilient server connections in serve room. Our network has been protected by firewall that includes Gateway level security and content/data filtering. This firewall supports with multiple ISP in lease line connection. The institute has hosted a private library server to meet the computing requirements of the campus for students and faculties. The server room also provides e-mail and webserver of the institution. There is a dedicated 125 Mbps leased line. The server room provides 24/7 Internet facility to the college / hostels. CMRIT campus having Microsoft licensing agreement. The total number of computers on network is 1333 from low end to high end systems. The number of Printers is 67. There are Licensed System Software's, Licensed Application Software's and Open source software's. Auditorium and Seminar Halls are equipped with AV Solutions to support Computer, Internet access, training to teachers and students and any other programme for technology up gradation. CMRIT campus having Video

Surveillance System also. The Wi-Fi facilities are available in all floors.

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

4.3.2 - Number of Computers

2082

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

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

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

138254706

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The institution obtains the necessary requirements of class rooms, laboratories and other infrastructural resources from each department well before the beginning of the academic year. After validation of the requirements by Vice Principal, the available resources are allocated to each department. Any new facility to be constructed / acquired is provided by the management before the semester begins. Wherever there exists a situation that a facility (a laboratory) is required by more than one department, suitable adjustments in the timetable would make the optimal use of the laboratory a possibility. Apart from regular curriculum, institute has allocated funds for establishing centralized facilities like XRD, optical microscope and so on. Right from its inception in the year 2000 the college has been improving its infrastructure to meet its ever increasing growth. Renovation of older blocks and modernization of laboratories have been done to meet the ever-changing academic requirements. The buildings are maintained for their up-keep and repairs on a regular basis. The house keeping team regularly maintains the buildings, corridors and other places clean and tidy. Each department will have a Foreman who is responsible for maintaining the laboratory equipment for their operational conditions. Before the beginning of the academic year the HODs would budget for repairs and maintenance in all their laboratories for the concerned academic year. They identify the agencies that would undertake the maintenance work and would get the equipment ready for operations before the beginning of every semester.

The institution has an IT cell headed by a senior member of the faculty to oversee the procurement, maintenance, repairs and replacement of equipment like computers, laptops, projectors and others in the domain area of information technology across the institution.

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

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

1235

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

279

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above								
<table border="1"> <thead> <tr> <th data-bbox="86 443 550 506">File Description</th> <th data-bbox="555 443 1471 506">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 512 550 613">Link to Institutional website</td> <td data-bbox="555 512 1471 613" style="text-align: center;">Nil</td> </tr> <tr> <td data-bbox="86 620 550 683">Any additional information</td> <td data-bbox="555 620 1471 683" style="text-align: center;">No File Uploaded</td> </tr> <tr> <td data-bbox="86 689 550 815">Details of capability building and skills enhancement initiatives (Data Template)</td> <td data-bbox="555 689 1471 815" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Link to Institutional website	Nil	Any additional information	No File Uploaded	Details of capability building and skills enhancement initiatives (Data Template)	View File	
File Description	Documents								
Link to Institutional website	Nil								
Any additional information	No File Uploaded								
Details of capability building and skills enhancement initiatives (Data Template)	View File								
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year									
786									
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year									
786									
<table border="1"> <thead> <tr> <th data-bbox="86 1216 550 1279">File Description</th> <th data-bbox="555 1216 1471 1279">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 1285 550 1348">Any additional information</td> <td data-bbox="555 1285 1471 1348" style="text-align: center;">No File Uploaded</td> </tr> <tr> <td data-bbox="86 1355 550 1547">Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)</td> <td data-bbox="555 1355 1471 1547" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Any additional information	No File Uploaded	Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File			
File Description	Documents								
Any additional information	No File Uploaded								
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File								
5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above								

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

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

786

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

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

5.2.2.1 - Number of outgoing student progression to higher education

45

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

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

45

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

5.3 - Student Participation and Activities

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

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

25

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

The hallmark of an Institute par excellence is the Student centered initiatives and Students involvement in decision making and engaging them in administrative, co-curricular and extracurricular

activities. At CMRIT, students council, student members in clubs and college level cells are actively participating in the conduction of all academic activities, cultural, sports and Extension activities in academic year.

The College offers students Clubs to participate in wide range of Co-Curricular, Extra-Curricular, Social and Community Development Activities. Throughout the year numerous events are organized for the students to pursue their hobbies. The students participate in the feedback system. The student feedback is an important exercise while curriculum framing, teaching - learning processes. Students conduct extension activities through NSS, NCC, Rotaract, Women Cell units etc. The students are nominated to Anti ragging committee, Student Grievances committees. Every year the students council actively participate in the National level intercollegiate cultural - technical extravaganza CULTURA. The students of various engineering colleges gather to collaborate, present, discuss, learn and explore development and applications in cutting edge technologies in all the fields of engineering and management. Students form departmental clubs arrange talks, workshops, training programs, Hackathons, competitions from person of eminence from industry.

Student Council: This body does planning and execution of annual events in the institution. Few activities they have organized as mentioned below.

1. Students of CMR Institute of Technology celebrated their Ethnic Day, "AHIMAYA" held on March 9 2019.

2. As part of pre-CULTURA events CUL-WEEK was celebrated with multiple events which included PHOTOWALK 2K19, Wear Your Mood Monday, Twinning Tuesday, Formal Wednesday, Black and White Thursday, 18th to 21st Mar 2019.

4. In the light of the birth-day of Sardar Vallabhbhai Patel, the Student Council of CMRIT and NSS organized a walkathon on the 31st Of October.

4. The Student Council of CMRIT collected supplies to help flood hit Kodagu and Kerala. Materials donated toward this cause included Soap, Toothbrush, Toothpaste, Towels, Medicines, Dettol, Basic First Aid Kits, Packed foods, Sanitary Pads, Candles, Match box, Torches , School Stationery for kids and also monetary help for relief fund.

5. NSS Unit of CMRIT in association with TEDx CMRIT as well as

Students council of CMRIT organized a Midnight marathon event RUN FOR THE BRAVE on 8th March 2019 in honor of our Indian soldiers, by donating 50% of proceeds to bharatkeveer.gov.in

File Description	Documents
Paste link for additional information	https://docs.google.com/spreadsheets/d/10fj7IAJgWkIKIXJtv9iAgn8rEblKvVqYaOPCR0uezJs/edit#gid=1146329065
Upload any additional information	No File Uploaded

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

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

148

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

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

Yes, the institution has an Alumni Association which plays a vital role. The Alumni Association helps in building a network of the alumni and helps the institute to be in constant touch with the corporate world. The alumni meets once a year, helps in conducting interactive sessions to motivate current students about the employability in Indian industries, and also educational opportunities within India and abroad. They share their opinions in social networks, blogs and forums. The alumni participate and share through seminars and panel discussions on the competencies they have

gained during their course of professional work and provide valuable information to the institute in an attempt to improve curriculum. .

Contributions:

- Guest lectures / Webinar sessions
- Placement opportunities
- Internship opportunities
- Alumni meet
- Alumni Quarantine Stories
- Recognizing stories of contribution amidst COVID-19

1. Alumni's meeting was organized every year on the second day of CULTURA. The event provides an opportunity to alumni to interact with the juniors and guide them in various aspects.

2. Alumni interacted with all fellow students to discuss about the challengers and expectations of industry and also served as alumni evaluator's in judging the teams for Hackathons.

3. Served as alumni evaluator's in judging the teams for Hackathons.

4. Served as resource persons for various guest lectures, club activities and workshops.

5. CMRIT Alumna Ms. Madhavi Shankar (2008-2012 Batch, Dept. of CSE) Co-founder and CEO of Space Basic & one of the top women entrepreneurs from WTI Awards 2019 for being featured in Forbes Asia 30 under 30, Class of 2020. NITI Aayog (National Institution for Transforming India) Tweets and appreciated our alumna Ms. Madhavi Shankar for featuring in Forbes Asia 30 under 30.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/17-gXxyOnPHz czku8e7cbzivTxvxqxdTb/view?usp=sharing
Upload any additional information	No File Uploaded

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

A. ? 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Response:

Institute Vision : To be a nationally acclaimed and globally recognized institute of engineering, technology and management producing competent professionals with appropriate attributes to serve the cause of nation and society at large

Institute Mission:

M1: Create necessary infrastructure appropriate to the needs of programmes and activities of the institution

M2: Attract and retain well-qualified faculty and support staff

M3: Create and facilitate an ambience for interdisciplinary engagement leading to healthy competition among students and staff in pursuit of excellence through life-long learning

M4: Develop and operate mutually beneficial programs partnering with industries, institutes and individuals of national and international repute

M5: Create mechanisms to understand societal needs and provide solutions for the betterment of society

Process for defining Vision and Mission:

The Vision and Mission are reviewed and refined. The process that was followed in recent revision is shown is as follows:

1. Initial discussion was conducted among the faculty members and student representatives to draft the Vision and Mission

statements of the department in the presence of the Head of the department (HoD) keeping the Vision and Mission of the institute in mind. A brainstorming session was conducted and this was followed up by a discussion session to come up with a draft version of the Vision and Mission of the department.

2. This draft was shared with the different stakeholders and their comments and suggestions were collected. The stakeholders contacted include parents, current students, alumni, industry professionals, employers, academicians from other reputed institutions.
3. The comments and suggestions received are consolidated, analyzed by HoD and are discussed in the faculty meetings and changes, if felt necessary, are incorporated in the Vision and Mission statements. The Vision and Mission statements are reviewed with the department advisory board and approved by the management.
4. Faculty are encouraged to represent in all decision-making bodies of the institute namely, Academic Council, Board of Studies, IQAC etc. While senior faculties have been nominated as members of BOC, Senior professors and Associate Professor have been nominated as members of the Academic council. While all the HODs and some of the faculties are members of the IQAC, all the faculty in the department are represented in their respective BOS. Faculties are also the members of Programme Assessment Committee (TYT) and Department Advisory Committee.
5. Most of the faculty are also members of various other Committees viz., Women Safety and Grievance Redressal Committee, Anti Ragging, Grievances Redressal, Industry-Institute Interaction, I&E, DRC, CoE etc., which have been constituted with specific functions and responsibilities.
6. Create and facilitate an ambience for interdisciplinary engagement leading to healthy competition among students and staff in pursuit of excellence through life-long learning, CMRIT has launched (MAST) Multi-disciplinary Areas for Start-ups and Technology Transfer projects scheme.
7. To Create mechanisms to understand societal needs and provide solutions for the betterment of society, CMR Institute of Technology was determined to serve the rural community in Chokkanahalli 2020-2021 after the grand success in the adoption of Marasandra village in 2018-19. The main focus of the village visit was to interact with villagers, identify problems faced by them, and come up with technical solutions that will aid the village.
8. Develop and operate mutually beneficial programs partnering with industries, institutes and individuals of national and

international repute, CMRIT has signed MoUs with various national and international organizations.

9. The Institute's Policies, Strategies, Resources and Quality Assurance cater to the needs of the Institute including Academics, Research, Innovation and Entrepreneurship and Social Responsibility with an international Vision. The CMRIT management and the Head of the Institution ensure liberal, democratic and barrier free management in such a fashion that the services and ideas of all the stakeholders do reflect for better achievement.
10. Close mentoring and monitoring of students is done and a healthy faculty-student relationship is maintained. Bridge courses and remedial teaching sessions are conducted for the students who require assistance to improve their academic performance.
11. We consider the social responsibility to be imbibed as an inherent quality in our students and, thus the Institute contributes by providing socially responsible students as inputs to sustainable socioeconomic development.
12. Professional Societies and chapters are established with student and faculty membership and active participation. Life Skills and Professional Skill training is provided through well planned programmes (TYL).
13. The minutes of the meetings of the Governing Council (GC) and the minutes of the meetings of other Committees are recorded and circulated to the concerned.

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

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

Response:

The case study shows practicing decentralization and participative management in the institute.

A Case Study:

Innovation and Entrepreneurship(I&E) committee

The Principal forms various committees and members of each stream are included as a member or convener and the Principal is the Chairperson of each Committee. Decentralization and Participative Management through I&E Committee activities: The I&E committee organizes various competitions and events throughout the year for encouraging students and staff to display their talents. The I&E committee consists of various members who represent all the departments of the college. A senior professor heads the committee. At the beginning of the academic year, a meeting of committee is organized under the direction of the college principal.

The responsibilities of organizing various events are shared by all the members. The members prepare the schedule of the events and organize various inter-college trainings and hackathons. Other teachings and non-teaching members are involved in the evaluation of the competitions. The students are also involved in the planning and execution of the various programs. The student leaders guide the new entrants. Students and Staff who are interested in leadership are encouraged to work as contingent leaders for handling intercollegiate events.

Hierarchy of the Committee :

I&E Committee are headed by the Chairperson of the committee who is nominated by the members of the committee. All activities are monitored by the Chairperson and I&E Head. The calendar of events is meticulously planned and prepared in advance by I&E committee members and ensures the proper implementation of the planned events. Heads of the department I&E heads ensure the functioning of the departmental activities. HoDs is responsible for confirmation and observation of I&E activities. CMRIT Formulated "CMRIT Innovation and Start-up Policy-2021" in line with National Innovation and Startup Policy2019. The committee members are from various departments of the institute and external experts.

Outcome:

The I&E committee display team spirit in organizing various events. Thus institution practices decentralization and participative management.

- For the co-creation of I&E activities, we are collaborating with industries like Bleaves Hospitality and Devahuthi.

- Breakthrough Innovations / Technology Developed at the institute:

Slimming Candy:

- Kokum-based product development. The effort was on utilization of kokum-based products or compounds extracted from kokum and used in nutraceuticals.
- The preparation of confectionary was done originally in the lab and eventually building a research lab in the village for formulation and development.
- The start-up founders are committed and sincere and have invested personal funds to realize the formulation.

Book and GI Project:

- The book creation is an age-old art and the books often are artwork or creative work and appreciated by the audience which has a flavor for the same. The model is not scalable and has remained in the hands of authors.
- Number and Different types of I&E and IPR activities Conducted: 122
- No. of student's & faculty ideas generated: 63
- No. of student's & faculty Innovation/prototypes developed: 14
- No. of IPs generated, published, and granted:

Patent published: 31

Granted Patent: 09

Granted Design: 09

Trade Mark: 02

- No. of Student & Faculty Start-ups/Ventures established: 15
- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus: INR 3,49,900
- Amount grant or fund supported to student & Faculty lead Innovations, start-ups, and IPR: INR 83,00,000.
- No. of Technology Transfer and Commercialization happened: 08
- During this academic year, we have 12 ventures established inside the college.

- Highlight selected start-ups established by students/faculties with mention of founder/co-founder name. The details are summarized in the below given Table.

Sr. No.

Name of the Venture/Startup/ SME Unit Established with the Support of HEI

Name of the

Founder

Name of the

Co-Founder

1

AnHestia

Swathi

Nithesh Kumar reddy

2

PureAthera

Shalini K V

sanjay kashyap

3

Nun Selene

Swethashree

Vidyashree

4

ElePhoebe

Chethan S

Tavinashreddy

5

SewAphitrite

RajuJ

sharathKumarD

6

Love Rhea

RameshaGN

NA

7

CuteApate

Preethi N

NA

8

Din Harmania

VenketeshMurthy

Chandrappa M

9

Q2Demeter

Sharmila R

NA

10

MewThetis



Anand Raja C

NA

11

The Iris

Srinivas S M

AninditaGosh

12

AnAstrae InnovativeSolution

PranavBhat

NA

The institute believes in the practices of decentralization and participative management which promote its vision and mission. The decentralization reflects in various functional bodies like Management, Governing Council, IQAC Committee, Administrative, NSS committees and various committees. Management, Governing Council and IQAC, frame strategic policies and quality initiatives to be adopted.

- The institution promotes participative management through periodic meetings with stakeholders. The meetings of the Governing Council are conducted once in a year. In these meetings, the members thoroughly discuss developments and revise the policies if necessary.
- Various committees at institutional levels and departmental levels are responsible for planning and executing many operational procedures in the institution.
- Every employee at all levels has an opportunity to contribute his/her innovative ideas leading to improved processes and hence higher quality results.
- The college involves all the stakeholders in the decision making process for framing guidelines and rules & regulations to ensure smooth and systematic functioning of the institute.

- The relevant information is shared with the employees through various meetings/circulars.
- The Principal provides leadership for the academic administration and creates an effective environment conducive for learning. He ensures that quality education is imparted to the students that foster the holistic development of the students. He also ensures all-round development of the Institute and achievement of strategic plans of the institution.
- Meetings of the various committees are conducted frequently to monitor and evaluate activities. The Principal's meetings with HODs are conducted every month to monitor all academic and student related activities.
- Faculty meetings are conducted in every department frequently to convey plans and instructions discussed in HOD meetings and kick-start their implementation as well as take feedback about the plans being implemented.
- CMRIT has a governing body in place wherein the members are drawn from distinguished cross-sections of the society as shown in table below.

File Description	Documents
Paste link for additional information	https://docs.google.com/spreadsheets/d/10fj7IAJgWkIKIXJtv9iAgn8rEblKvVgYaOPCR0uezJs/edit?usp=sharing
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institution has developed the strategic plan grouped into various categories named as "CMRIT Initiatives for Excellence". The highlight of each category is explained below:

Graduation Outcome

Under this initiative, we focus on Graduation in Minimum Time Period

i.e. without year back, placements, median salary, entrepreneurship and university ranks for the students.

Skills training and transformation

Under this initiative, we focus on various types of placement training on core, soft skills, languages, aptitude etc. We issue scorecards at the college level based on different levels of examination. Final target of this initiative is that all our students should get very good placement.

Experiential Learning / Inculcate scientific temperament

Under this initiative, we focus on participation of students in department level mega projects, mini projects, Entrepreneurial projects, technology excellence activities by centres of excellence, internship and Inter-disciplinary activities.

Co-curricular Learning

Under this initiative, we focus on MOOC, paper presentation, expert talks, professional bodies' activities, student club activity, organizing social activities and industry visits for the students.

Pedagogy, Creativity, Participation

Under this initiative, we focus on new creative pedagogy/evaluation such as videos, flip classroom, virtual labs, e-resources, innovation hackathons/competitions. In addition, training sessions on entrepreneurship, innovation and grants proposals to students and faculty.

Faculty Knowledge and skills

Under this initiative, we look for faculty contribution in quality research, consultancy, sponsorship projects, innovation and entrepreneurship projects along with teaching. We also motivate faculty for MOOC certification, attending FDPs, serving as a resource person at external events, delivering technical talk and organizing FDPs.

Processes and Perception

Under this initiative, IQAC ensures the process and quality outcome especially at organization level w.r.t high college rank, OBE, CO/PO and continuous improvement.

Organization Database and Activities

Under this initiative, we focus on common organization level events, faculty induction, student induction, newsletter, student database, parent database and events database.

We have implemented all the above and among all we have achieved very good success in

Faculty Knowledge and skills:

The CMR Institute of Technology (CMRIT) has introduced the policy of publications by the faculty members in premier publication indexing services such as Scopus, Web of Science for journals and IEEE, Springer for Conferences. This policy decision-making is considered as one among the quality moments by the institute. The number of publications in the years increased drastically. In the year 2018, we have got 35 publications in conferences and 33 publications in the journals of both National and International repute. This has been increased to 125 in the year 2019 and 225 in the year 2020. That is, the number of publications doubled in subsequent years. This has the impact to elevate our institute in NIRF ranking. The success over the year is summarized in the below given table.

2021

2020

2019

2018

2017

Grants/Consultancy

40.77

111 L

145 L

89 L

40.37 L

Paper published National/ International Conference

49*

85*

48*

35*+4

25*+4

Paper published

National/International Journals

80*

140*

77*

33*+8

27*+6

Patent (Conventional)

69+2^

226+7^

52+9^

5+2^

4

* indicates Scopus indexed and ^ indicates granted.

In the year 2020, due to pandemic (Covid-19), numbers for grants/consultancy appears less than previous year and affect is

continued in 2021 as well. However, we are very positive do much better achieve better figure by the end of 2021. In addition, we have registered 2 trademarks in 2020.

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

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

- Various committees at institutional levels and departmental levels are responsible for planning and executing many operational procedures in the institution.
- The head of the departments (HoDs) are accountable for smooth conduction of academic activities of the department. In turn they delegate important academic activities to the respective faculty members. For which a complete freedom has been given to the Head of the Departments.
- Also, regular departmental meetings are conducted in which important aspects of the requirements of the departments such as equipment, laboratory materials, books, journals and others are discussed and a power has been delegated to decide and recommend to the top management.
- The Management approves budget and the Principal communicates them to the departments, such financial provision at the disposal of the HOD and Heads of the various committees.
- Various functional committees are formed every year and their responsibilities and functions are well-defined.
- HoDs are also authorized to recruit competent faculty members for their department. Thus, the institution decentralizes the authority and provides operational autonomy to the committees.
- CMRIT has a governing body in place wherein the members are drawn from distinguished cross-sections of the society as shown in table below.

MEMBERS OF THE GOVERNING COUNCIL

SN

Name of the Member with Address

Profession

Designation

1.

Sri. K.C. Ramamurthy

• M.P Rajya Sabha, • Member, Standing Committee on urban Development, GOI. • Rtd. IGP Govt of Karnataka. • Registrar Bangalore University 2002-03. • Director Department of Kannada & Culture (Govt. of Karnataka). • Commissioner, Dept. of Youth Service & Sports

Chairman

1.

Dr. Sabitha Ramamurthy

• Chancellor, CMR University. • Director EDUFICE Education Services Private Ltd. • Director INTL PTE Learning Ltd, Singapore • Director Timeline Learning Institute Private Ltd. • Trustee Gandhi Education Trust • Director EKYA Board of Governors

President

1.

Dr. K.P. Gopalakrishna

• Chairman & Founder National Public Schools

Member

1.

Dr. K.C. Raju Reddy

• Physician & Surgeon

Member

1.

Sri. K.C. Jagannath Reddy

• Consultant, Builder and Educationist ? Asst. Governor, Rotary District 3190 • Member, Bangalore Management Association • President Elect, All India Manufacturer's Organisation

Member

1.

Smt. Shobha Reddy

Administrator & Educationist

Member

1.

Sri. K R Jayadeep

• Pro-Chancellor, CMR University

Member

1.

Dr. C M Bhaskar Reddy

• Pro-Vice-Chancellor, CMR University

Member

1.

Dr. Sanjay Jain

- Principal CMRIT (From 29th June 2017)

Member and Executive Secretary

1.

Dr. B. Narasimha Murthy

Vice Principal, CMRIT

Sr. Faculty

Member

1.

Dr. Binish Fatimah

Assoc. Professor,

Dept of ECE, CMRIT

Faculty Member

1.

VTU Nominee: Dr. N V R Naidu(15th March 2020 to 15th Mar 2022)

- Executive Council Member VTU & Principal MSRIT

Member

Functions of Governing Council:

1. Adopting the fees and other charges payable by the student of the college as fixed by the Government/University in this regard from time to time.
2. Accepting endowments, institute scholarships, fellowships, studentships, medals prizes and certificates on the recommendation of the Academic Council.
3. Approving the starting of new programmes of study with the

concurrence of the University, leading to all the courses running in our institution.

4. Lay down services conditions and emoluments as per the Council norms, allowances for teaching and non-teaching staff in the college, consistent with the University Status/ Ordinances / Regulations/ Rules/ Guidelines and other State Government Provisions.
5. Lay down the procedure for selection recruitment of teaching, non teaching staff and for appointing them in the college, consistent with the University Statutes / Ordinances / Regulations/ Rules/ Guidelines and other State Government Provisions.
6. Regulating and enforcing discipline among the members of teaching and non-teaching staff in accordance with the Rules/ Procedures/ Guidelines laid down in this regard.
7. Investing funds belonging to the college in approval securities, as it shall, from time to time, think fit or in the purchase of immovable property.
8. Transferring or accepting transfer of any movable or immovable property to the college.
9. Entertaining, adjudicating upon and if thought fit, constitute a Committee to advise and/or recommend method to redress the grievances of staff members of the college.
10. Delegating administrative, managerial and financial powers to the Principal and other functionaries in the College for its smooth functioning
11. Approving the Annual Budget of the college.
12. Performing such other functions & constitutes Committee, as may be necessary and deemed fit for the proper development and fulfill the objectives for which the college was established.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
Upload any additional information	No File Uploaded

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user inter faces	No File Uploaded
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Response:

- Institute provides salary advances and avail advance leave in case of emergency.
- Dedicated Investment Advisor Cell - professional support to educate and achieve

financial goals.

- Employee gets fees concession for their ward.
- Internet and free Wi-Fi facilities are also available in campus for staff
- Faculty members are provided with Individual cabin and system to facilitate good ambience.
- Motivation through counseling is also available for staff members to create a healthy working environment.
- Service awards were given for faculty completing 5years,10years,15years and 20years of service in the organization during Founder's day every year.Also awards were given to faculty on completion of PhD.
- Free health check-up camps.
- Unique options for faculty members to contribute beyond teaching in the areas of Research, Consultancy, Project Grants, Innovation and Entrepreneurship along with execution of technical projects. There is systematic process for faculty evaluation and to recognize and award faculty.
- The institute deputes the faculty to attend workshops, conferences, seminars etc.
- The institute organizes in-house faculty development programs,

administrative skills development programs, value based programs, and teaching-learning courses to enhance professionalism.

- The institute assists and encourages faculty to be a member of local, national, international, professional bodies and societies.
- The institute motivates the faculty and staff for arranging industrial training programs/visits.
- The institute motivates the faculty for research and development by providing seed money, digital library and research equipment and labs.
- The institute promotes research culture and research publication by creating infrastructure to carry out research work and run projects,
- The institute motivates the non-teaching staff to attend skill development and training program. It allows them to attend courses to improve their educational qualification.
- Institute organizes training programs on office automation, use of open source software etc.
- Staff called for work on a holiday by the head of department/vice principal will be provided compensatory-off of half day for working beyond three hours, and compensatory-off of one day for working beyond six hours.
- Faculty members who are pursuing Ph.D. will be provided one-day OOD to meet their external guide, once a month. These leaves are available only after the successful completion of Ph.D. course work. The leave has to be supported by a signed letter from the guide with the date of the meeting.
- Special Duty Leaves will be permitted for organizational assignments by Principal for special meetings/events such as admission, and for special-duties of VTU such as external DCS.
- Incentives would be awarded to faculty from CMRIT for the output over and above their assigned core activities.
- Gymnasium & Sports facilities
- CMR Bus facilities by paying the nominal fees fixed by the Transport Committee.
- Work from home option
- Hostel accommodation based on specific needs
- Rewards for best teachers
- Support for attending conferences / research publications
- Research facility utilization
- Support for Professional development

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1sOgORwP0h88huaNA519FjN6IRxb3dMf4/view?usp=sharing
Upload any additional information	No File Uploaded

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

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

100

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	No File Uploaded

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

47

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

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

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

290

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

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

Response:

Faculty evaluation will be done quarterly in an academic year, marks will be allotted to each faculty based on their technical and non-technical support to the department.

Faculty self-appraisal includes the performance of faculties in the areas of teaching, research and other administrative support. They are expected to achieve the targets for the sanction of yearly increment and additional incentive increments (if any) based on the performance.

Faculty members from CMRIT have a choice in participating in the following core activities as part of their workload.

1. Teaching and Lab conduction (T)
2. Research Paper publication (R)
3. Consultancy (C)
4. Projects Grant (P)
5. Innovation (I)
6. Entrepreneurship (E)

Evaluation is done four times in a year based on TRCPIE & other goals: July, Oct., Jan., April.

Weightage:

- TRCPIE: 60%
- Non-Core: 10%
- Knowledge Upgrade: 10%
- Support: 20% (Mentoring: 5%)

The weightage may change based on specific activities allotted to a staff.

Quarterly Evaluation of HoD/Head for organization level role will be done by Principal and the format of the same is given below.

https://drive.google.com/file/d/1L_2ppXah8DN1A2aPVMJ__8bI4adJgt9p/view?usp=sharing

Department evaluation is also done once in a year. Template for the same is given below:

<https://drive.google.com/file/d/1MsBoUzeczVrILYPgSOWICqgyiSBFfkbJ/view?usp=sharing>

CMRIT offers 22 types of faculty awards based on their performance in various categories of CMRIT initiatives as mentioned below:

A. Category: Graduation outcome

? Graduation in Minimum Time Period

1. Faculty getting +15% better results than average of last three years

2. Mentors of students in probable ineligible list

? Median salary

3. Faculty who provided significant support to achieve the target

? University Ranks

4. Mentor of student who is able to coach and motivate student

5. Subject teachers who put special effort

B. Category: Skills training and transformation

? Transformation Records

6. Mentors providing significant 'transformation' of their mentees

? Tie Your LACES training

7. Faculty putting special efforts for providing training

C. Category: Experiential learning

? CoE Mega Application

8. Faculty members for significant contribution and leadership

9. CoE with Best Mega Application

? Dept. Mega Project

10. Faculty members for significant contribution and leadership

11. Department with best Mega Project

? Mini Projects

12. Faculty for significant support and guidance

? Winning national/international competitions

13. Faculty members for significant support and guidance

D. Category: Co-curricular learning

? MoU with industry and premier institute

14. Faculty for MoU on research, product, and joint-courses

? Student Club Activities

15. Faculty for significant contribution and leadership

E. Category: Pedagogy, Creativity, Participation

? Learning Experience

16. Faculty with most effective Flip classroom implementation

17. Faculty with most effective videos and e-resources utilization

? GATE coverage and assessment

18. Faculty for significant contribution based on students' feedback and teaching

material/process

F. Category: Faculty knowledge and skills

? RCPIE

19. RCPIE Incentive as applicable under each category

? New innovative / Out-of-syllabus content/experiment

20. Faculty for significant contribution

G. Category: Processes and Perception, Organizational Databases and Activities

? Common Organization level events

21. Faculty for significant contribution and leadership for initiatives across the

Organization

? IQAC Progress and Compliance

22. Faculty for significant contribution and leadership

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/u/0/folders/1srR25yE5ICPp2kdJaMpAajorBIXOE6Df
Upload any additional information	No File Uploaded

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

Response:**Internal audit:**

The internal audit is performed on a half yearly basis. The auditors verify all accounting transactions with underlying documents to validate the existence, accuracy, occurrence, valuation, classification and completeness of the transactions recorded in the accounting system. Ledger scrutiny is performed to check if there are any deviations from the generally accepted accounting principles or internal policies. Objections, if any, would be brought to the notice of the Trustee, Director-Finance, Accounts and the Accounts Manager. The audit objections will be resolved after mutual discussions and submission of sufficient clarifications during the audit itself.

External audit:

External auditors are Chartered Accountants appointed on an yearly basis as per the regulatory requirements. The external auditors conduct the audit in accordance with the Standards of Auditing issued by ICAI. The external auditors confirm that the generally accepted accounting principles are followed and the financials are prepared within the applicable financial reporting framework and as per statutory requirements. The audit team would verify and assess if there are any material misstatements due to error or fraud at

financial statement level and assertions level. All the external audits of the institute have concluded with the auditor giving an opinion that the financial statements give a true and fair view of the affairs of the institution. The yearly audit reports and financial statements are filed with the statutory authorities within the due dates. The last external audit was conducted for the year ended March 31, 2021.

The Institution receives Grants from various government and non-government organisations. The Institution obtains services of an external auditor to prepare and submit the Utilization Certificate.

Mechanism for settling audit objections:

The Trustee, Director-Finance, Accounts and the Accounts Manager carefully examine the results of the audit. All the objections would be resolved after mutual discussions with the auditors. Sufficient documents would be submitted to the auditors to clarify their queries within the specified timelines. The institution has not come across any major audit objection as of date.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1J4edXoV6VrGfyZGoFlw_NLU_eg5i1q4S?usp=sharing
Upload any additional information	No File Uploaded

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

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

7Lakhs

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

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

CMRIT has a transparent and well planned financial management system. The Resource mobilization policy focuses on achieving the goals of the institution ensuring accountability and transparency. The Board of Management coordinates and monitors the optimal utilization of the funds and the resources. The Resource Mobilization Policy encompasses the following:

Planning Infrastructural requirements:

- In order to operate the approved academic programme effectively and provide administrative support, the building and basic infrastructural requirements are worked out by the Board of Management in terms of financial load and time needed.
- Programme-wise budgets for equipment, instruments, consumables, are prepared by the Programme Coordinators and submitted to the Principal.
- On the basis of student intake, faculty requirements, Lab/library/material need and infrastructural need, the details of funds requirement are examined and a Resource Mobilization Plan is prepared.

The procedure followed to ensure proper implementation of the Resource Mobilization plan is:

- Funds are provided to meet the infrastructure requirement of the institution Programme wise.
- The budget for student activities, remuneration of visiting faculty, and honorarium of Guest for Expert Lecture, Seminars, Workshops and Conferences at department is prepared and

approved by Management.

- Fees and grants are used for infrastructure and academic activities.
- Transparency and accountability are ensured by conducting an annual audit of the statements.
- In order to ensure and monitor effective utilization of financial resources CMRIT has appointed an Executive, who checks all expenditures. Furthermore, every year the Principal appoints a Purchase and Disposal Committee, which plans and approves all purchases.

1. Mobilization of funds

The major sources of revenue are:

- Tuition Fees collected
- Surplus from Certificate courses
- Cultura fund
- Auditorium rent, canteen rent, playground, police test etc.
- Hackathon funds
- Consultancy
- Makerspace-[a Thinker Lab)
- CoE Technology Transfer
- Food stalls and artcrafts
- Project funding from various Government departments, such as MeitY, DST, DRDO, CSIR, DBT, ICMR, etc.
- Organization of Conferences such as IEEE-C2I4-20 & 21, FDP, symposiums and workshops with sponsorships from AICTE, ATAL and delegate fees.
- Sustainable practices such as fee-based utilization of state-of-the-art equipment for training such as STTPs & LTTPs.
- Establishment of a pipeline towards generation of royalties from licensing of Intellectual Property through Patents and Technology Transfer to start-ups and corporate.

The funds collected are spent only for planned expenditure reflected in the Budget.

- During the preparation of budget, inputs are obtained from IQAC, departments, library, sports, laboratory and committees. Then the annual budget of the College is prepared. After collecting quotations from the Purchase Department, the budget

is revised on the basis of requirements and priorities of the College.

- The College also makes operational budgetary allocations for salaries of all teaching and non-teaching staff, house-keeping staff, repairs and maintenance, AMCs, license fees, developmental work, audit fees, and professional charges, purchase of books and periodicals, event expenses, sports participation fees, reimbursement for paper presentations and workshops, electricity and water bills, stationery expenses, postage & telegram and miscellaneous expenses. The daily sundry expenses are met out of the petty cash provisions. An ICT based comprehensive end-to-end academic management suite Juno-Campus, has been developed
- The College distributes endowment prizes and merit scholarship to the deserving and needy students.

1. Optimal utilization of infrastructural resources

- Utilization of class rooms and work schedule for teaching and non-teaching staff.
- ICT enabled computer labs for conducting lectures, Projectors, LCD & mike system in classrooms.
- Library is well equipped with text books, reference books, journals, magazines, online journals.
- Library sitting hours extended during the period of exam.
- Infrastructural resources are being used by government organization to conduct recruitment examination.
- Quadrangle, Canteen and amphitheatre commonly used by all sister institutes.

1. Optimal utilizations of human resources

- Experienced and dedicated teaching and non- teaching staff are serving as resource persons for various national and into national events organized by Academic and Research Institutes.
- Experienced and trained teachers appointed as internal auditors for smooth functioning of College activities.
- Teachers involved in various committee and administrative work.

Mobilization of funds in the institute is through several ways. The primary source is through collection of tuition fees and grants received from various bodies. In addition, mobilization of funds are carried out based on the below mechanisms.

- Knowledge sharing through STTP, LTTP etc.
- Sponsorship for various events (Conference, workshop etc)
- Cultura fund
- Alumni funds through startups
- Auditorium rent, canteen rent, playground, police test etc.
- Hackathon funds
- Consultancy
- Makerspace
- COE technology transfer
- MBA dept organizing food stalls and artcrafts

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

6.5 - Internal Quality Assurance System

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

Response:

Internal Quality Assurance Cell (IQAC) has been established at CMRIT post accreditation quality sustenance and enhancement measure. The cell has ensured enhancement and coordination among various activities of the institution and institutionalizes all good practices.

Contributions made by IQAC:

- Feedback process was refined by analyzing the feedback more than 90% and less than 70% along with root cause and plan of actions. Top performers were identified and made to share their best practices during Mid-sem faculty meetings.

- Prepared a template for recording flip class activities like pre-assessment and post assessment and shared it with all faculties.
- Created CO-PO attainment and gap analysis template and every faculty computes attainment and measures gaps if any for their subject after the results.
- Created an additional calendar called as IQAC calendar which captures events related only to staff members but not directly related to students.
- Created student transformation record book which contains the complete database of a student for mentoring students. This record is maintained throughout their BE programme and hence it gives the information about how a student has transformed into a Successful Professional in four years.
- Started with analyzing the revaluation results there by knowing the performance.
- Conducted various Quality enhancement programmes to students and teachers. Received from TEQIP Rs.3lakhs and organized FDP on OBE and NBA Accreditation.
- Created a new process for teaching learning and monitoring across the departments.
- Academic Audits : To work out the mechanism for ensuring timely, efficient and

periodic progressive performance of academic activities on regular basis academic audits were conducted two times during start of the semester and after completion.

- Identification of Chief Course Instructor: To emphasize on quality w.r.t internal

question paper setting focusing more on blooms levels CCI were identified across the

departments.

- Lesson Plan: To normalize formats, Lesson Plan template was structured uniformly

focusing on instruction methodologies and teaching aids.

The two best practices are discussed below:

1. Academic Audit of the Departments/Cells/Committee

IQAC do audit two times in a semester for all departments. First

audit is before commencement of semester to check the plan and preparation to meet the targets as per initiatives in the semester. Second audit is done after the last working day of the semester to check the status of the targets achieved, gaps, best practices by the department etc. Similarly, an IQAC audit happens once at the end of every semester for all organization level heads for their respective cells/committees. At the beginning of semester, along with academic calendar, IQAC share a separate IQAC calendar which provides a timeline of tasks completion. The whole exercise enhances and maintains the quality and process.

IQAC has shared the audit checklist to all the heads and same get used during audit. The checklist can be on below given link which provides more details on the audit.

<https://drive.google.com/file/d/1qHMoSy7SJbThy2u50j-ELArdpbLwO6Rr/view>

The report of the audit get analyzed and discussed in the HoDs meeting for discussion and suggestion. IQAC also identify the gaps which should be filled by making proper action plans. The best practices observed during the audit are shared to all departments to implement. Due to implementation of such academic audit, it is found out that all departments and committees have been constantly improving their curricular, co-curricular and extra co-curricular performances.

1. Quality Enhancement Programmes by IQAC

IQAC has adopted a practice to provide quality enhancement programmes for both students and faculty. Programmes are engaged by internal as well as external experts. IQAC regularly provides training on defining/revising CO (wherever applicable), CO-PO mapping, PO-PSO mapping, setting the attainment target, calculation of attainment, gap analysis etc. This process makes all faculty aware about all these process and how to implement. IQAC conduct faculty induction programme at the beginning of every semester to highlight complete process and expectations form CMRITians. Conducted CO-PO certification test for all faculties and prepared a handbook for the same.

File Description	Documents
Paste link for additional information	https://docs.google.com/spreadsheets/d/1E2xgOYehRMuwiH7rF7NhLmTHGmcKux91/edit?usp=sharing&oid=107430832921127066512&rtpof=true&sd=true
Upload any additional information	No File Uploaded

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

Response:

1. Teaching Learning process

- Lesson Plan: To normalize formats, Lesson Plan template was structured and shared to all the faculties.
- Identification of Chief Course Instructor (CCI): The role of CCI is to review the internal question paper and finalize it. If multiple faculties are handling the same subject then they need to send the question paper to CCI three days before the test and CCI has to finalize common question paper among all and send it to test coordinator. After the test CCI will act as a moderator and they will review some sample blue books after evaluation.
- Flip class activity report: Prepared a template for recording flip class activities like pre-assessment and post assessment and shared it with all faculties.
- Feedback process: Refined feedback process, communicated with ERP team to reflect changes in the online process. Based on Principal inputs, questionnaires were refined to suit subject and lab feedback and same was shared with ERP team to reflect in the online portal. The process was monitored regularly. Weekly updates were mailed to heads of the department to speed up the process until it reaches 90% or above. Reports were auto generated and made available on faculty dashboard in ERP.
- CO-PO attainment template: Created template for setting CO-PO targets along with gap analysis and PO-PSO attainment with gap analysis and shared to all faculties.

2. Department audits

- Department wise schedule, a checklist to be ready for audit,

and panel members for the audit was identified and shared across department heads.

- The audit was conducted as per schedule and panel members comments were recorded in the Checklist report template.
- Reports were collected from panel members, consolidated department wise and submitted to Principal and Vice Principal.

File Description	Documents
Paste link for additional information	https://sites.google.com/cmrit.ac.in/internalqualityassurancecell/templatesdocuments
Upload any additional information	No File Uploaded

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Institution shows gender sensitivity in providing facilities such as

1. Safety and Security

2. Counseling
3. Common Room

We have a strong ethical work culture that is based on inclusivity. It observes highest ethical standards in all its activities. Equal opportunities are provided to all individuals irrespective of gender, race, caste, color, creed, language, religion, political or other opinion, national or social origin, property, birth or other status. Its unique work culture, healthy traditions and ethos have led to enrolment of 68% women students and 69% women staff.

Safety, security and well-being, along with gender equity and friendly working atmosphere are the issues of prime concern.

Gender sensitivity is an inherent value in the cultural ethos of the institute and its neighbouring community, as is evident by the following facilities -

(a) Safety and Security

- Well-trained and vigilant women security guards stationed across the campus.
- Security checkpoints at all campus entries and exits.
- Extensive surveillance network with 24x7 monitored control rooms.
- Rotational duty by all faculty members for discipline and security.
- The Proctorial Committee includes male and female proctors at institute as well as faculty level.
- Strict implementation of Anti-Ragging, Anti-Smoking and Mobile Free Campus.
- Awareness campaigns on women safety and gender sensitivity through workshops.
- Separate hostels for men and women with dedicated wardens.
- The Institute is the preferred destination of parents for education of their female wards as evidenced by the Stakeholder Feedback.

(b) Counseling

- Formal and informal avenues for counseling male and female students and staff for academic and other issues/problems.
- Class and Proctorial Committees are available for counseling of both males and female students.
- Grievance Redressal Committees for staff and students
- Women's rights

- Human rights
- Gender justice
- Gender equality
- Gender sensitization workshops
- Faculty Placement Cells and Alumni Placement Assistance Cell
- Others - Entrance Exam Counseling, Orientation Programmes
- Medical Counseling, Moral Counseling, Career Counseling, Village Counseling, Vocation Counseling weekly through medical camps and LLE.

(c) Common Rooms:

- In most of the Departments, common rooms have been allocated for men and women, which also facilitate meetings and discussions.

(d) Other Measures and Other Initiatives

Other measures of Gender Sensitization include -

- Co-curricular activities.
- Enrolment of 68% women students and 49% women staff

CMRIT has been successful in caring for its diverse students and staff population harmoniously in its efforts to steadily achieve its vision and mission. This is also evident from regular feedback from all its stakeholders.

Additional initiatives ensure active participation of students in co-curricular activities including sports in all UG programmes and also at intra-faculty, inter-faculty and inter-university levels. The start up prepared under the various entrepreneurial programmes by students, is also a student-run initiative.

As a part of the women empowerment club we are organizing events to educate, train and empower women. We have conducted training for Digital India Mission-Google Pay, online ticket booking, Investment Management, basic computer training, soft skills training for women and girls of rural area. Also we conducted basic tuition classes to support school education for girls in slum areas, also for the underprivileged girl child. We will be continuing with these activities this year also

Community outreach

CMRIT provides opportunity to women from all walks of life to get

trained in entrepreneurship and self-employable skills.

As part of NSS activities, free multi-specialty medical camps are organized fortnightly in neighboring villages, which help transform rural women in building awareness about health, hygiene, importance of child education and provide a launching pad to induct them into vocational skilling.

CMRIT has been successful in caring for its diverse students and staff population harmoniously in its efforts to steadily achieve its vision and mission. This is also evident from regular feedback from all its stakeholders.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://docs.google.com/document/d/1mc-h2sIwYYZglzBfL_1VPoaxj7thDvz-/edit?usp=sharing&ouid=107430832921127066512&rtpof=true&sd=true

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

A. 4 or All of the above

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

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

The following are the eco-friendly measures/initiatives taken by the institute towards having a green campus:

- Solid waste management

The waste generated by all sorts of routine activities carried out in the institute includes paper, plastics, glass, metals, foods, kitchen and canteen waste etc. There are 10 wet waste bins near the canteen area and 32 dry waste bins inside the college building and 12 around the college campus.

1. Attempts have been made by Department of Civil Engineering to convert food waste from college hostel and canteen to manure by drum composting. This was done as a part of Mega project (DRC) of the department and the compost so formed can be used as an organic fertilizer for the garden. For a wet waste of 150 kg, approximately 20 kg of fertilizer was generated. The details of the same is there in the ppt attached.

2. The administrative supervisor in each block ensures that the waste in each floor is collected at designated time intervals. The housekeeping workers in each floor collect, clean, segregate and compile the waste in the dustbins (Green and Blue) provided at each floor.

3. The floor dustbins are emptied in movable containers/dustbins provided for each block and are taken to the dumping yard by an authorized vendor who collects the waste from the designated place, segregates them, recycles them and disposes them at the landfills authorized by the government.

- Liquid waste management

Liquid waste generated by the college are of two types:

1. Sewage waste
2. Laboratory, laundry and cafeteria effluent waste

The above two wastes is treated through Sewage Treatment Plants (STPs) in the campus of CMRIT and the water is used for gardens and flushing in toilets.

- Biomedical waste management

Since there is no Hospital, Health care centres, Blood banks or Biotechnological research centre associated with the institute, no Biomedical waste is generated.

- E-waste management

Flip flops, memory chips, motherboard, compact discs, cartridges

etc. generated by electronic equipment's such as Computers, Phones, Printers, Fax and Photocopy machines are given to SAAHAS, Ensyde E-Waste management NGO. They visit the campus regularly and collect waste through club activities organized by the civil department. CMRIT Maker space has also initiated e-waste collection drive on Feb 1 2019.

- Waste recycling system

1. Single sided printed papers are reused for taking printouts.
2. Unused sheets of bluebooks and assignment books are reused for making notes.
3. The single use plastic bottles thrown as waste in the canteen is collected and is used to store cleaning chemicals and disinfectants.
4. Cartridges are reused.
5. Any remaining unused waste is considered as dry waste and disposed off safely through collection mechanisms

Hazardous chemicals and radioactive waste management

Institute don't have radioactive waste. MOU with Robust Materials Technology enables collection of waste from Chemistry department.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

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

B. Any 3 of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

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

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

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

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

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

<p>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).</p>
<p>To build a strong connect between students and the faculty and to create holistic awareness about Universal Human Values, formed Universal Human value cell as part of AICTE initiative. To train our faculty on Human values, we encourage all our faculty to undergo Five-day AICTE workshop on Universal Human Values (UHV). As</p>

envisaged by AICTE, teachers integrate their training experience in three-week Induction program organized for First year students. During the Induction Program, students would get an initial exposure to human values. Faculty member trained in Universal Human Values programme, should help students in the right development of their world-view, mindset, perspective and values

Following initiatives were taken place to connect to the community

- MOU with Enable India
- Techno-meet for Society
- TECHNOVENZA 2019
- Social Hackathon
- Innovations In Mathematics
- Yoga Day
- Old Age Home Visit
- Adoption of the Marasandra Village-MoU
- New Village Adoption "Chokkanahalli"
- Blood Donation Camp by NSS team
- TEDx CMRIT

As part of Unnat Bharat Abhiyan CMRIT has adopted below 5 villages. The purpose of the study was to understand various problems faced by the villages and the lead taken by the gram panchayats in dealing with the situation at the grass root level, and the current situation.

- Chinnasandra
- Doddaganjur
- Kagathi
- Kurubur
- Upperpete

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

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

The college conducts various programmes on Human Rights to provide awareness among students through NSS cell.

- Voter's Day Programme
- Blood Donation Programmes
- SwachhBharath
- Health Awareness Programmes
- Tree Plantation

To build a strong connect between students and the faculty and to create holistic awareness about Universal Human Values, formed Universal Human value cell as part of AICTE initiative. To train our faculty on Human values, we encourage all our faculty to undergo Five-day AICTE workshop on Universal Human Values (UHV). As envisaged by AICTE, teachers integrate their training experience in three-week Induction program organized for First year students. During the Induction Program, students would get an initial exposure to human values. Faculty member trained in Universal Human Values programme, should help students in the right development of their world-view, mindset, perspective and values

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://docs.google.com/document/d/1ZX3GWCplhfqur0wcT6rCPIFg5aa-17wr/edit?usp=sharing&ouid=107430832921127066512&rtpof=true&sd=true
Any other relevant information	Nil

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

A. All of the above

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

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

Institution Organizes National Festivals and Birth and Death Anniversaries of great Indian Personalities with enthusiasm. Our students are on a mission towards better India by breaking the boundaries of religion and caste. Thoughts of great Indian personalities sowed into the young minds through the exhibitions and programs conducted on these days. The institution practices pluralist approach towards all religion functions and encourages the students and faculty to showcase the same. Every year our institute organizes the national festivals and birth / death anniversaries of the great Indian personalities. Staff and students get to know the importance of national integrity in the country in general and their role in it in particular.

1. 26th January Republic Day
2. 15th August Independence day
3. 5th September(Dr.Sarvpalli RadhaKrishnan Birth Anniversary
4. 2nd October Mahatma Gandhi Birth Anniversary
5. 15th September Engineers day (Birth Anniversary of Sir Visvesvaraya)
7. International Yoga Day
 - 1.
 - 2.
10. Ethnic Day

11. WORLD HEALTH DAY

12. Constitutionday

13..Republic Day at CMRIT

14.Matrubhasha Diwas,

15. Ganesha pooja

16.Aayudha Pooja

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best Practice 1: Teaching Learning Process -TYT(Touch your Toes)

Best Practice-2: Innovation and Entrepreneurship (I&E)

File Description	Documents
Best practices in the Institutional website	https://drive.google.com/file/d/1-vFtIsiUt40rHVXy_btOd6IM5NywBBRh/view?usp=sharing
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

- CMRIT Multi-disciplinary Areas for Start-ups and Technology transfer (MAST)**

2. **Projects plan at CMRIT:** Every year students are trained on various I&E activities and expected to reach TRL level 3, 4, 5 and 6. Year-wise expected outcomes from students: Design thinking workshop in the first year. At the end of the 1st year, students should understand the complete process of design registration and they should register the designs in a group of any number of members (~3/section). Should develop Proofs-of-Concept. Patent filing training in 2nd year. At the end of the 2nd year. At the end of the 2nd year, students should understand the complete process of patent filing and they should file the patent in the group (~3/section). Should develop prototypes. Startup training in 3rd year. At the end of the 3rd year, students should understand the complete process of startup. They should develop a Minimum Usable Prototype (MUP). In the 4th year, students can setup up their startups.
3. **Teaching Learning :TYT-TLP:** The TYT-TLP is a process at CMRIT to ensure effective teaching learning with the following expectations: To promote higher forms of thinking. To achieve the expected learning outcomes, To create a positive learning experience and TYT indicates 'Touch Your TOES' and TOES is 'Thinking Outcome Experience of Students (TOES)'
4. **TYL: Providing Best Placement Opportunities:** TYL (Tie Your LACES) program on Language, Aptitude, Core (Programming - P1 to P5, Core domain - C2 to C5), Experiential and Soft-skills.

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

7.3.2 - Plan of action for the next academic year

1. To setup various competency committees like programming, startup and learning to promote the higher order thinking among students.
2. More revenue generation from the patents.