



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. B.Satyanarayana
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	09247961234
• Alternate phone No.	9989710335
• Mobile No. (Principal)	8008557624
• Registered e-mail ID (Principal)	principalcmrit@gmail.com
• Address	Kandlakoya (V) . Medchal (M) . .
• City/Town	Hyderabad

• State/UT	Telangana				
• Pin Code	501401				
2. Institutional status					
• Autonomous Status (Provide the date of conferment of Autonomy)	13/06/2017				
• Type of Institution	Co-education				
• Location	Rural				
• Financial Status	Self-financing				
• Name of the IQAC Co-ordinator/Director	Dr. K Praveen Kumar				
• Phone No.	9491545605				
• Mobile No:	deaniqac.cmrit@gmail.com				
• IQAC e-mail ID	principal@cmritonline.ac.in				
3. Website address (Web link of the AQAR (Previous Academic Year))	https://www.cmritonline.ac.in/IQAC				
4. Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.cmritonline.ac.in/Academics/ACADEMICCALE				
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to

Cycle 1	A	3.16	2018	03/07/2018	02/07/2023
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6.Date of Establishment of IQAC	15/12/2016
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7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of I etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
CMRIT/ECE/Dr. T. AnilKumar	TARE	SERB-DST	22/02/2019	1830
CMRIT/ECE/Dr. T. Anil Kumar	PRERANA	AICTE	26/03/2019	9850
CMRIT/MECH/ Vishnu Vardhan	MODROB	AICTE	20/07/2020	1454
CMRIT/ECE/Dr. T. Anil Kumar	SPICE	AICTE	01/06/2021	1000
CMRIT/ECE/ Dr. K. Niranjan Reddy	GOC	AICTE	01/06/2021	4000
CMRIT/CSE/K.MOORARJI	TEQIP-III	JNTUH	22/07/2019	2895

8.Provide details regarding the composition of the IQAC:

<ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI 	View File
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9.No. of IQAC meetings held during the year	5
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<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes
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<ul style="list-style-type: none"> If No, please upload the minutes of the 	No File Uploaded
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meeting(s) and Action Taken Report	
10. Did IQAC receive funding from any funding agency to support its activities during the year?	No
• If yes, mention the amount	

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

Online Training sessions to identify & acquaint with Course Outcomes (CO Programme Outcomes (POs), PEOs under OBE conscious to all the stakeholders in general and department wise staff and students in particular

Motivate for entrepreneurship development, startups, innovations, patent paper publication and QIP

Functional/Active MOUs with Industrial/R&D tie-ups for active R&D/Projects/Internships in addition to use of ICT TOOLS in TLP and Pedagogy.

eCMS implemented in academics, administration, accounts, and stakeholder feedback analysis and assessment

Encourage participation/conduct of professional/technical/socio-economic/cultural/environmental events/conferences/workshops through digital/social-media/electronic platforms such as MOOCs/NPTEL certification/value added courses

12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Participation in national level ranking agencies such as NIRF, ARIIA and other private ranking agencies	RANKING AMONG PREMIER INSTITUTIONS BY PARTICIPATION
Develop rubrics and assessment methodologies	Faculty understood the assessment process and learn better marking

<p>for all courses and for attainment & assessment of PEOS, PSOS, POS and Course Outcome Statements</p>	
<p>Acquaint with Accreditation processes of NBA/NAAC/Other SRAs</p>	<p>Faculty aware of filing process of all accreditation agencies and get proficiency on their duties and responsibilities</p>
<p>Design of curriculum in line with industry requirements</p>	<ul style="list-style-type: none"> • Curriculum with contemporary needs • Courses on AI, DLML, Robotics, Data Science, IoT, Block-Chain, Predictive Analytics, Full Stack, Cyber Security, Wireless Sensors, Unmanned Vehicles, Precision-Agriculture, Assistive Technologies, Non-Conventional-Energy Systems, Adaptive/Flexible Manufacturing, Alternative Fuels etc. • Introduced courses on employability, HVPE, gender sensitization, heritage, constitution, community connect, personality development, yoga, meditation & stress management • Courses with a special focus on entrepreneurship, business intelligence, analytics, startups and IPR, • R&D Labs to support Innovative projects, Incubation, and exploration with industry connect
<p>Use Automation in all segments of Academics & Administration through eCMS</p>	<ul style="list-style-type: none"> • Increased transaction accuracy, speed and precision with controlled redundancy. • Digitization and digitalization
<p>Encouragement of staff, students and stakeholders through online certification courses</p>	<ul style="list-style-type: none"> • Exposed stakeholders to near future of industry and state of the art technology Filled gap between industry and academia, research & consultancy • Students and Staff sharpen skills with multi-facet-self-learning-ability • Exploit emerging trends of global academics trends by certifications from world premier institutes in special diversified interested areas though not come across in curriculum at the time they graduated • Hands on Experience on Cloud/AI/DLML/IOT/SCI /DS/ BDA, Ansoft HFSS, AutoCAD, Staad.Pro/AutoCAD/ Mobile Application development, Manufacturing, Process & Design

<p>13. Was the AQAR placed before the statutory body?</p>	<p>Yes</p>
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- Name of the statutory body

Name of the statutory body	Date of meeting(s)
GOVERNING BODY	10/04/2021

14. Was the institutional data submitted to AISHE ?

Yes

- Year

Year	Date of Submission
03/10/2019	03/10/2019

Extended Profile

1. Programme

1.1

Number of programmes offered during the year:

03

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

2. Student

2.1

Total number of students during the year:

3611

File Description	Documents
Institutional data in Prescribed format	No File Uploaded

2.2

Number of outgoing / final year students during the year:

1019

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

2.3

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

3516

File Description	Documents

Institutional Data in Prescribed Format	No File Uploaded
3.Academic	
3.1 Number of courses in all programmes during the year:	11
File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded
3.2 Number of full-time teachers during the year:	253
File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded
3.3 Number of sanctioned posts for the year:	253
4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	552
4.2 Total number of Classrooms and Seminar halls	63
4.3 Total number of computers on campus for academic purposes	1632
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	0000

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

CMRIT founded in 2005, AICTE Approved, JNTUH Affiliated, NBA Accredited UGC-Autonomous (2018) is remarkable for its strategic achievements. CMR

strong Advisory Bodies namely GB, CAC, BOS and PAC which lend support for translation of its vision, mission, objectives, strategies, goals and policies into PEOS, POs, PSOs and COs with a blend of BTL and academia & industry. Institute addresses the immediate societal issues that perplex stakeholders with global professional values & ethics and with contemporary practices of the economy. The PEOS, POs, PSOs and COs are byproducts of institute's Academic Regulations, Curriculum, Course Structure and Syllabus which are thoroughly deliberated to get its present shape in association with the Industry representatives, R&D, SRAs, premier institutes, society, and other affiliating bodies, as necessary and the same is communicated and disseminated through both formal & informal channels and noble thoughts from all sides are invited to develop necessary rubrics; to attain & assess targeted outcomes under OBE system. The institute has sufficiently geared up to face the challenges of global economy with necessary skills for better quality of life. All the stakeholders are reminded several times to go through our statements and provide necessary constructive feedback to revisit the curriculum as and when possible under the guidance of SRAs, JNTUH, AICTE, NAAC, NBA and other affiliating bodies including local government norms. Curricula developed and implemented have relevance to the local, national and global developmental needs. Issues related to economic disparities, employability, socio-cultural issues, quality of living standards, innovation, entrepreneurship, environment, safety and sustainable development are included. The curricula are revised from time to time based on the developments in the local and global needs. The Institute has the systematic procedure for development, revision and implementation of curriculum in the departments for all the eligible programmes. The curriculum is designed in such a way that it addresses the needs and challenges of global society and state of art technologies. Factors considered for Curriculum Design and enrichment:

- Referred the curriculum of various institutions, universities, colleges and schools of national and international repute.
- Referred the model curriculum as prescribed by SRAs such as NBA/NAAC/AICTE/JNTUH/UGC/TSGOV/ MHRD.
- Followed the guidelines of various professional bodies, technical associations and industry associations.
- Collected views from various stakeholder segments e.g., students, alumni, industry, employer, university, parents, resource persons, faculty and R&D organizations.
- Observed various burning topics covered in several competitive examinations for higher education and employment.

Implementation of Outcome Based Education (OBE) in the Curriculum: Institution enriches its curriculum with due consideration and diligence towards quality through introduction of wide range of elective courses covering employability, professional excellence, and in addition, core-competence, cutting-edge-technologies. Then the faculty develops course articulation matrix to PEOS to that of POs and PSOs as identified to strengthen the curriculum as per the guidelines of SRAs. As part of assessment and attainment of COs, POs, PSOs and PEOS the faculty members of the institute effectively implement the vision and mission of the institute. Process for Curriculum Design: The present curriculum is an outcome of various statutory bodies constituted by the management and stakeholders to cast their opinions, suggestions and recommendations on various new programmes, courses, topics, labs, library, infrastructure, professional development, curricular, co-curricular, and extra-curricular activities to be taken up in the interest of primary stakeholder development.

All the above items are discussed in the meetings of statutory and non-statutory committees and bodies before finalizing the new curriculum as when required, to upgrade curriculum to cope with changes in global soc The academic, administrative and financial autonomies of the institute ample scope to fairly revisit the curriculum time to time. In recent pa institute revisited its curriculum several times i.e., in the years 201 and 2020 based on the guidelines issued by AICTE, JNTUH and UGC to main focus on the employability, inter-disciplinary, cross cultural issues w multi-functional skill-set and knowledge for higher education and emplo The institute simultaneously provides an opportunity to improve the ski the graduates through institute level free registration portal for MOOCS/NPTEL/SWAYAM/COURSERA/WEBEX etc. Kindly Visit:www.cmritonline.ac. further information

File Description	Documents
Upload additional information, if any	View File
Link for additional information	www.cmritonline.ac.in , all academicregulation coursestructures , POPSOCO

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

11

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View F
Details of syllabus revision during the year	View F
Any additional information	View F

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

299

File Description	Docu
Curriculum / Syllabus of such courses	Vie
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	Vie
MoUs with relevant organizations for these courses, if any	Vie
Any additional information	Vie

1.2 - Academic Flexibility

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

11

File Description	Documents

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

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

11

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View]
Any additional information	View]
List of Add on /Certificate programs (Data Template)	View]

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Environment and Sustainability, and Human Values into the curriculum

Cutting-edge technologies are introduced in core-courses in the curriculum provide higher levels of employability, education, training and R&D. The institute adapted cross-cutting skills such as communication, critical thinking, creativity, imagination, innovation, exploration, teamwork, problem solving, and idea-sharing in diverse multi-cultural teams. COs, POs and are assessed through multi disciplinary/facet/dimensional, inter-disciplinary skills by way of professional/open elective courses, core courses, internships, project courses; which are evaluated by CIE & SEE based on rubrics developed, and TLP & Pedagogy. Good number of courses are introduced with Human Values & Professional Ethics, Physical Education Training, Sports Time Management, Life Skills, Interactive And Inter-Personal Communication Group Dynamics, Yoga, Meditation, Gender Sensitization, Disaster Management Environment Science & Technology, Non Conventional Energy Systems, Renewable Energy Sources, Eco-Environment, Green Practices, Impact Assessment And Environment Sustainability for holistic development with necessary life transferable skills.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	
Any additional information	

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

23

File Description	Documents

List of value-added courses	View
Brochure or any other document relating to value-added courses	View
Any additional information	View

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

4354

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

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

1770

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	
Any additional information	

1.4 - Feedback System

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

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	www.cmritonline.ac.in
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed action taken made available on website

File Description	Documents
Provide URL for stakeholders' feedback report	www.cmritonline.ac.in
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

1199

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

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

553

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 students' learning levels and organises special programmes for low and advanced learners.

MENTOR-MENTEE SYSTEM

Mentoring system available in the institute from its inception itself is the brain-child of our principal/director. Mentoring system is designed to give an insight into the student and understand his attitude, interest and aptitude and the SWOC components in with the mentee. The same is analysed after few interactions with mentee by the faculty mentor would be used to provide suitable academic/professional/technical assistance either through co-sponsors or staff on the need-basis. This process helps the institute to know about student thoroughly and mould them as exemplary in their environment by motivating towards his professional ambitions. In due course institute organises CRT programmes with external resource persons and employer and as an opportunity to the institute to provide an assessment about the student himself where he stand on the ladder and to know one's self how far is his targets and where do they best fit in employment/education career. Mentors provide necessary domestic/abroad information which paves way for their higher education/employment both in private and government sector. Mentors identify skill-gaps, lacunas, attitude and behavioural issues and relax them through career counselling. In case if necessary their parents are called once and intimated about the interest and ambitions of their wards and try to convince both of them and align the interests of parent and their child. In general, institute provide several sessions by experts from premier institutes, psychologists/experts/charities, prestigious service organisations such as ISKON, BEM, RKMATT, Satya Sai Seva Samithi. Institute offer special sessions to all the students on PED, Yoga, Stress/Time Management, Personal Development, Gender-Sensitisation, Eco-Environment, CSR, EDC, Health-Care. Community connect and engagement at early level itself to know their

responsibility towards global-society and positively address the issues wherever they are professionally or academically in multi-cultural-envi and to work in multi-functional teams. Mentoring help them to become a team-player with positive and proactive attitude at workplace even unde vulnerable situations with their critical thinking, creativity, imagina and decision making skills. Out Mentor-Mentee Ratio is 1:15 though guid of affiliating bodies relax up to 1:20.

Student Mentoring-System is in existence since inception of the institu mentors allotted from day one onwards to understand their career path a interests. Mentor-Mentee meets for every fortnight and discuss various related to academics and being counselled/ guided accordingly by facult mentor. Mentors continuously monitor the attendance in each and every c CIE performance time to time and intimate the same to parents. The facu mentor is continued till final year. Mentor mentee introduction occurs time of induction program by respective department HODs. Mentors try to insight of mentees both in academics and their socio economic back-grou the purpose of providing special assistance for employability and caree opportunities. Mentee dairy/records maintained by faculty and advice st respective faculty too, to pay special attention in case if any student lagging or exhibit weak performance or even understanding classes/match frequency with faculty. The respective mentors identify students into t categories i.e., slow-pace learners, average-learners and advanced lear As a part of institutional policy bright students attached to weak perf to make-up at student level and later at faculty level. Additional remedial/makeup sessions offerred to regular/supply students in general request in particular. There will be a fair number of events organised beginning/ending of each semester by Professional Counsellors from emin institutions such as RK Matt, ISKON, Sri Satyasai Seva Samithi, Sociolo psychologists etc. The Student Mentoring system is continued till the e graduation and the same mentor continued throughout the graduation.

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

2.2.2 - Student - Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2020	3611	252

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

Once a student is admitted, the student is guided, stimulated, motivate

corrected, from the beginning thereby channelizing his/her energy in the possible manner. Apart from regular lectures, the institute encourages learning which contributes to the holistic development and improved self-learning. This provides opportunity to students to improve, learn and develop skills such as communication and presentation. Further, the students gain hands-on experience through the following:

- Student seminars/webinars
- Lab experiments, workshops, practice sessions, design/drawing courses
- NPTEL video lectures, MOOCs, SWAYAM, Coursera, Webex,
- ICT Tools, Web-Learning-Resources, Simulation Software, Webinars
- Modelling/Proto-types exhibitions
- Poster Presentations & Technical Events/Shows
- Social relevant projects
- Technical symposiums/workshops/training programs
- Industry Oriented Internship/in-plant training/In-house R&D
- Students/Alumni interaction/activities by individual department
- Mini, Micro and Major projects
- Student clubs and professional associations/chapter
- Entrepreneurship Development Cell Activities/NEN
- Seminars, Conferences, Technical Training Programmes, Hands on experience
- Industry-Institute-Interaction
- Incubation Services/Social Innovations/Exploration Labs
- Mandatory Courses PED/NSS/NCC/Yoga/Meditation/Gender-Sensitization
- Exposure to advanced courses by way of professional electives/open electives
- Guest/Expert Lectures from surrounding NIT/IIT/IPE/JNTUH/TSGOVT/Premier Institutes
- Personality Development Programmes by Eminent Personalities from IITSS/RKMAT/ISKON

Activity day is conducted once in every week for improving the presentation skills such as group discussion, technical seminar and innovative project presentations. Guest lectures, symposium and workshops are regularly arranged for students by inviting eminent people from Industry, academic and research Institutions.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	www.cmritonline.ac.in , 360 degrees v

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

Staff and students are making use of ICT tools for their teaching and learning processes.

- Faculty members are highly encouraged to use power point presentations delivering lecture through the use of LCD projectors.
- Every class room has one LCD projector.
- Students are encouraged to deliver the seminars, presentations with modern presentation aids. Computers/Tablet/mobile usage

- Lesson plans are prepared in soft format in the computer and shared students.
- Attendance, internal assessment and University marks are software b
- Students' feedback is taken online.
- Analysis of students' feedback is generated using software.
- Centralized database system is available both for staff and student
- Internet access to all faculty and students help them to access all materials available in other universities and make use of the same study and lecture delivery.

ICT tools and resources available

E-resources and techniques used

ICT tools and resources available

Number of Teachers using ICT (LMS, e-Resources)

PC/LAPTOP

NPTEL VIDEOS

PC/LAPTOP

252 Faculty

WIFI

JOURNALS

WIFI

65 LHs

LAN

ARTICLES

LAN

2 SHs

INTERNET

BSE/NSE WEBSITE

INTERNET

2000 Seater

Auditorium

LCD PROJECTOR

CMIE WEBSITE

LCD PROJECTOR

15 Smart

Class Rooms

PRINTER

DIG. RESOURCES

PRINTER

UPS

CDs/Simulations

UPS

PA SYSTEM

E-Books

PA SYSTEM

AMPLIFIER

PPTs

AMPLIFIER

INTERNET COMPONENTS

Dig. Literature

INTERNET COMPONENTS

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	www.cmritonline.com 360 Degree V
Upload any additional information	No File Upload

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

2.3.3.1 - Number of mentors

252

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

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

The Teaching Learning process is the back bone of the academic system of institution. The academic calendar is prepared and distributed to the staff along with vision and mission of the institution at the beginning of each academic year. It is prepared in consultation with the Principal, Controller of Examinations and HoDs and other administrative officers of the institution prior to the commencement of the academic year. The calendar gives the information about the institution, rules & regulations, working days, holidays and various events such as commencement of classes/continuous assessments tests/closing date of theory classes/commencement of practical examinations/commencement of theory examinations /reopening of college after semester holidays.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View

2.4 - Teacher Profile and Quality

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

252

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

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

38

File Description	Documents
List of number of full-time teachers with PhD. / D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View
Any additional information	No File Upload

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

1260

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

2.5 - Evaluation Process and Reforms

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

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

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

103

File Description	Document
Upload the number of complaints and total number of students who appeared for exams during the year	No F Uplo
Upload any additional information	View

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

Campus Automation Software e-CMS of institute is with different feature automation integrated to various sections across institute with suitabl LAN/WAN in addition to ILIS which is a digital learning platform.

Admission Registration: This module makes admission process automated. generates the report on the seats allotment by convener and its status sliding of branches etc. Out of the students applied for seats under B Category, merit list is prepared and offered them in the order of merit lists are also generated.

Academics: Programme/Course Registration and Regulations year/semester/branch/section wise Faculty Mapping, Academic-Exam Schedu Elective Registration etc. It creates Branch wise and Student wise consolidated attendance reports

Student management: Student, rejoined and readmitted student, substitut subject, student ID card and Bulk updating options are provided Certifi It creates Course-Completion/ Custodian/Transfer/Bonafide Certificates, Download/Print of Marks Memos and Employer Verification Support.

CIE/SEE Evaluation: Separate frames for registration for SEE, D-Forms, Seating-Plan. It generates Roll List, Room-Allotment, Category-wise, HT download-access, CIE Entry, Assignments, distribution and allotment of

Integrated Leave Modules: This module provides functionality for creating holidays, Various Leaves-Reports, Approvals, and ID Card Printing.

Digital Payments for both Confidential/Non Confidential assignments of controller of examinations in addition to Payroll Accounting linked for integrating exams remuneration to regular salary for identification TDS staff involved internally in the institute. Various accounts reports are integrated with proper interface among functionalities and product-code created like payment status, part payment, Journal, Ledger, TB, Custom Generation & Maintenance, and Integrated to IT forms needs which also relate to Digital-Payslips.

Biometric Attendance System(BAS) for both staff/PG students: This module captures the staff attendance through facial/FP recognition system and maintains the record of it and upload same with government/ affiliating university as when instructed.

Exclusive examination applications:

The Process of CIE is available in the website of the Institution in a detailed manner. Till the academic year 2016-17 academic regulations were defined by the affiliating university. From the academic year 2017-18 onwards, CMRIT defined its own process of CIE with the edge of autonomous status.

The college initiated the following evaluation reforms:

- The CIE is based on interaction in class, internal tests, presentations, seminars, performance in assignments and practical's.
- Implementation of Blooms Taxonomy with an emphasis on testing higher levels of cognition such as students' ability to analyze, evaluate and create.
- For theory subjects the CIE will consist of Part -A & Part-B. In Part-A five short answer questions are asked to test the students' conceptual and logical thinking skill. In Part-B, three questions with internal choice are asked for testing the ability of the students in higher order applications / synthesis / concepts. It has been implemented in the college in order to support the students for improving their performance in GATE, TSPGE, TSPSC, IES, UPSC, Bank Exams, etc.
- Students are evaluated for practical sessions continuously through day evaluation and two internal examinations in a semester.
- Introduction of OMR sheets during the examination as well as the evaluation leading to speedy declaration of results and error free operations.
- Decentralization of evaluation centers Independent operations and processing.
- Institute has ERP system for conducting and evaluating internal examinations.
- ERP helps in framing the question bank course-wise which will be useful while setting the question papers for CIE.
- The evaluation process is automated through ERP and results are made available to the students and parents through e-mode.
- The automation facility enables the stakeholders to access the results.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	www.cmritonline.ac.in

2.6 - Student Performance and Learning Outcomes

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

The Institute uploads its Vision, Mission, Core Values, Quality Policy with PEOs, POs, PSOs, Course Outcomes of all programmes both UG and PG. orientation day, the vision, mission, PEOs, PSOs, POs, course objective course outcomes are explained in general, by respective HODs and in par by all the faculty members.

Students, Parents and Visitors: The Vision, Mission, PEOs, POs, and PSC displayed at conspicuous places e.g. Corridors, HOD Room, Labs, Staff R Library, information brochure, academic regulations booklet with syllab website.

Staff: In addition to the above, faculty members state respective cours objectives and outcomes in attendance registers and course files.

Other stakeholders: Through information brochures, circulars and websit

Input from students, employers, alumni, faculty, and the Departmental a board have been used to validate the definition of our PEOs, as well as assess their achievement. PEOs are reviewed periodically to ensure that continue to reflect current industrial trends. The relevant documents a available in the department.

- Obtain suggestive Program Educational Objectives from the students
- Obtain suggestive Program Educational Objectives from the employers
- Obtain suggestive Program Educational Objectives from the alumni
- Obtain suggestive Program Educational Objectives from the faculty
- Deliberations and finalization of Program Educational Objectives by Program Assessment Committee and Department Advisory Committee
- Deliberations Program Educational Objectives by the College Academi Committee

The process of definition and assessment of the PEOs is illustrated in & Table

shown below

PROCESS OF DEFINING PEOS:

Step No Process

Step 1 Vision and Mission of the department are taken as a basis to int with various stake holders.

Step 2 Program Coordinator consults the key constituents and collects t views and

submits the views to Program Assessment Committee.

Step 3 Program Assessment Committee summarizes the collected views and expresses its opinion on the views and forwards the same to Department Advisory Board.

Step4 Department Advisory Committee deliberates on the views expressed Program Assessment Committee and recommend to college academic Committe formulate and accept PEOs.

All the programmes have clearly defined their PEOs.

- The Programme Educational Objectives, Programme Outcomes and learni outcomes are published in the College website, displayed in the departments.
- At the beginning of every academic year the outcomes are reviewed i faculty meeting to disseminate the outcomes by the faculty.

The faculty explains the outcomes expected by the students in the orien classes to make them aware of the same.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	www.cmritonline.ac.in/academics/sy

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

All the departments have clearly stated objectives and outcomes.

The Programme Educational Objectives, Programme Outcomes and learning o are uploaded in the college website and displayed in the departments.

At the beginning of every academic year the outcomes are reviewed in th faculty meeting and the same is disseminated to the faculty by the resp HOD. The faculty explains the outcomes expected by the students in the orientation classes to make them aware of the same.

Process of Attainment of outcomes:

The committee decides metrics & rubrics to be used and bench marks to b followed for each course and programme in every academic year.

Direct and indirect techniques are used to assess and understand the student individual performance in terms of course outcomes, programme outcomes programme specific outcomes for all types of courses such as theory, lab practice, drawing, micro project, mini project, main project, seminar etc.

Direct Assessment Tools

The performance of students in CIE (assignments, quiz, test) and in SEE as direct tools for analysis of data on student learning outcomes.

Every staff member is allotted with 15 students for counseling.

At the end of every semester statistics of students who have participated in professional bodies/student chapters / workshops / seminars / conferences / paper presentations / internships / industrial visit etc. is prepared and used for assessment.

Indirect Assessment Tools:

Graduate Exit Survey: It is conducted every year at the end of the programme.

Alumni feedback: Alumni feedback forms are used for collecting the feedback from the students at the time of completion of the programme and the feedback forms are analyzed and the suggestions are taken into consideration.

Employer feedback: Feedback is received from the employers to comprehend the performance of graduates.

Student feedback: It gives feedback about the course regarding content delivery and quality at the end of every semester. The data collected through direct and indirect tools are analyzed and used for determining attainment of learning outcomes.

Direct Assessment (includes CIE for 30 Marks and SEE for 70 Marks) is given a weightage of 80% and Indirect Assessment (includes surveys from different stakeholders) is given a weightage of 20%.

Abstract of Varied levels of attainment at various targets

No

Description

Targeted Performance

No. of Students 60 Nos / All Students of All Sections as registered for course. Excluding reregistration)

Actual Performance

Remarks

Course Attainment

1

Final Internal Marks (30) -CIE

60% of Students (36 Students) should Secure 60% of Internal Marks i.e., Marks

36 Students Secured 18 Marks

All Course the Outcomes in general attained & Marks Awarded or Attainme Level is 3 (Strong & High)

3M

2

External Marks (70) follow formula Marks = GP*9.50) or as given in Regul

70% of Students (42 Students) should Secure 40% of External Marks i.e., Marks

42 Students Secured 28 Marks

All the Course Outcomes in general attained & Marks Awarded or Attainme Level is 3 (Strong & High)

3M

3

Clearing of Subject or acquiring credit as mentioned

A minimum of 80% of Students (48 Students) should clear this course in f attempt (CIE+SEE) 100 Marks. i.e., 40 Marks or Pass Grade.

48 Students should secure 40 Marks/Credits/Pass GP whichever available

All the Course Outcomes in general attained & Marks Awarded or Attainme Level is 3 (Strong & High)

3M

4

Assignments

80% of Students should secure 80% of Assignment Marks i.e., 5M.

48 Students out of 60 students got 4 Marks

All Course Outcomes in general attained Marks Awarded or Attainment Lev 3 (Strong & High)

3M

- Course Attainment Level=3M(High)
- Performance in Internal & End Exams is Substantial.
- Hence all the Course Outcomes are summarily Attained
- As Direct Assessment is equal to 80% of 3 Marks i.e., 2.4 Marks
- Faculty should note that in NBA SAR respective faculty should record Gross Direct Attainment Value and should not be reduced to 80%. As an Indirect Attainment that would come from Stakeholders Surveys for various categories at institute & department level but not for a given subject in isolation.
- The gross values recorded for each course code under section 3.2.2 of eNBA portal are automatically reduced by the system to 80%.
- Indirect attainment 20% is an auto-populate in e-NBA Portal after final grand values of all survey's from all stakeholders i.e., students, alumni, parents, visitors, resource persons, employer and industry.

If any faculty members/PAC/HOD/IQAC desires to add any parameter/attainment level can be added but should ensure that overall attainment level for course should not be disturbed significantly i.e., should not move in descending order from 3 to 2, 2 to 1 and 1 to 0.

Target Levels for Mid Tests, Assignments and SEE

Examples for Assignments-1/2/Final Targets for 5 Marks:

- Target Level-1: Score 40% Total Assignment Marks i.e., 2M/5M by 100% students
- Target Level-2: Score 60% Total Assignment Marks i.e., 3M/5M by 80% students
- Target Level-3: Score 80% Total Assignment Marks i.e., 4M/5M by 60% students
- Target Level-4: Score 100% Total Assignment Marks i.e., 5M/5M by 40% students

Examples for Mid Test-1/2/Final Targets for 25 Marks:

- Target Level-1: Score 50% Total Mid Test Marks i.e., 13M/25M by 100% students i.e., 60 Students.
- Target Level-2: Score 60% Total Mid Test Marks i.e., 15M/25M by 80% students i.e., 48 Students.
- Target Level-3: Score 70% Total Mid Test Marks i.e., 18M/25M by 60% students i.e., 36 Students.
- Target Level-4: Score 80% Total Mid Test Marks i.e., 20M/25M by 40% students i.e., 24 Students.
- Target Level-5: Score 90% Total Mid Test Marks i.e., 23M/25M by 20% students i.e., 12 Students.
- Target Level-6: Score 100% Total Mid Test Marks i.e., 25M/25M by 10% students i.e., 6 Students.

- Target Level-7: Score 100% Total Mid Test Marks i.e., 25M/25M by 30% students i.e., 18 Students.
- Target Level-8: Score 100% Total Mid Test Marks i.e., 25M/25M by 50% students i.e., 30 Students.
- Target Level-9: Score 100% Total Mid Test Marks i.e., 25M/25M by 70% students i.e., 42 Students.
- Target Level-10: Score 100% Total Mid Test Marks i.e., 25M/25M by 90% students i.e., 54 Students.

Examples for End Semester Examinations(SEE) Targets for all credits & F for 100 Marks:

- Target Level-1: Score 50% Total Marks i.e., 50M/100M by 100% students 60 Students.
- Target Level-2: Score 60% Total Marks i.e., 60M/100M by 80% students 48 Students.
- Target Level-3: Score 70% Total Marks i.e., 70M/100M by 60% students 36 Students.
- Target Level-4: Score 80% Total Marks i.e., 80M/100M by 40% students 24 Students.
- Target Level-5: Score 90% Total Marks i.e., 90M/100M by 20% students 12 Students.
- Target Level-6: Score 100% Total Marks i.e., 100M/100M by 5% students 3 Students.
- Target Level-7: Score 100% Total Marks i.e., 100M/100M by 10% student 6 Students.

As the institute accredited trice and strictly adhere to the guidelines provided by NBA in attainment, achievement assessment of its PEOs, POs, and Course Outcomes by involving its stakeholders in every endeavour.

One illustration shown as attachment during that period for assessment PEO/POs/PSO/CO as per guidelines issued by NBA time to time applicable period of assessment and attainment.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	www.cmritonline.ac.in

2.6.3 - Pass Percentage of students

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

853

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	www.cmritonline

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

<http://www.cmritonline.ac.in>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined promotion of research which is uploaded on the institutional website and implemented

CMRIT provide & augment time to time all required

R&D/Labs/Incubation/Industry-Support/Projects/Software/Tie-ups with pre R&D institution facilities in addition to a proactive conducive environment to promote active-research to the best of stakeholder contributions in of institutional and societal development.

To the extent possible the institute extend financial support to both staff/students to undertake R&D activities such as projects, prototypes models, instruction material, digital content development, attending/organising internships/workshops/conferences/TTPs/SDPs/seminars/webinars/symposium & show/ presentations.

Faculty are encouraged to prepare R&D and Consultancy services, AICTE-A Schemes, EDC Funding, SERB and apply for various funding agencies. Institute motivate the staff members for higher education with necessary timely financial and academic support. Institute also provide for seed-fund to undertake any R&D activity including publications in conferences/journals national and international repute, apply for patent publications/filing/registering, writing of book chapters & reviews and books. All the R&D activities are awarded & rewarded as per institution policy. Institute extend its support in equity/intelligence participative legal/registration process in case of start-ups by the staff & students addition to write MOU with industry on behalf of entrepreneurs. The staff/students are free to choose the area of research and sponsor agencies industries. All the departments of the institute have Research Cells/Centers to carry out the R&D and extension services to outreach the surrounding professional community.

File Description	Documents
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Upload the Minutes of the Governing Council/ Syndicate/ Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	www.cmritonline
Any additional information	View File

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

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

16.75

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View
List of teachers receiving grant and details of grant received	View
Any additional information	No File Uploaded

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

1

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

3.2 - Resource Mobilization for Research

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

5059402

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

3.2.2 - Number of teachers having research projects during the year

4

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	www.cmritonline.ac.in
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

4

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	No File Uploaded
Institutional data in Prescribed format	View File

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

3

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	www.cmritonline.ac.in
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

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

The Research & Development cell integrates all the departments to facilitate the academic, sponsored-research, projects and consultancy services. The cell extends its full support to students/ staff/alumni/other-stakeholders to utilize its facilities i.e., research labs/centers, COE innovation and incubation centers to present/publish papers in the conferences/journals of national/international repute which contributes towards academic transformation, professional and career advancement. The cell associates and sponsors various innovative research & development activities such as workshops, symposiums, seminars, conferences, research publications, projects, innovations, patents and IPR in diverse fields. The R&D activities also include skill cum technology up-gradation programmes, startups, entrepreneurship and participation in various national/international competitions. The cell extends its support to start-up of new ventures in association with innovation incubation entrepreneurship cell (IIEC). The cell strives towards perfection and high-quality scientific research to take active research and contribute towards publications, patents, prototype

filing of IPR and to build research culture, to tap global potential, to strengthen the knowledge foundation and promote the creation of new applications in multi-disciplinary areas by using social innovation and rural/indigenous technology in support of Make in India and Digital India slogan of PMO and country. As a part of UBA, IIIC activities the cell a social out-reach programmes in support of education, research & innovat households/children/adults/adolescence in rural villages & hamlets. To the high quality research ambience, the R&D cell enables the staff/stud pursue research and participate in consultancy works. R&D policy states the rules & regulations pertinent to research are should be followed by individual involved in R&D activities.

Vision & Mission of R&D:

Vision: To facilitate innovative and multi-disciplinary research in collaboration with industry to meet global needs by involving the all stakeholders.

Mission: Develop an eco-system for R&D activities through effective contributions of the staff and students to actuate industry relevant innovative projects, prepare the research proposals, apply for funding agencies, publish papers, patents that leads to entrepreneurships and startups.

Objectives of R&D Cell:

- create zeal in staff/students to take-up multidisciplinary innovati research and publish papers in conferences/journals of national/international repute.
- strengthen the R&D centre and get recognition from SIRO/DST/University/DRDO.
- ink MOUs with industries, collaborate with institutions of higher l and R&D organizations.
- foster scientific temper, assure R&D quality and ethical efficacy.
- create centers of excellence in niche/thrust/emerging areas of rese
- recommend for financial assistance for various R&D activities.
- identify and inform researchers about the appropriate research opportunities announced by different academic, research, industry o government organizations.
- encourage students to undertake innovative projects and publish the in reputed journals.
- provide scope for staff/students to work on latest technologies wit industry.
- take-up testing/consultancy services in co-ordination with alumni, industry and stakeholders.

• Functions of R&D:

- prepare the annual R&D action plan along with R&D incentive policy various R&D activities/programmes.
- obtain the budget approval for various activities from finance & pl committee and GB.

- prepare a comprehensive list of funding agencies that allocate fund & D projects.
- motivate staff and students to publish papers/articles/manuscripts conferences/journals of national/ international repute and to file/ patents.
- encourage staff & students to prepare and submit R&D/AQIS/project proposals for funding by ISRO, DRDO, CSIR, DST, AICTE, UGC, MSME, H etc., within the stipulated time.
- formulate strategies for mutual benefit of stakeholders by fostering research collaborations in interdisciplinary areas of industry/govt./IITs/TBIs/professional chapters to address societal
- monitor R&D project progress of various departments through visits identify bottlenecks and propose remedial actions.
- maintain close liaison with industry and undertake sponsored projec
- organize national/international conferences/workshops/seminars/trai programs in thrust areas to enhance the professional and research s among the staff and students.
- promote self employability skills through innovation, incubation an entrepreneurship cell (IIEC).
- insist faculty members to publish their research work in WoS/Scopus indexed journals.
- maintain & update data of research, consultancy and extension activ of staff/students
- upload progress of R&D activities on the web portals of affiliating/accrediting/ranking agencies.
- constitute a review committee to adjudicate the originality & quali the publications/projects/ consultancies/patents of staff/students recommend for incentives/appreciation and suggestions for improveme
- consolidate the progress of R&D activities of all departments and s report to the Director
- allocation of funds/seed-capital to various departments and staff m to take up R&D activities to established researchers both individua also in groups.
- monitor the utilization of research funds appropriately as per sanc budget without any deviation.
- monitor the progress of R&D activities and send report in Gantt cha format to the Director.
- report on revenue generation by R&D projects/consultancies, open a separate bank account for each project and maintain all registers/r for audit by CA/IQAC/Director.
- perform any other duties as assigned by the Director time to time
- Promotion of Research:

The staff/students have free-access to R&D cell and choose the topi their interest and also can provide free guidance to seek funds fro various government organizations/industries. The institute encourag faculty, provide incentives for peer reviewed publications, consult works, writing books and filing patents. The institute takes care o complete patent filing process as per national/international IPR guidelines & policies to commercialize a product/prototype/

design/service. The R&D cell provides necessary eco-system/conduciv environment with infrastructure/expert support to staff/students to up R&D, consultancy, innovation and intellectual capital. Staff is responsible to apply for various R&D agencies through individual/institutional login and pursue their R&D projects. However institute is always ready to provide seed-capital and ample support all potential research projects which can generate revenue after commercialization of product/services.

Research at UG and PG Level:

To enhance quality research outcome, mentorship/internship shall be facilitated to encourage UG/PG students to pursue research activities leading to tangible outcomes, such as publication, process, novel, prototype, design and functionality changes. Research component is embedded in the curriculum at all levels/years of their academic/professional stay/association at the institute being a soc member in various clubs/committees/cells/chapters/associations and a student member. The staff members of the institute shall provide suitable professional/ expert guidance in all spheres of student R& activities. The UG/PG students are encouraged to take up a module/c in the ongoing research projects funded by government agencies/indu with the support of investigators. Those students who are the part funded projects should transfer know-how to other UG/PG students fo further research.

Research Centers: The institute has a number of research centers to strengthen the R&D activities, TLP, learning outcomes and employabi for UG/PG students/staff. Establish new curriculum/additional labs strengthen the research-culture in staff/students in different doma improve industry- institute-interaction.

Research Laboratories: The following research laboratories and Cent Excellence are established in the college to train the students in advanced technologies to carry out the research work.

- **Center of Excellence in Artificial Intelligence, Machine learning a Science:** Python and R are installed to implement various machine le algorithms on various data sets.
- **IoT Center of excellence:** A research lab which helps the students i developing the projects in the area of IOT and implementation of bi analytics.
- **Cloud Computing Lab:** conducts research on Cloud Computing concepts AWS.
- **Full Stack Web Development Lab:** conducts research and implement pro by the staff/students using AJAX and advanced scripting languages.
- **Internet of Things Lab:** Conducts research on advanced IoT systems a analyze the performance of the IoT devices remotely.
- **E-Yantra:** Robotic lab is established to explore and develop assisti devices.
- **VLSI Design:** The focus of this lab in the areas of VLSI design and algorithms for energy efficient high performance, power analysis an

- optimization for CMOS circuits; low power embedded systems design; design for multimedia; high-speed network and wireless applications
- **Simulation Lab:** This Lab Provides a powerful schematic capture and simulation environment that engineers, students, and professors can simulate electronic circuits and prototype PCBs. This lab shows you capture, simulate, and lay out your first design in Multisim.
 - **HFSS Lab:** to promote research using software tools in design of Microwave ranges.
 - **Lab VIEW:** This Lab gives the opportunity to the students to validate knowledge and skills Hand-on experience of work and wide exposure d study period and also create & assure new opportunities for our stu in the job market.
 - **CAD Lab (STAAD pro):** Conduct research analysis and design of struct

Seed-Capital to Student/Staff: CMRIT provides seed capital/fund und roof of R&D cell, it is a capstone activity that provides early sta funding to ideas or concepts which are yet to publish and organize to discuss on latest development relevant to the field of research/design/process. The aim of seed capital/fund is to encoura inventions/innovations to publish-patents/commercialization/new-venture/addition to exiting enterprise.

Note: Refer to R&D Policy/Organisational Manual of CMRIT, www.cmritonline.ac.in

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.cmritonline.ac.in

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

File Description	Documents
Report of the events	No File Uploa
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploa

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above
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File Description	Documents

Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check

Any additional information

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

3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	www.cmritonline.ac.in
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

0.25

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

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

102

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.cmritonline.ac.in

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

3.4.5.1 - Total number of Citations in Scopus during the year

283

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

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science -

of the University**3.4.6.1 - h-index of Scopus during the year**

12

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View I
Any additional information	No Fi Uploa

3.5 - Consultancy**3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in**

1303555

File Description	Documen
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	No 1 Uplc
List of consultants and revenue generated by them	View
Any additional information	No 1 Uplc

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

0

File Description	Docu
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	Nc Up
List of training programmes, teachers and staff trained for undertaking consultancy	Nc Up
List of facilities and staff available for undertaking consultancy	Nc Up
Any additional information	Nc Up

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

The college encourages the faculty and the students to initiate, participate and implement programmes which contribute to societal awareness. Through unit, technical clubs, environment consciousness clubs, professional societies, department associations of the institute regular camps are

organised in the nearby villages in order to create an Insight into the societal needs in the minds of the students. This motivates the student participate in social outreach programmes which would benefit the people nearby villages. It is mandatory for every department to conduct at least extension activities every year.

Some of the initiatives in this direction in general what institute undertake are mentioned below. However, due to COVID-19 restrictions the intensive activities are confined to limited beneficiaries under local government

- Awareness on child labour and primary literacy.
- Health awareness camps.
- Aids awareness camps
- Traffic awareness camps in association with law and order department
- Distribution of clay ganesh idols in view environment consciousness
- Swachh Bharath Programmes
- Haritha Haram
- Community orientation programmes
- Computer literacy programmes in surrounding schools
- Celebrating international yoga, literacy, health, women's days.
- Celebrating eminent people & freedom fighters birth anniversaries.
- Celebrating Independence day, national and regional festivals
- Sapling Plantation Programmes.
- Programmes on moral/ethical values
- Visiting old age homes, orphanages and differently abled homes to conduct various activities to
- uplift the spirit of the deprived people.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.cmritonline.ac.in

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

6

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

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

9

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

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

299

File Description	Documents
Reports of the events	View File
Any additional information	No File Uploaded

3.7 - Collaboration

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

5

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

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

18

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Institute has infrastructure facilities beyond the stipulated norms of JNTUH /UGC in terms of class rooms, tutorial halls, equipment necessary class rooms, labs, seminar halls, sports facilities, NSS facilities, li digital library, staff rooms with private cabins, HOD Rooms, central co facility, central training & placement cell, centres of excellence, R&D

centres, workshops, fully automated examination cell with Equipment to facilitate effective teaching and academic growth.

The institution comprises of sufficient number of smart class rooms with projectors, Wi-Fi connectivity, audio-visual facilities, curriculum support laboratories with advanced equipment that best fits curriculum & physics beyond requirements of affiliating bodies.

ICT enabled seminar hall(s) for each department with Wi-Fi connectivity audio-visual facilities, and one Auditorium (2000 seating capacity). The infrastructure facilities are not only beyond the stipulated norms by regulating bodies but also satisfy the functional needs of the institution. Classrooms are well-equipped with multimedia teaching aids such as LCD projectors, Public Address System, Green Boards and other supporting facilities. The Laboratory equipment is of high-end quality suitable to projects and research. Supported with 238 Mbps Wi-Fi. The colossal Library having rich books and journal collection fulfills the academic resources of the students as well as faculty members. All the supporting facilities as hostel, playground, gym, indoor games, auditorium, ATM, post office, fire-fighting equipment, campus radio, transport and dispensary are available in the campus. All campus facilities are well maintained and upgraded over time through academic and administrative heads.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.cmritonline.ac.in

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

Sports are an integral part of the curriculum and several sports facilities are provided to the students within the campus. The college is committed to create a balanced atmosphere of academic, cultural and sports activities for the overall personality development of its students. Various sports competitions help in developing team spirit in students. Their interpersonal relationship is enhanced in a very healthy manner. Students are provided honors like medals, trophies and certificates. Sprawling play grounds and an indoor game facility along with necessary equipment is available. The students' practice all throughout the year to participate in tournament inter-departmental / collegiate / university and state/national/international level. Gym, Yoga and Meditation facilities are available with modern equipment.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	www.cmritonline.ac.in,360 Degree V

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

62

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

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

0

File Description	Documents
Upload audited utilization statements	No File Uplo
Details of Expenditure, excluding salary, during the years	No File Uplo
Any additional information	No File Uplo

4.2 - Library as a Learning Resource

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

The Central Library is equipped with NewGenLib software package which is an Integrated Library Management System (ILMS) with Bar Code Scanners that supports all in-house operations of the library and accessed through the online Public Access Catalogue (OPAC) within the campus premises. Digital library is equipped with 20 PCs, CD server of 1000 CD storage, 5 CD exchangeable NPTEL videos, NDL, DELNET, e-learning resources and reference section with high speed photocopying machine. The Central Library is a great source of information where the students and the faculty immerse themselves in the world of knowledge. It has huge collection of text books, reference books, CD journals, magazines, documentaries pertaining to varied subjects such as engineering, sciences and humanities besides all departmental libraries. Library working hours from 08:00 AM to 08 PM on all working days. The Library is stacked with 49155 volumes with 11011 titles of books and about 1810 books of volumes of scientific and Technical periodicals. The Library also subscribes nearly 154 National Journals and magazines and more than 5940 e-journals. A separate reference section is maintained with Handbooks and General knowledge books. Interlibrary loan facility is available through DELNET. The Library provides the following OPAC encouraging the user to browse freely in the stack area. Central Library is equipped with NewGenLib software package which is an Integrated Library Management System (ILMS) with Bar Code Scanners that supports all in-house operations of the library and accessed through the online Public access Catalogue (OPAC) within the campus premises. A well-ventilated reading-room and reference-section with extensive reading material. GATE, GRE, TOEFL, GMAT, CAT and UPSC are also available.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.cmritonline.ac.in

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

A. Any 4 or more of the above

File Description	Docu
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View
Upload any additional information	View

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

12.40

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

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

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

450

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

4.3 - IT Infrastructure

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

The IT facilities and other learning resources are adequately available institution for academic and administrative purposes. The institution has suitable strategies and provision in budget for technology deployment, upgradation of hardware, software, internet facilities and maintenance. staff and students have access to technology and information retrieval current and relevant issues. The institution is planning to deploy cloud infrastructure with the relevant software tool implemented on the cloud access of various systems.

CMRIT is well equipped with IT facilities like 15 dedicated Servers, 16 Computers, 116 LCD Projectors, 98 Printers/ Scanners. The institution is supported with an Internet connection with 230 Mbps bandwidth catering needs of the Students and Faculty. The institution is also supported with Mbps Wi-Fi through Reliance Communications which provide the entire cam

with Wi-Fi facility. CMRIT maintains thrust on this vital area to ensure continuous and consistent availability of IT facilities in tune with the growing needs as well as changing technologies. The college places lot importance on e-learning, Media Centre etc. The institution is supported with a Media Centre where the faculty can record their lectures and provide the students with an opportunity to listen to them through the college. The e-content recording centre also caters to the needs of the student to improve their presentation and communication skills. The activities have been planned in such a way that, the IT infra-structure and associated facilities are on par with the state-of-the-art technology.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.cmritonline.ac.in

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3644	1632

File Description	Documents
Upload any additional information	View File

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

A. ≥ 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

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

A. All four of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Choice base Credit System (CBCS):https://www.cmritonline.ac.in/Academics/SYLLABUS/Examination Notifications, TimeTables, Hall Tickets:https://www.cmritonline.ac.in/Academics/Ex ACADEMIC CALEN

https://www.cmritonline.ac.in/Academics/ACADEMIC_STUDENT_I
<https://cmritautonomous.org/beeserp/Login.a> RESULTS:
<https://cmritautonomous.org/beeserp/Login.a> Innovation Ce
<https://www.cmritonline.ac.in/InnovationCe> CMRIT Journa
<http://mlnce.net/index.php/Home> Media:
<https://www.cmritonline.ac.in/Home/Media> National ServiceS
<https://www.cmritonline.ac.in/Student/NSS> Grievance:
<https://cmritonline.edugrievance.com/> EDC Cell:
<https://www.cmritonline.ac.in/Administration/> Research Ce
<https://www.cmritonline.ac.in/Administration/>

List of facilities for e-content development (Data Template)

[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

0

File Description	Documents
Audited statements of accounts	No File Uploaded
Upload any additional information	No File Uploaded

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

The campus has well established systems and procedures for regular maintenance. There are maintenance committees for Labs, Class Rooms, Se Halls, Computers, Library, Sports, House Keeping, RO Water, Water Coole Dispensers, Usage Water, Gardening, Dispensary, Furniture & Fixtures, Transportation, Canteen, Auditorium, Fire Extinguishers, etc. Some of initiatives in this direction are as given below:

Building Maintenance: Maintenance department takes care of minor electr plumbing, carpentry, welding and civil needs of the campus.

Campus keeping and Gardening: The grounds and gardens are maintained aesthetically by the gardener in the campus. Classrooms and corridors a maintained with necessary cleansings/equipment. The pest treatment is p periodically to safeguard from mosquitoes, cockroaches, rats, rodents,

Water supply: The campus equipped with RO water plant. Uninterrupted wa supply to the campus provided round the clock throughout the year.

Power supply, Electrical Maintenance: Electricians look after the daily maintenance of electrical-fittings and UPS in the buildings and campus.

is maintained the electricity board or captive generators sets all the hours. Solar Plant is situated at the top of Terrace of main Building w lighten campus since the last couple of years

Library: The requirement and library books is taken from the concerned departments through respective HODs final list is duly approved by the principal. Every year in the beginning of the session. The proper accou visitors (students and staff) on daily be maintained. The maintenance o reading room and stock verification library books is done regularly by staff.

Laboratories: Record is maintained by Lab Assistants and supervised by of the concerned departments. The equipment's used in day to day workin maintained Lab Assistants but the repair and maintenance of sophisticat equipments done by the technician of related owner enterprise/local tec is a systematic disposal of waste in all the laboratories Lift AC Maint Lifts AC machines are under AMC with provider and on call they attend maintenance.

Furniture, Transport Hostel Maintenance: Furniture and aspects college infrastructure are taken care in a scheduled manner. The staff members assigned with supervision of maintenance work transport. Upkeep all fac and cleanliness of environment in hostel maintained through Hostel moni committee.

IT infrastructure Maintenance: Maintenance and repairing of IT infrastr such as computers, internet facilities including Wi-Fi, broadband, prin scanners and projectors maintained on regular basis. Updating of softwa done by lab assistants

Sports: The sports facilities are monitored by our physical director al ensures that these facilities are made available to all the staff stude

Others: In order to keep the campus secure and safe, surveillance camer installed in several locations in the campus. Emergency transport facil are available for the staff and student. Fire extinguishers periodicall inspected and refilled/replaced.) Internet is available teaching, non-teaching staff and students during office hours.

For further information on delegation of authorities and responsibiliti through organisational manual for various standking and adhoc committee cells, clubs, chapters and departments for ready reference. www.cmritonline.ac.in

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.cmritonline.ac.in for organisational manual : various committees for all of the above

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

1982

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View
Upload any additional information	View

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

69

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

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

A. All of the above

File Description	Documents
Link to Institutional website	www.cmritonline.ac
Details of capability development and schemes	View File
Any additional information	View File

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

1645

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

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of

A. All of the above

statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

File Description	Docur
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	No Upi
Details of student grievances including sexual harassment and ragging cases	No Upi
Upload any additional information	Vie

5.2 - Student Progression

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

480

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

5.2.2 - Number of outgoing students progressing to higher education

28

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

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

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

17

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Upload

5.3 - Student Participation and Activities

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

22

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

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

The overall progress of every student is planned in a systematic way of his/her academic career. Student led clubs are constituted to build leadership skills and to bring out the innate talents and spot the student at the forefront as student extended activities. Each and every academic committee provide room for student/alumni bearers with a faculty member nominated.

Professional student chapters/associations: Student bearers run these clubs in consultation with faculty members. Some of the professional bodies have student chapters in the institute are IEEE, ISTE, IETE, CSI. Under this flagship students coordinate/conducts the technical fest, technical activities such as paper presentations, project exhibitions, Hackathons literary and cultural clubs - organize annual intra and inter collegiate besides organize various competitions on various occasions.

To enhance the communicative skills of the students, organizes ongoing activities like role plays, skits and stage performances all through the year.

To nurture the Leadership Initiatives for Noble Cause platform that exclusively works to build up leadership skills and personality development through organizing the national festivals - Independence Republic Day, International Women's Day Celebrations and World Students in the campus

Street Cause: Student Association promotes and works to meet the needs and causes the benefit of the poor and downtrodden and in awareness among the communities.

Library committee: The committee resolves the issues related to new book addition, issue timings and weekdays of books,

Sports committee: This committee is active with very good support in adding sports and games related infrastructure resulting in continuous growth overall championship

NSS committee: Students take activities such as Blood donation, Swachh Bharat Aarogya Bharath, Pulse etc.

Alumni Association: This committee organizes meeting every year committ very active in contacting and updating the progress and the help of alu make the current students aware of the latest the industry and also in placement preparation

EDC committee: This committee taking up activity to inspire budding eng towards entrepreneurs conducting interactions with entrepreneurs.

Innovation Cell : Envisaged to network people, ideas, experience and re to motivate innovation community in the college.

Hostel committee: Hostel committee decides the menu and also the qualit food

Placement committee: committee collects the database and coordinates th placement activity.

Ragging committee :The senior students form a committee and inform the action required

Transport committee: The committee discusses the routes, seating issues transport facility

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.cmritonline.ac.in

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

10

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

5.4 - Alumni Engagement

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

There is an alumni association which contributes actively to the welfar the institute. Alumni meetings are organized annually. Alumni suggestio obtained through feedback process and are considered while designing an updating the curriculum The following are the major contributions of th alumni: Periodically, illustrious and prominent alumni are invited to d motivational lectures. Alumni pave way for job/career opportunities and for higher education.

Department-wise alumnus member participates in BoS deliberations. Alumn extend their support in industry-institute interaction to fill curricular gaps. CMRIT instituted 'Best-Alumni' award for the deserving alumnus wh shall be given at Annual-Alumni-Meet.

Yes Alumni Association is registered under society registration act of Telangana state. Alumni engage actively in various day to day professional/cultural/social activities in addition to pre-arranged alu meets and BOS/AC/DAC/PAC meetings. Time to time the alumni information provided through department placement coordinators to outgoing graduate arrange both formal and informal meets to understand the level of assoc of alumni in upliftment of quality of career growth opportunities. Alum be in connect on social media too through digital platforms e.g., whats facebook, twitter, instagram, linkedin etc. Alumni helps the institute/department in guest lectures, placement, career-counseling, workshops, industry-connect, R&D, curriculum design. Alumni Association organizes alumni meet(get-together) on various occasions across world w our students residing conveniently. It is also appreciated that our man team also meet alumni and enquire about possible in respective countrie whenever they visit those countries. Till now out alumni meet went in U and Australia. We simply call it as global-alumni-connect, which help o graduates who aspire for abroad higher education/employment.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	www.cmritonline.ac.in

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision: To create world class technocrats for societal needs.

Mission: Impart global quality technical education for a better future providing appropriate learning environment through continuous improveme customization.

Quality Policy: Strive for global excellence in academics & research to satisfaction of students and stakeholders.

Educational Society under which the institution is formed : CMR Institu Technology established in the year 2005 under MGR Educational Society i

Kandlakoya village amidst lush green environs in 10 acres of land with up area measuring 24,181.72 Sq.M.

The institution aims at imparting quality education to students in Engi & Technology and Business Management. CMRIT has been consistently ranki among engineering institutions of Telangana. The effectiveness of leade in translating vision and mission of the institution Engineering educat plays a pivotal role in leading India ahead in the global knowledge eco The institution governance aims at strengthening academics towards achi calibrated improvement in quality of technical education at UG and PG 1 by building on existing strengths and exploiting the emerging opportuni The institution aims to realize its vision and mission with the support Govt. of India, Govt. of Telangana and other statutory agencies, by way infrastructural development, faculty and staff development, R & D activ and industry institute interaction. The top level management continuous interacts with the Principal to review the academic administration, res and development for the growth of the institution. Major policy decisio being taken in scheduled governing body meetings. The Principal regular interacts with all the departmental heads regarding academic activities academic calendar, students' progress, placement and training, research extension activities, industry interaction, consultancy assignments, al interaction etc.,

CMRIT facilitates participative management by involving most of the staff decision making process. The Academic and Administrative Committees of t institute function in carrying out the duties and responsibilities effectively. The Director/Principal is the Academic and Administrative Head of the College entrusted with powers to monitor the academic programs effectively and maintain standards as per the norms of affiliating University, SRAs, Local Government etc., and l also discharge other duties as assigned by the Governing Body & Trust/ Society from tim time. Dean(s), HODs, Staff of various departments are members of Academic Council. CAC & GB are the steering bodies of the institute and entrust deligate various duties and rights to various committees to discharge d day issues and make necessary policy decisions with approval of Director/Principal as the case may be and those faculty/staff members do support in monitoring academic and administrative units of the institut Heads of the Departments are well committed individual who motivates th and the students towards academic and administrative obligations and re the Principal on various activities for further guidance and advice in academic and administrative matters. Most of the faculty members are act members in several committees such as purchases, grievance redressal, l anti/ragging discipline, transport, sports, canteen, cultural, technical RD, PACs, BOS, GB, SSC, academic council, placements, alumni, faculty i recruitment selection, maintenance and many other academic administrati committees. Students and alumni are also involved in many of the committ including the IQAC so that their views are also considered in governanc all stakeholders of the Institute are involved at various levels in ass actual needs, budgetary requirements, academic standards and policy-mak progression in innovation and research.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	www.cmritonline.ac.in

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

CMRIT follows participative management in all its decision making processes in academic and administrative matters and empower many staff members through various departments HODs, ICHODs, Deans, and Incharges/Coordinators to committees/cells/units/clubs/associations of the institute in addition to the director/principal. These members discharge many functions and duties in various capacities and levels to carry out their respective duties and responsibilities effectively to reach end outcomes or results. The participative management is ensured thus, The Principal is the Academic Administrative Head of the College entrusted with powers to monitor the academic programs effectively and maintain standards as per the norms of AICTE, affiliating University and State Government. He shall also discharge such other duties assigned to him by the Chairman from time to time. Deans extend support in monitoring academic and administrative affairs. Deans, heads, senior professors and one assistant professor of various departments are members of CAC. The departmental head is a well committed individual who motivates the Staff and the students towards academic and administrative obligations. The heads of the department report to the Principal on various activities for further guidance and advise in all academic and administrative matters. Most of the faculty members are active members in several committees such as purchases, grievance redressal, library, anti-ragging & discipline, transport, sports, canteen, cultural, technical, EDC, R&D, PACs, BOS, a council, placements, alumni, faculty recruitment & selection, maintenance and many other academic & administrative committees. In few committees students are also active members.

The institution has decentralized and transparent mechanism in management and administration, financial and academic affairs. This mechanism is delegating appropriate responsibilities from the top level management to low level management allows the top management to focus on policy making and major decisions. The Governing body is the highest decision-making body which formulates/ approves rules and regulations, delegate's powers and responsibilities to various committees, Principal, and Heads of the Departments.

The Governing Body constitutes the members of the Management, Represented by the Principal and two senior most faculties. The Governing Body includes the Principal as the member secretary besides Dean Academics, Research, Academic & Administrative committees and IQAC who also participate in the highest decision making body of the institution. The Principal, who is the Governing Body, and participates along with management & faculty members in the Governing Body. The Faculties of the college are the conveners of various committees along with the student representatives, parents and alumni. The stakeholders participate in the governance of the institution.

Besides decentralization is ensured through the approvals provided by the Governing Body to the Perspective Plan and the Budget. Once the approval is given, the Heads of the Department are free to take all decisions relating to governance, academics, evaluation etc. Various committees are set up with faculty as conveners and student representatives, who take decisions on a variety of issues through committees. Thus there is participative management and decentralization of governance and power. The IQAC of the College plays a pivotal role in quality assurance, sustenance and enhancement through visioning and deployment besides review for quality assurance.

The decentralized mechanism exists even at the department levels. Every department has Program coordinators at UG and PG level to look after the activities of each program. Decisions at department levels are taken by structured committees like Department Academic committee, Program Assessment committee, Board of Studies, Department Development Committee, Class Representative Committee. HODs are invited for the Governing council meeting and the Governing council members and management interact to develop a road map for the development of the departments and the institution.

The table provided in the additional information shows the involvement of management and all the stakeholders including Head of the Departments, Faculty, Students, Alumni, employers, industry experts, educationalist, scientist, community representatives in various functional committees of the institution. This shows that the institution has decentralization of administration through committees and has participative management. A democratic approach is set up in the decision-making process, by which all stakeholders of the institution could participate in the managerial decisions.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	www.cmritonline.in

6.2 - Strategy Development and Deployment

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

The college follows a systematic process in terms of TLP, R&D, Human Resource Development, Industry Interaction, Social and Community Engagement based on instructions from the Governing Body which will be disseminated by the principal to the staff through department heads and in-charge staff. The same is used for measurement of academic performance of staff. The IQAC under the instructions of the Principal formulates and implements academic policy. The motto of the institution is to 'strive towards perfection' through progress in areas of pedagogy, R&D, infrastructure, student performance and governance. The process is driven through the Principal, HODs, faculty and supporting staff. It is deployed through academic and administrative operations that benefit all the stakeholders. The policy is revisited time to time based on stakeholder feedback. The following are some of the strategic stands of the institution.

Teaching and Learning: A detailed academic calendar is provided with instructional days, assignments, internal tests, lab examinations, semi semester end examinations schedule and commencement of next semester. T Staff members prepare a micro-plan in the beginning of every semester a adhere to it. The performance of a student in each course is evaluated a continuous internal assessment by the course teacher concerned and th semester end examinations. Both evaluations i.e., CIE and SEE will be consolidated at the end of the course in terms of percentage of marks w provision for conversion into grade points.

Research and development: The R&D Committee motivates the teachers and students to publish research papers in reputed journals and conferences in turn, helps in preparation of research project proposals to various agencies and fosters a research-culture. Staff & student are encouraged pursue research by providing them with PC, Wi-Fi, digital library, well equipped research labs and incubation centre. Faculty members are allow avail special leave to attend the seminars, research activities etc. In provides lucrative financial encouragement upto Rs.50000/- for publicat indexed journals.

Social and Community Engagement: Institute frequently conducts social development programmes such as swachh bharath, NSS activities, road saf awareness, blood donation, harithaharam, health awareness camps, digita and interacts with local community.

Human resource planning and development: Institute has mechanism of notification for regular teaching, technical and ministerial posts and conducts interviews for the same. The institution recruits faculty memb staff based on the guidelines provided by the affiliated university. Ad number of qualified teaching and supporting staff are appointed through codified procedures of open advertisement, demonstration & interview by committee. Apart from this, whenever deserving candidate approaches the institute, interviews are held and suitable position is offered. The ne recruited staff are deputed to undergo SDP to enhance the Teaching Lear Process.

Industry interaction: Faculty and students are given opportunity to int with industries, state and central government R&D organisations for bet exposure and understanding of academic gaps. Institute understands the industry and modified its curriculum accordingly through offering addit and value added courses for students. A provision is made for micro pro mini project and internship in curriculum. This process primarily help students and faculty to get enriched with industrial knowledge by strengthening the interaction with industry through In-plant training, industrial visits, projects, consultancy, value added courses, professi certification courses, guest lectures etc.

Globalisation: Institute encourages participation of both students and in international conferences, seminars, workshops, and symposiums by pr needy financial assistance. The curriculum is revised suitable to the contemporary global needs.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	www.cmritonline.a
Upload any additional information	View File

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

Organisation Manual a document has been prepared to ensure an effective functioning and efficient governance at all levels to the satisfaction of stakeholders based on core principles of good governance. The document provides information on governance of the institution along with its organization structure, functions and responsibilities of statutory bodies such as Governing Body, Academic Council, BOS, Finance & Audit Committee IQAC. The implementation of these guidelines shall lead to an effective utilization of manpower; infrastructure and facilities available in the institute and in-turn enhance the quality of education that leads to transparency and accountability in the institutional administration. So the expected benefits of these guidelines may include

- To strengthen the existing good practices
- To implement transparency at all levels of governance and administration
- To follow integrity in appointments at all levels
- To strengthen the industry-institute interaction
- To establish fair and transparent processes in internal audit and control
- To comply with rules and regulations of affiliating bodies.
- To establish strong financial audit systems & procedures for mobilization and utilization of funds.
- To involve stakeholders at all levels in academics & administration decision making processes.
- To maintain registry of interests of members of governing body.
- To achieve optimum utilization of infrastructure, resources for better output.
- To establish processes in risk management and mitigation.
- To meet the requirements of accreditations and rankings.
- To enhance the quality of teaching-learning process.
- To set up R&D centres of excellence and enhance quality of R&D and consultancy services.

- To support & strengthen student academics, training, placement, higher education and R&D.
- To improve system of feedback, self appraisal report & action taken mechanism of staff/ students.
- To create benchmarks/rubrics/attainments/achievements on par with ins of national repute.
- To accomplish the targets of the institution on time.

ORGANOGRAM: IS IN ORGANISATIONAL MANUAL

There is a paradigm shift in improvement to cater the needs of stakehol based on time to time feedback and functioning of institutional adminis setup in upkeep & upgrade campus facilities, ambience, canteen, eco environment, academic approach, student-behaviour, placements, and communication skills of the students, because of effective functioning various committees. Based on the feedback collected from various stakeh HOI refers the issues on sue motto basis to various committees to take necessary actions for academic administration. Some of the feedback initiatives are as following:

The principal regularly interacts personally with students, faculty, de parents, alumni on TLP process, infrastructure, lab maintenance, and ot related academic activities. Based on feedback received, the principal instructs the concerned HOD to initiate necessary action in the interes stakeholders. CAC reviews the stakeholders feedback collected by variou departments regarding TLP and academic facilities as this serves as a m source of information to initiate actions for the betterment of the institution. Based on stakeholder's feedback, institute decided to go f autonomous status to revamp its curriculum to suit the career needs of students and faculty members. In the academic year 2016-17, institute a for UGC-Autonomous status and achieved the same in the month of Jul-201 Based on the feedback and recommendations from employers, alumni, indus and governing body members; institute was motivated further to get its academic quality certified by NAAC. In this process institute applied f accreditation in the month of Sep-17. The management always encourages supports the involvement of the staff in the improvement of effectiveness efficiency of the institutional process. Most of the staff members are involved as representatives/members/incharges/ coordinators/ conveners academic and administrative committees such as Admissions Committee, Ac Committee, Examination Committee, Placement and Training Committee, R & Committee, Library Committee, Students Welfare and Extracurricular Acti Committee, Grievance Redressal Committee, Alumni Committee, Anti-Raggin Disciplinary Committee, Sports and Games Committee, Women Protection Ce Programme Assessment Committee, Departmental Board of Studies, Technica Clubs, Professional Associations like CSI.

File Description	Documents
Paste link to Organogram on the institution webpage	www.cmritonline.ac

Upload any additional information	View File
Paste link for additional Information	www.cmritonline.ac
6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above
File Description	Documents
ERP (Enterprise Resource Planning) Documen	View Fil
Screen shots of user interfaces	View Fil
Details of implementation of e-governance in areas of operation	View Fil
Any additional information	No File Uplo

6.3 - Faculty Empowerment Strategies

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

Institution has initiated several schemes for its staff, some of them a mentioned below:

Subsidized Transport Facility

Subsidized Canteen Facility

Group Insurance Scheme

Contribution for Employees Provident Fund

Provide concessional hospital facilities to staff and students

Maternity leave for female staff members

Vacation for staff

Incentive and on duty leave for faculty to attend workshop, FDP, Semina Conferences

Incentive and on duty leave for faculty who are doing research

Special leave provided for staff marriage

Special medical leave in needy cases

Uniform for class four employees

Blazers for teaching faculty

Yoga & sports programs

Personality development, time & stress management through cultural activities by following institutional norms

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.cmritonline.ac.in

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

31

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

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

24

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

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

412

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institution has a pre-defined mechanism for internal and external audits. Internal check & audit is a continuous process. In principle, all the r

and payments are thoroughly verified, authorized and approved at three Initially, payment indent is raised by the concerned head of the department authorized by AO and approved by Principal for payment. Depending on the priority and availability of funds, the actual payment will be made by Accounts Officer as per the prevailing rules and regulations. External is conducted annually by the chartered accountant appointed by Government

As our college is self-financing private technical education institution major sources of income is from tuition fees paid by students as fixed TSFRA governed by Government of Telangana. Institution has a practice of preparing budget every year as per the guidelines of governing body covering major heads like infrastructure, salary, labs & maintenance, computers, library, R&D and others (includes green initiatives, FDPs, Training Program Soft Skills Training, CRT, Conferences, Workshops, Travels etc.). In case of shortage of funds MGR Educational Society supports on account of recurring non-recurring expenditure. In case of delay in fee-reimbursement from the government, the same is met through a bank loan depending on the urgency of the requirement. Institute also raises funds through its consultancies, extension activities by way of organizing All India Level Competitive Examinations (AFCAT, GATE, TSPSC, APPSC, EAMCET, TSEAMCET, IBS, VIT Etc) Registration fees for organizing seminars and JNTUH Examinations. Institute optimally utilizes funds and focus on mobilizing funds from external agencies and proposing R&D Projects to state and central government.

Major sources of funding are:

- Tuition fees from students (including scholarships for reserved category)
- Grants received from private and government agencies towards Consultancies and R&D .
- TCS (Nodal Centre)
- TSPSC examinations
- Registration fee from Seminars and Conferences.
- CMRIT Endowment Fund from well wishers and alumni.
- Deficit funds if any will be in form of management contribution and loans

Major uses of funds:

- Infrastructure development
- Salaries & Incentives
- Funding R&D Activities
- Library & Digital resource additions
- Lab Equipment additions
- Maintenance of labs and office equipment
- TLP & ICT Equipment upgrade
- Computers, IT Equipment and software maintenance & upgrade
- Internet licenses, AMC & firewalls
- Building maintenance & RO Equipment and maintenance
- STP, Green cover, and campus upkeep
- Electrical equipment and furniture maintenance
- Generator maintenance and operation
- Curricular, co-curricular and extra-curricular activities

- Student professional, technical, cultural and community engagement activities
- Transportation & motor vehicles maintenance
- Examination automation activities
- Publications – Text Books, Magazines, Tutorials, Conference proceed
- Printing of lecture notes, manual, lab records, tutorial & handouts

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	www.cmritonline.ac.in

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

410000

File Description	Document
Annual statements of accounts	No 1 Uplo
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View
Any additional information	No 1 Uplo

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

As our college is self financing private technical education institutio major sources of income is from tuition fees paid by students as fixed TSFRA governed by Government of Telangana. Institution has a practice o preparing budget every year as per the guidelines of governing body cov major heads like infrastructure, salary, labs & maintenance, computers, library, R&D and others(includes green initiatives, FDPs, Training Prog Soft Skills Training, CRT, Conferences, Workshops, Travels etc.). In ca shortage of funds MGR Educational Society supports on account of recurr non-recurring expenditure. In case of delay in fee-reimbursement from t government, the same is met through a bank loan depending on the urgenc the requirement. Institute also raises funds through its consultancies, extension activities by way of organizing All India Level Competitive Examinations (AFCAT, GATE, TSPSC, APPSC, EAMCET, TSEAMCET, IBS, VIT Etc Registration fees for organizing seminars and JNTUH Examinations. Insti optimally utilizes funds and focus on mobilizing funds from external ag and proposing R&D Projects to state and central government.

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- TCS (Nodal Centre)

- TSPSC examinations
- Registration fee from Seminars and Conferences.
- CMRIT Endowment Fund from well wishers and alumni.
- Deficit funds if any will be in form of management contribution and loans

Major uses of funds:

- Infrastructure development
- Salaries & Incentives
- Funding R&D Activities & Incentives
- Library & Digital Information additions
- Equipment & Licensed Software additions
- Maintenance & automation of labs and office equipment
- TLP & ICT upgrade
- Computers and software
- Internet licenses & firewalls
- Building maintenance
- Electrical equipment and furniture maintenance
- Generator maintenance and operation
- Curricular, co-curricular and extra-curricular activities
- Transportation & motor vehicles maintenance
- Examination automation activities
- Organising National and International conferences, seminars, procee and publications
- Student professional, technical, cultural and community engagement activities
- Printing of lecture notes, manual, lab records, tutorial & hand-out

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

6.5 - Internal Quality Assurance System

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

As mentioned at the time of submitting SSR to NAAC institution committe towards TLP through ICT, eCMS (Automations of Academics & Administration career cum professional development of both staff and students in multi model to tune academics with industry.

Though impact of COVID-19 plunge in to the economy and penetrated house lives in many sectors including educational services; due to our manage team foresight and vision, institute marginally affected with that pand The tools above mentioned rescued in all aspects of academics and

administration, some of them are fully automated CIE/SEE, digital administration channels, use of modern ICT in TLP and pedagogy and increase volume of employability activities resulted in good number of placement our final year graduates. This is all possible due to institutional respect of online/digital training/learning/teaching to both staff and students. Institute crack 10000+ online MOOCs/NPTEL/EBX certification that period is a remarkable tangible achievement against its contemporaries. Which increased the learning & training levels of our stakeholders in that resulted as new advanced curriculum which meets the needs of industry. institution stakeholders got a new tremendous experience in global learning which are not even imagined in their life getting certifications from world premiere universities CMU, UCLA, UTSA, UH, UM from USA the list very exhaustive but our staff and students have registered online certification courses from various countries US, UK, Australia and experienced Global Learning Environment and Evaluation & Assessment Processes. This is all roof provided by our Governance Team with necessary licenses/tie-ups with global institutions during pandemic.

The IQAC focuses on TLP by maintaining transparency on the new technique adopted in teaching, meticulous evaluation, setting question paper follow blooms taxonomy so as to achieve & attain course level objectives & out programme level objectives & outcomes through stakeholders survey .

IQAC contributes in revising the syllabus/course structure and in address the gaps if any, through additional lectures, tutorials, remedial class seminars, assignments etc. IQAC involves staff members of all the departments in its administration. The decisions of IQAC are circulated time to time all the stakeholders. The COE prepares and circulates academic calendar comprising instructional days, test schedules, submission of answer script and marks in consultation with IQAC prior to the commencement of following semester.

- The academics and administration systems are digitally-streamlined its academic and administrative teams in association with IQAC.
- The IQAC collects feedback from stakeholders to improve the quality TLP/Pedagogy, however during the period of pandemic there is human between and amongst our stakeholders everything digitally planned in of the serious limitation looks like a weakness but institute strengthen its digital-levers in all spheres.
- The feedback on staff obtained from students has helped analyze and evaluate the performance of the staff.
- The evaluation helps to identify measures to improve the performance students/staff.
- The appraisal system helps us to route-out COs and paved way to achieve PO/PSO and set new-target levels.
- Stakeholders performance assessment helps HOI to chalk-out new front of education, research, training and development
- On the recommendations of academic experts IQAC advise department to undertake appropriate technical, professional, socio-cultural, community engagement programmes and training methodologies and to augment institutional infrastructure.

- Institution encourages faculty members to participate in FDPs/ TTPs/Refresher/Orientation Courses/Instructional Methods/Use of ICT/Interactive Learning & Teaching Methods to its staff for effect implementation of the quality assurance.
- IQAC conducts internal academic assessment twice in a semester and the same to Principal to address quality assurance issues if any.
- IQAC members actively involved in development of future plans for improvement.
- Quality assurance mechanism is developed on the guidelines of quality assurance agencies like UGC/AICTE/ NAAC/ NBA/ TSG/ JNTUH for TLP, re industry interaction, higher studies, good citizens and academic & administrative audits.

The arena is IQAC for all the activities mentioned above, the IQAC team lead through various discussions with its team of experts and HODs, Dea Professors of the institute as promised at the time of establishment of what promised by IQAC to the institution in nut shess is as detailed be

Role of IQAC in CMRIT:

IQAC of the CMRIT is committed to providing quality in all the domains campus life. It draws strategies for quality achievement, substances, a enhancement. IQAC has evolved various procedures for meeting the requir It draws strategies through Curricular Aspects, Teaching learning proce Research practice, Community engagement, HR Management, Industry Intera placements, Infrastructure Facilities, Learning Resources, Student Supp Progression, Governance, Leadership & Management operations activities. has mechanisms for ensuring implementation of all the policies, review evaluation.

IQAC formulated strategies and processes for achieving quality objectiv Some of the strategies are:

- Ensuring completion of syllabus coverage.
- Curriculum planning and implementation.
- Conducting academic audit for improving the quality of course file.
- Focusing special attention on slow learners and advanced learners.
- Ensuring students participation in extracurricular activities.
- Ensuring overall development for students and make them as successf persons in employment, entrepreneurship and higher studies.
- Establishment of incubation centers.
- Conducting Remedial Classes for weak students to improve their acad
- Tutorials
- Video lectures to enlighten the students.
- Micro teaching sessions for low performing faculty based on CRC rev and Feedback.
- E-learning is promoted through ICT, opening an NPTEL Local Chapter other learning platforms are an example for this.
- Continuous online assessment process called Hackathon is also intro for assessing the students.
- Centers of excellence are established to promote research in specif areas.

Some of the practices followed by IQAC are:

- Conducting Academic & Administrative Audit
- Improving the quality of academic temperament
- Promoting In house research projects.
- Learning beyond curriculum.
- Inculcating the spirit of Pursuing research Specialized coaching for Employment, Entrepreneurship and Higher studies

Some of them are illustrated below:

Practice -1: IQAC have taken initiative to establish the data centre that helps in recording high quality /digital quality audio and video lecture staff. This helps the students to learn the quality education and strengthen their skills without losing subject matter in this pandemic situation. are all pre-recorded video sessions though any of the students miss on schedules can replay as many number times and use by specialised login

Practice -2: Further enhancements of subject skills for staff/students are encouraged to do specialized courses on emerging technologies in course etc using online platforms.

File Description

Data Center: <http://119.235.48.114>

Coursera : <https://www.coursera.org/programs/cmr-institute-of-technology-hyderabad-nt-woy0u?currentTab=CATALOG>

edX : <https://courses.edx.org/enterprise/login>

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.cmritonline.ac.in

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

In general institute collect feedback time to time from its stakeholder improve the learning experience of both staff and students at many level metrics. But due to COVID-19 pandemic, as the whole process of TLP on d platforms, faculty and staff lost their humble human connectivity to build inter-personal relationship and to have an insight into learner's perspective. However and in general the department academic experts in association I provide suitable technical, professional, socio-cultural, community engagement programmes, training methodologies. HOD encourages the staff/students to register and complete online FDPs/ TTPs/Refresher/Orientation Courses/ Instructional Methods/Mentoring/ R&D/Advanced Certifications/Use of ICT TLP/Interactive Learning & Teaching Methods/Online-Internships cum project from global-learning-perspective with a rare experience of eminent academicians, familiar world renewed industrialists and successful

entrepreneurs. IQAC conducts internal academic assessment along with PAC respective department in general twice a semester and reports the same HOI. IQAC in association with internal & external academic and administ experts during various meets such as BOS, PAC, DAC, CAC, GB devise a st plan document which pave way for overall improvement of both stakeholde institution. Quality assurance systems and policies are build on the fo prints of UGC/AICTE/NAAC/NBA/JNTUH/ TSGOV., towards academic-administra audit, TLP, R&D Extension Services, industry interaction & MOUs, career & development, employability, innovation, incubation, entrepreneurship, Institutional-MOUs, CSR, and industry-interaction.

Being an autonomous institution, the curriculum is well-defined time to by GB, CAC, IQAC, BOS, PAC, DAC under the able-guidance of our Director However, the same reviewed by academic experts nominated by JNTUH/UGC/AICTE/TSGOV. The affiliating, regulatory, accreditation and statutory bodies are JNTUH, ACITE, UGC, NBA, NAAC, DST, MHRD and TSGOV. quality assurance procedures of the institute are framed in compliance the requirements of the affiliation and accreditation bodies. The campu supported by the ERP software as wholistic-solution measure to handle database-backbone. The institute endow all academic and administrative with necessary academic, administrative and recruitment autonomy to cat the needs of the institution in general and stakeholders in particular. faculty TLP is available on the portal through which a faculty can uplo lectures, interact with the students and perform such related works. Th institute is gradually heading towards the paperless concept by providi necessary information to all the stake holders through e-resources. The institute provides opportunity to attend, participate and organize vari FDP/TTP/Refresher or Orientation Courses on Instructional Methods & Use ICT/Interactive Learning & Teaching Methods. Internal academic audit ha in place since its inception and reports of the same are submitted to t Principal. The audit gives the feedback about the areas where there is for improvement. The university appoints FFC, a team of the experts to academic audit annually to certify the academic quality and administrat processes in various aspects as mentioned above. The institute adheres recommendations made by the committee.

IQAC in general focus on :

- Online attendance of students, performance of faculty through coord
- Teaching Aids and its effectiveness
- Adherence to time schedules and completion of topics chooses with p dialogue
- Communication of course outcomes and instructional learning outcome impact on PO/PSO
- Faculty log book with additional topics and interactive sessions
- Quality of assignments and mid-test performance of students and fac mentor feedback
- No of extra hours taken by faculty members and reasons for such ext classes
- Faculty interaction with students and suggestions for improvement

- Distribution of booklets and display of internal marks in class room notice boards for transparency

The institution reviews its teaching learning process, structures & methodologies of operations through Academic Departments. The IQAC is responsible for developing, coordinating and monitoring academic assess activities to effect improvement in student learning. All the heads of departments, deans and nominated teachers are members of the Institute Academic Committee and is chaired by the head, IQAC.

The roles and responsibilities of the committee are to

1. Plan, monitor and control the academic functioning of all the Depart
2. Introduce innovation in Teaching, Learning and Evaluation practices.
3. Recommend additional infrastructural facilities required to strength Departments in view of the changing needs of curriculum or introduction disciplines.
4. Evolve processes for conducting Academic Audit both at the Institute and at the Department level.

The Internal Quality Assurance Cell Supports the activity by involving departments of the institute, and audits the departments as a calendar activity every semester. IQAC also conducts an External Audit for the A as well administrative aspects. The institute prompts the departments t implement the recommendations of the Audit Committee.

- The IQAC also supports in anchoring the academic review activities as:
- The Academic Plan is prepared well in advance before the commenceme class work for the courses.
- Feedback is collected twice in a semester. It is communicated to Fa and Heads of the Departments and necessary measures are taken.
- Ongoing course review is done by involving students and faculty thr class Review Committee Meetings.
- Attendance registers are maintained with day-to-day outcome mapping the delivery mechanism.
- Every Faculty maintains Course files for the subjects.

The IQAC of the institute also reviews the assessment of teaching learn outcomes through

- Course end survey which is collected after a semester course for ev subject.
- Course outcome analysis for each course after completion of the sem which incorporates the input collected from course end survey also.
- Result analysis every semester.
- Program assessment for the graduating batch. The Learning outcomes program (POs) are assessed through curricular and co-curricular activities.

1. Review By IQAC On Advance Learners And Slow Learners

When admission process is complete, the Institution organizes orientati program for all the students inviting the experts of personality develo Then, the level of the students is identified based on the test conduct the students and assessment will be completed.

- The students are grouped into slow learners and advanced learners.
- The Institution has a mentoring system to help the students improve learning levels.
- For Advanced Learners, the institute identifies their learning need through various ways like classroom interactions, quiz and seminar assessment. They will also be given special coaching to take compet exams like GATE, GRE, TOFEL etc.

The following strategies are adopted for improving academic performance

- Remedial classes for weak students.
- Students are encouraged to participate in classroom interactions.
- Practical demonstrations, local field trips/industrial visits, internships/virtual-internships, social innovations/explorations la micro and mini projects are also arranged in association with HODs tea
- They are guided to work independently for conducting Seminars and t value based projects.

2. Review By IQAC On Teaching - Learning Process

- Institution will follow the evaluation process and internal assessm conduct formative assessment and summative assessment. Formative assessment includes group discussions, quiz session etc. Summative assessment includes internal examinations, external examinations, practice/lab/drawing/practical examinations in addition to internsh micro, mini main projects and practical examinations.
- In the internal assessment process, we conduct the internal examina for theory and lab topics to check the performance of the students. also allow all students to develop projects of their own interest a interest of department specialisation.
- There is a Grievance cell for students to express their opinions re to academic issues evaluation and assessment etc.
- Institution follows the academic calendar. According to that, exami will be conducted and course perspective plan are prepared to compl syllabus.
- Institute prepare institution calendar to conduct the activities to students like guest lectures, workshops, etc.
- Providing campus placements training by External/Internal experts especially to learn the emerging technologies using MOOCs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.cmritonline.ac.in

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

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	www.cmritonline.
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Since inception, CMRIT family has been addressing social & human issues around Hyderabad. The main focus was on gender equality, social rehabilitation, social-bondage, rural professional-technical-education, uplift.

CMRIT offers top-priority even in staff recruitment to women employees the departments/cells/wings/units. Luckily, female students join by cho rather chance even in B category due to the discipline, respect and belongingness that the institute had on women employees and girl studen Parents quite persistent that they want to join their wards into our institution looking into the vision of our HOI and promoters of the soc

As a part of institutional responsibility, several women empowerment programmes were organized ensuring involvement of female students/staff towards their career opportunities and their responsibility in nation building. Institute organize special/relevant programmes to motivate, stimulate, empower, enthuse, educate and to acquaint them with success of women across the globe through guest lectures, seminars, programmes, workshops. Department faculty too addresses the gender equality issues motivate girl students on their role & responsibilities in building the nation. The institution continuously draws women partnership/leadership many committees/clubs/associations of professional, social and cultural relevance. Each and every department involves their staff and students the roof of NSS Cell of CMRIT. In the current academic year due to COVI restriction, very less number of activities organized physically. Some were ECI voter awareness, Web Casting, food & clothes to orphanages, CC Vaccination camps, health camps, staff contributions of one day salary State Government and student contributions to local school children etc

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	www.cmritonline.ac.in

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

B. Any 3 of the above

File Description	Documents
Geotagged 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 a maximum of 200 words)

Solid waste management:

Institute in general follows all new rules & mandates time to time as issued by state and central government. Waste management systems are in place in institute from its inception itself. Institute segregated waste into three streams- biodegradables, dry and domestic hazardous waste all of which are properly disposed through a cart. Dust collection bins are installed throughout the campus in all conspicuous locations. Collection and disposal of sanitary waste, surgical waste is also in place in the institution. Several programmes of environmental and waste management awareness are organized. Paper waste is regularly sold to outside agency. The answer sheets are licensed purchaser. College does not produce hazardous waste. If any solid waste is found, it is destroyed under strict human supervision. There are no hazardous wastes generated in college except in laboratories like chemical and Environmental Engineering. Adequate exhaust provisions are made in laboratories to drive out acid fumes.

Liquid waste management:

Eco-friendly, viable and integrated system of liquid waste is discharged into the soak pit/septic tank or into the nearby internal streams. The waste seeps into ground water table and reduces the demands of potable source water. As the campus is in rural area, surrounded by lots of open space, rain water percolates into ground and recharges ground water table.

E-waste management:

The e-waste like computers and peripherals are disposed-off by inviting tenders from waste management organizations. Institute has a tie-up with vendors/suppliers of electronic items to buy back and upgrade. Sometimes, by paying some amount to external-agencies, the e-waste can be disposed off. Electronic and computer accessories which are declared "Obsolete" are sold

through exchange to a licensed vendor on periodical basis. College also scheme by which new equipment are purchased under buy back scheme.

Hazardous chemicals and radioactive waste management:

Hazardous chemical waste occurs only in chemistry/fuels lab which are r to an underground-tank through pipelines connected for the purpose. Onc is full it will be sent for proper treatment by local surround agencies for it.

Biomedical waste Management:

Institute does not come across any biomedical waste except at dispensar health-camps organised. In case of dispensaries and health camps total collected in sanitised bags purchased for the specific purpose or provi sponsoring organisation after the event/camp concluded the same organis collect the same and treat it accordingly. In general biomedical waste in following ways i.e., Incineration, chemical-disinfection, wet/dry th treatment, microwave irradiation, land disposal and inertization. Insti follow incineration, land-disposal, and thermal treatment.

Waste recycling system:

Water harvesting is the direct collection of rainwater seasonally. The collected rain water is protected from mixing with drainage water, chem affluent and sewage in the catchment area i.e., the ground of the colle downstream towards north-east corner of the building. Water harvesting in several ways i.e., capturing runoff from rooftops; capturing runoff local catchment area; and capturing seasonal floodwaters from local str This process helps to recharge ground water table and reduce the need f portable water. Because of the increase in groundwater levels the bores charged.

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above
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File Description	Documents
Geotagged photographs / videos of the facilities	View F
Any other relevant information	View F

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	Documer
Geotagged photos / videos of the facilities	View
Various policy documents / decisions circulated for implementation	View
Any other relevant documents	View

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

File Description	Documer
Reports on environment and energy audits submitted by the auditing agency	View
Certification by the auditing agency	View
Certificates of the awards received	View
Any other relevant information	View

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

B. Any 3 of the above

reader, scribe, soft copies of reading materials, screen reading, etc.

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

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

Institute address the above issues from its inception through faculty & student volunteers in association with local NGOs, Government, JNTUH, N RKMatt, ISKON, Satya Sai Seva Samithi SSS with fair level of philanthro a part of societal concern and awareness, several programmes were organ our students/staff on various issues covering aspects like child litera adult literacy, child marriages, child labour, bheti-bachao, nirbay, di domestic violence, swach-bharath, swachpakwada, million-tree-plantation afforestation, traffic awareness, anti-ragging, sexual harassment/women protection, capacity-building, rural waste management, health/hygiene c safe drinking water, infant mortality, farm mechanization, use of local technology, electoral importance, energy saving, impact of demonitisation computer literacy, blood donation camps, tree plantation, environmental pollutions, ban-plastic, save-animals from plastic, best out of waste awareness, digital-literacy, anti-radiation, use of bio-disposables, lo sanitary problems, use of electronic channels for payment, use of inter pulse-polio, infant-vaccination, etc. HOI made it mandatory and way of style to many of the students and staff; with this inspiration our stud started adoption of orphanage, providing elementary/primary education t adults, computer literacy to upper-primary students, mobilisation of sm volume of funds from student community for adoption of child education rural areas for one full year and providing necessary stationery, food uniform to them. Students made themselves as a discipline to meet stude orphanage every month and provide them with small gifts and exhibited s belongingness to that who-think god only behind them and rewrote the fa those who challenged socially, culturally and economically. Institute, members, student-alumni too extended their helping hand to uplift the activities of students in addition to other local NGOs. Students throug Cell to participate in several community engagement cum social awarenes programmes. HODs organize several meetings with the faculty and student undertake relevant programmes for motivating local households on their responsibilities to build and to save the nation. Many of the staff/stu involve in community engagement programme as and when possible without disturbing the academic spirit.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and	

academic activities of the Institution)

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

As a citizen of Indian it is our duty to respect the nation and to have knowledge on national identities and fundamental duties of Indian citizen. CMRIT institution is always ahead to conduct the events as part of this conducted an awareness program on constitutional obligations. For that in R20 Academic Regulations institute introduced Indian Constitution as of curriculum. Time to time institute organise several activities in the direction in association with Cyberabad-Police-Commissionerate.

India, as a country, includes individuals with different backgrounds viz. cultural, social, economic, linguistic, and ethnic diversities governed by the Constitution irrespective of caste, religion, race sex. Institute Management sensitizes the students and staff to the constitutional obligations about values, rights, duties, and responsibilities of a good citizens.

To equip students with the knowledge, skill, and values that are necessary sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community.

The students are inspired by participating in various programs on cultural traditions, values, duties, and responsibilities by inviting prominent

Institute established code of conduct to staff & students. Indian Heritage Culture, Tradition, Human Values, Professional Ethics, Personality Development, Yoga and Meditation topics in mandatory courses of curriculum. Institute Traffic Week, Disha, Safety, Drunk and Drive. NSS cell encourage students/staff Beti-Bachao, Beti-Padhao, Peace-Run, world health day, water day, clay idols, eco-friendly-environment, save energy etc. Several Guest lectures, workshops, and programmes are arranged by eminent personalities to deliver lectures on ethics, values, duties, and responsibilities and on saving the environment. Ethical Values, rights, duties, and responsibilities of citizens are some of the topics that are enlisted in elocution, debates, and poster presentation contests. India individuals with diverse backgrounds viz., cultural, social, economic, linguistic, and ethnic diversities governed and guided by the Constitution irrespective of caste, religion, race and sex. Institute recognized the of the hour to involve their stakeholder wherever possible to sensitize issues and be proactive to the society in the interest of socially and economically challenged. Institute incorporated necessary topics in its curriculum to address these issues and sensitize towards community beyond professional competency to become nation-leaders. The students, staff & stakeholders are fairly inspired to actively participate in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent personalities including government officials and experts from affiliating university. In general, institute actively involve students lead programs on environmental consciousness by way of ban-plastics, etc.

friendly environment, energy-consciousness, water and waste management and clean & green programmes in coordination with faculty members. During pandemic and local government restriction and stakeholders perceptions, programmes in this context couldn't take place but for few medicine donation health camps, vaccination, food & clothes, necessary stationery to local community, rural households and students at surrounding hamlets. Few online lectures are arranged by academic/professional experts to enrol for online courses regarding ethics, human-values, duties, responsibilities, disaster management, non-conventional-energy-sources, and eco-environment.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View
Any other relevant information	No File Uploaded

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

A. All of the above

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

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

Institute in general celebrate all traditional, cultural, historical events local, regional, national and international repute including birth-day death-day of prominent personalities in the area of science, technology engineering and management. Some of the personalities of international in the area of STEM i.e., APJ Abdul Kalam(27th July - Death Day); Ayyappa Sambasiva Rao(31st October - Death Day); Dr Ravi B Grover (31st October Death Day); Dr. Sarvepalli Radhakrishnan(5th September - Birth Day); Franklin Winslow Taylor(20th March - Birthday); Mahatma Gandhi(2nd Oct Birth Day)

30th January - Death Day) ; Unity Day(31 October) .Mokshagundam Visvesvaraya(15th September - Birthday) ; Peter Ferdinand Drucker(19th N - Birthday) ; Sir C.V.Raman(7th November - Birthday) , Albert Einstein(14 March - Birth Day) . Similarly institute celebrates Bathukamma(during Oc Dussera(Durgashtami/Vijayadasami) , Women's Day, World Health/Water/ Safety/Women/Yoga/Environment days Diwali, Christmas, Independence Day(August) , Republic Day(26th January) , Women's Day(8th March) , World Heal Day(7th April) , Safety Week(4th March) , World Water Day(22nd March) , An Day celebrations with all folks/dances/skits/mono-dialogues. Institute organise Rangoli & Traditional-week in January before Pongal(The presen made by students about their traditional festivals from various religions/culture/customs/traditions/ historical events). The list is v exhaustive many of the days are celebrated by our respective departments/institute as the case may be. However, due to COVID pandemi days went online addressing by our HOD/HOI through digital platforms ra physical events except those days where students and staff present phys to celebrate.

File Description	Docun
Annual report of the celebrations and commemorative events for during the year	Vie
Geotagged photographs of some of the events	Vie
Any other relevant information	Vie

7.2 - Best Practices

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

Best Practice-1

1. Title of the practice: "Career & Professional Advancement"

2. Objectives of the practice:

- To improve the communication, analytical and presentation skills am students.
- To improve the opportunities for student placements.
- To promote MOUs with industry.
- To prompt tie-ups with premier R&D organizations both in private an public sector.
- To participate/conduct various orientation/refresher/value-added co technical training programmes/workshops
- To participate/organise conferences/workshops/SDPs/FDPs/Seminars/Symposiums/Webinars in thr areas.
- To strengthen the professional-calibre of the faculty.
- To encourage & incubate new ideas through promoting EDC(Entrepreneu Development Cell) .
- To motivate staff/students towards R&D, Consultancy and Extension S for career growth & development

- To establish centres of excellence in various departments to augment infrastructure.
- To submit R&D and Project/Scheme proposals to different government/funding agencies.
- To encourage students/staff towards higher education programmes abroad.
- To promote indexed research publications, patents, start-ups, innovation and incubation activities.
- To establish incubation facilities with state of art technology, secure funding and address IPR issues
- To bring trends in R&D into class room discussions and motivate students to undertake projects in this direction

3. The Context:

The present mode of recruitment process involves the testing of student in the areas like analytical, verbal, presentation skills apart from the technical skills. Majority of the students being good in technical area observed lagging in the above skills because of various reasons, one among them may be their medium of instruction during their schooling. Awareness of these skills is brought about conducting various CRT activities through lectures/seminars by experts from the organization and industries. Need of the hour is for achieving engineering excellence with lateral thinking, creativity, innovation and noble thoughts to fit with contemporary global needs.

The need of the society is to develop budding engineers having research mindset, ethical values and entrepreneurship skill. Institute makes it mandatory that the students & faculty to interact with experts from R&D focus on social relevance and share the glory with other stakeholders. Continuous involvement in R&D activities will help both students and faculty members to update themselves in the areas of specialization and receive updates. R&D culture automatically improves the Teaching-Learning-Process resulting in academic excellence which in turn helps to secure admission into higher education, employment opportunities and succeed in competitive examinations.

4. The Practice:

CMRIT introduced the culture of CRT among the students from the day of admission into the course. The institute has a separate department with adequate faculty to provide training and placements to the students. It is mandatory to incorporate the CRT classes in the regular time table from the first year onwards. Signed MOU's with various firms like COIGN, TRIUMPHANT SOLUTIONS, PYRAMID, YGK Academy for providing CRT to the students and on-site based training during placements.

The following are initiatives in this direction by the institute:

- Regular staff handles language sessions, and personality development programmes (PDP) to the students.

- State of the art laboratory for training in advanced language skill has been established.
- It is paramount target before institute is to enhance research cult among staff & students.
- Encourage faculty members to register for PG/doctoral/post-doctoral programmes under QIP
- Students R&D needs are addressed through mini, micro & main project through active functional industry tie-ups.
- Students/staff are encouraged to make use of institute innovation/incubation/COE/R&D Labs for in-house projects.
- Institute extend opportunities for internships/projects/MOOCs through industry and institute tie-ups and MOUs.
- Presentation of Technical-Paper/Seminars/Project/Internship/Work-Paper/Publications before Department Committees
- Awards, rewards, incentives and token of recognitions to both staff students.
- Established Professional/Technical Associations/Chapters/Clubs to platform for R&D activities.
- Encourage alumni to actively involve and associate in students, staff department and institutional activities.
- Organise programmes on publication/professional ethics/code of conduct/discipline/IPRs/Anti-Plagiarism
- Mandates to staff/PG students to publish papers in indexed/referred journals
- Student Project Reports are subjected to bench marking (Level of similarity index should not cross 20%).
- Special incentives for R&D, Consultancy and extension services for students and staff.
- Students/Staff are provided with high level of monetary incentives participation, presentation and publication.
- Provide guidance of eminent personalities from industry/institute to contemporary flavour to R&D
- Arranges student/staff visits to surround industry and R&D community understand know-how.
- Provide necessary R&D infrastructure, start-up, incubation, innovation EDC facilities to support research activities.
- Staff and student publication are encouraged in international conferences/webinars organised by institute.
- Provides travel grants, registration and publication fee reimbursement in addition to special leave.
- Publications, Books, Book-Chapters, Editorials, Reviews fairly rewarded and awarded.
- Token of Recognition, Rewards, Awards, Special incentives are considered for further promotion and increments
- Institute sponsors long tenure FDPs, Workshops, Winter and Summer Schools of national and international repute
- Expert-Visits by Industry R&D, IITs, IIITs, DRDO, DRDL, BHEL, ISRO, JNTUH, NFC to bridge academic gaps.
- Resource Persons from MNCs like TCS, Tech-Mahindra, Wipro, Infosys, Microsoft, Dell, Deloitte, IBM etc for GLs.

- Organizes national level student technical paper presentation conte project/poster/prototype presentations
- AICTE Sponsored NGIEDC organizes various EDC programs, training and awareness camps time to time.

5. Evidence of Success:

- Increase in placement-index.
- Number of reputed companies/MNCs visiting campus increased
- CTC packages and Median increased
- Increase in number of students opted for higher education and emplo abroad and India
- Clearing the competitive exams for placements, qualifying exams for education
- Increased number of UG/PG students involved in R&D activity.
- Increased in number of Ph.D. registrations and higher education by staff
- Increased number of indexed publications by students and staff
- Increased number of proposal submissions AICTE, UGC, DST, DRDO etc.
- Increased number of sanction of proposals submitted to AICTE/DST/MHRD/DRDO.
- Recognised EDC Centre to facilitate 6-Week TBEDP of TEQIP/JNTUH/DST and other EDC Awareness Camps.
- Increased number of In-house R&D projects with real-time problem so through student/faculty exchange.
- Increased number of R&D/infrastructure/Innovation/Incubation/indust connected labs/projects/internships/R&D.
- Increased activities for professional & career advancement of both students and staff.
- Increased institutional publication-index with high impact factor a metrics.

6. Problems encountered and resources required:

- Communication skills of the students is still unresolved problem an intensified due to COVID pandemic especially with students residing rural areas due to internet connectivity and advanced equipment to modern ICT.
- Diversified and experienced faculties from various segments of the
- Industry funding, collaboration, know-how, resources to fill indust academia gaps both in R&D and TLP.
- Involvement of industry in design & support of curriculum & establi of R&D/Manufacturing Labs/Centres.
- Commercially viable and scalable R&D projects
- Voluntary association with private/government R&D/institutes/indust uplift quality of students & academics
- Lack of CSR, commitment & culture from premier institutes to suppor regional/local self-financing technical institutes.
- Voluntary international collaborations and tie-ups in conferences/seminars/workshops in the interest of stakeholders.

Best Practice-2

1. Title of the practice: "CMRIT e-Management"

"e-Management" system is one of the important academic practice adopted CMRIT, aimed to bring about total quality in engineering education and management. CMS (CMRIT Management System) focuses on coordination among institute, staff, students, parents and other stakeholders in disseminating information on time. CMS helps all the faculty members to interact with stakeholders pertaining to the information about student details, institute facilities etc. The faculty can upload the course files, e-lectures, student attendance, internal marks, student performance, calendar of events, etc.

The following are some of the features of our user-friendly e-management system:

- e-attendance system
- e-leave management system
- e-governance
- e-administration
- e-valuation
- e-assessment
- e-transparency
- e-dissemination of information
- e-feedback mechanism
- e-SMS
- e-reporting
- e-communication

2. Objectives of e-management system:

The objective of this practice is to provide e-access to all functional services of the institute and reduce time, cost & paper work. CMS provides various types of academic and administrative services, operations and ensures their accuracy in recording and information dissemination.

3. The Context:

- Effective communication among stakeholders
- Digital learning platform
- Automation of services
- Automated confidential services in examination branch
- Automated registration of courses, exams registration, download hall ticket/marksmemos/view mid test answer booklets
- SEE/CIE related services, consolidated attendance, marks, CGPA, SGP other related services
- E-payment of exams fees, condonation, revaluation, recounting, penalty and levies if any
- Centralized information system and services
- Digital valuation and assessment of both CIE/SEE
- Optimization of resources
- E-access to academic resources
- Browse e-journals, OPAC, availability & circulation books
- Training programmes
- Internship information

- Information about various events in the campus
- Placement information
- e-appointment of examiners,
- e-viva-voce examination (during COVID)
- e-learning and digital learning through MOOCs

4. The Practice:

Institute introduced the e-management system CMS to bring transparency of the reforms initiated in the administration, curriculum delivery and institution management. This became boon to the stakeholders during the 19 pandemic period and work like panacea for academic and administrative effectiveness. CMS tracks student data management systems, admission and staff details, curriculum management, e-pay system, fees management, notifications, online attendance, online examinations, e-certificates, academic calendar, digital resource, online time-table, e-progress report online course credit registration & approval, integrated library management system, placement notifications, company recruitment process, etc. CMS enriches the e-learning environment, easy data access and effective communication among stakeholders.

The following information is available in the Institute website: www.cmritonline.ac.in

- Admission information
- Details of UG/PG Programmes offered
- Detailed Academic Regulations & Syllabus
- Code of Conduct
- Period wise attendance of students
- Faculty-wise timetable
- CIE assessment marks of students
- Results of SEE
- Placement details recruiter-recruited
- Information on campus infrastructure and facilities
- Individual login for all students and staff
- Photo Gallery and 360° campus view
- e-Notice Board
- e-Circulars

5. Evidence of Success:

- Strong substitute for physical documentation and became pragmatic in style of academic administration.
- Green paperless campus
- Extensive use of ICT tools not only for day to day class work
- Dream of MOOCs cracked by 10000+ certifications by students and staff
- Automation substantially reduced manual intervention of physical record book keeping
- Minimized risk of cash transactions and custody
- Reduced waiting lines & queues before the cash counters
- e-pay slips
- e-documentation

CMS satisfies the academic and administrative needs of the institution minimizing human error and handle critical tasks intelligently. After implementing CMS, the student/staff attendance percentage has improved, feed, and accuracy experienced by instant report generation academic ta tracking.

6. Problems Encountered and Resources Required:

- Security threats
- Loss of data due to use of malware by unauthorised secondary device
- Traffic monitoring
- Data feeding & validation
- Data modification authentication and flexibility levels
- Data backup
- Compatibility with upgradation

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

CMRIT plays a distinct role in higher education especially in engineering education. The quality practices, JNTUH Permanent Affiliation, NBA Accreditation & Renewal, UGC Autonomous Status, Excellence Awards in Placements & Academics, Campus Connect Programmes, Campus Placements, Affordable Professional & Technical Education, faculty from premier institutions, doctorates and sports achievements at national/ internati level distinguishes the institution across the region and state.

- Meritorious students sought admission in to all UG/PG programmes by
- Attract good quality students is enriched TLP and good placement re
- Good governance and their contribution towards engineering & manage commendable and distinctive.
- Visionary nature of promoters group and their right direction to tr vision & mission.
- Many of our GB members are from an engineering background
- Being one of the top premier autonomous accredited institutes in th region, it is an icon for engineering education
- Highly distinctive curriculum with advanced courses
- Well designed evaluation and assessment systems for betterment of stakeholders
- Mandatory courses on environment, human values, ethics, constitutio community development disaster management
- Courses on Yoga, Meditation, physical education, stress & time mana
- Special courses on personality development, communication, career/professional growth and development

- Funded NSS wing to address community engagement and connect in asso with JNTUH & Local Government
- Institute organizes several promotional programmes for aspirants of engineering & management
- Attractive career opportunities, institutional excellence, brand im bondage with parent stakeholders.
- Committed professional-technical-education in rural area at afforda cost
- Change the fate of local community and to improve the quality of li standards of rural lives
- Cope up with social, economic, and technological changes
- Even during COVID pandemic and institute uphold its commitments tow students, staff and stakeholders.
- Withstand against global turbulence and financial forgiveness.
- Institute provides all support to those students who actively parti in national/international sports, games and athletics.
- Active in web-casting, eco-environment, women safety, haritha haram hackathon, disha, nirbhay and road safety programmes

File Description	Documents
Appropriate link in the institutional website	Nil
Any other relevant information	No File Upload

7.3.2 - Plan of action for the next academic year

CMRIT has been striving to impart exemplary education to students. The institute is approved by AICTE, UGC autonomous, permanently affiliated JNTUH, accredited by NBA and NAAC. Institute has recognised by NIRF bet 250-300 rank-band, which is one of the prestigious national level ranki institutes. Shutout from the urban hustle bustle, while ensuring easy a to the city of Hyderabad, the institution became the most sought after the many aspirants of the State. Several national surveys ranked us as Engineering College. The institute is distinct in its governance, value infrastructure, curricular aspects, TLP, R&D and support systems. Insti endowed with the following unique features:

- Proactive in endowing academic, administrative and financial autono
- Hold physical meetings of statutory boards, departments and committ record MOM.
- Improve number of companies visiting campus
- Increase number of placement training programmes
- Draw higher level of personal attention towards beneficiaries in th interest of stakeholders
- Increase in number of placements
- Increase number higher education and employment track record
- Increase number of in-house projects with proper industry linkages
- Increase number of indexed publication
- Increase number of R&D and consultancy projects and revenue generat ability

- Increase in number of MOUs with industries, professional associations and academia.
- Increase in most trendy & employability courses under the guideline AICTE/UGC/TSGOV
- Strengthen infrastructure facilities with State of art laboratories
- Strengthen EDC that lead creativity and innovative start-ups
- Strengthen facilities in incubation cell that cater the needs of multidisciplinary R&D.
- Best-in-class curriculum with necessary changes in evaluation and assessment criteria as per AICTE norms.
- Effective and increased use of ICT in TLP that generates good number of modules/e-content.
- Build strong alumni interaction which generates more number of abroad employment/education.
- Strengthen IQAC and generate funds from UGC for IQAC
- Strengthen academic administration and budgetary processes.
- NSS, professional associations and clubs to address societal needs.