



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	CMR INSTITUTE OF TECHNOLOGY
Name of the head of the Institution	Dr.Sanjay Jain
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	09972857244
Mobile no.	9845172755
Registered Email	principal@cmrit.ac.in
Alternate Email	info@cmrit.ac.in
Address	132, AECS LAYOUT KUNDANAHALLI
City/Town	Bangalore
State/UT	Karnataka
Pincode	560037
2. Institutional Status	

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	private
Name of the IQAC co-ordinator/Director	Swathi Y
Phone no/Alternate Phone no.	09900759571
Mobile no.	9900759571
Registered Email	swathi.y@cmrit.ac.in
Alternate Email	iqac@cmrit.ac.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://sites.google.com/a/cmrit.ac.in/cmrit-bengaluru-iqac-cell/aqar-2017-18
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.cmrit.ac.in/calendar-of-events/

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	A+	3.57	2017	27-Mar-2017	27-Mar-2022

6. Date of Establishment of IQAC	17-Nov-2016
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
No Data Entered/Not Applicable!!!		
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

7

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

Created COPO attainment and gap analysis template and every faculty computes attainment and measure gaps if any for their subject after the results. Feedback process was refined by analyzing the feedback more than 90 and less than 70 along with root cause and plan of actions. Top performers were identified and made to share their best practices during Midsem faculty meetings. Prepared a template for recording flip class activities like preassessment and postassessment and shared it with all faculties. Created a student transformation record book that contains the complete database of a student for mentoring students. This record is maintained throughout their BE program and hence it gives the information about how a student has transformed into a Successful Professional in four years. Created an additional calendar called an IQAC calendar which captures events related only to staff members but not directly related to students. Started with analyzing the revaluation results thereby knowing the performance.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
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IQAC calendar of events	Monitored the activities planned in the calendar there by tracking the initiatives for all the departments.
Conduct IQAC Internal Academic Audit	Conducted for all departments and identified the gaps. Based on the gaps re-audit was done and closed the gaps.
Quality enhancement programmes to students and teachers.	Conducted for all the departments
No Files Uploaded !!!	
14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	27-Feb-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	CMRIT has in place a Student Information System, an online application portal ? A login ID is provided to all the students and their parents/guardians ? The students and their parents/guardians can view online the up to date information like class attendance, Internal test scores, Class Time Table, Calendar of Events, Course Lesson plans and many more information ? The Governing body has approved and periodically reviews all the processes

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The Institution meticulously develops action plans for effective implementation of the curriculum and the highest priority is given for academics. At the outset, the Principal, heads of the departments along with Course refinement Committee conduct meetings with faculty to develop strategies for effective implementation of the curriculum. Teachers are encouraged to impart the

curriculum through innovative teaching methods including PowerPoint presentations, assignments, workshops, seminars, projects, internships, industrial visits, e-learning apart from regular/traditional chalk and talk methods. The detailed process is given below: ? The academic calendar will be followed effectively and all the faculty ensures coverage of the syllabus as per the lesson plan. Lesson plans and course files will be reviewed by CRC members continuously to ensure effective syllabus coverage. ? Faculty updates day-wise lecture activity in ERP to keep track of the progression of the curriculum effectively. ? After every internal test, the head of the department along with class teachers assess the results and inform the progress of students to parents. ICP classes will be conducted for slow learners which helps them to improve their performance in university exams. ? Institute encourages faculty and students to organize guest lectures, workshops, industry visits to build industry-academia interface among students and faculty regularly.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Infosys Campus connect training on Python and Database	NA	15/07/2019	5	Employability	Yes
Training on Advanced Auto CAD and Rivet	NA	20/06/2019	4	Employability	Yes
TYL training on R Programming	NA	01/02/2019	4	Employability	Yes
TYL training on Embedded systems and IOT	NA	01/02/2019	5	Employability	Yes
TYL training on MATLAB	NA	01/08/2018	4	Employability	Yes
TYL training on CATIA	NA	01/08/2018	4	Employability	Yes
TYL training on CIVIL-3D	NA	01/08/2018	5	Employability	Yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
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BE	Computer Science and Engineering	01/08/2018
BE	Information Science and Engineering	01/08/2018
BE	Civil Engineering	01/08/2018
BE	Electronics and Communication Engineering	01/08/2018
BE	Telecommunication Engineering	01/08/2018
BE	Electrical and Electronics Engineering	01/08/2018
BE	Mechanical Engineering	01/08/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	1150	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained
<p>Feedback is being obtained in ERP to evaluate the performance of the faculty inside the class room by his/her students twice during each semester, first one before IAT1 and end sem feedback before IAT3. After the feedback the results are analysed by HODs for more than 90 and less than 70 and corrective and preventive actions are initiated to overcome any flaw/s indicated by the said feedback. Faculties with more than 90 feedback and result were asked to present their best practices during orientation programs and mid-semester meetings. Appreciation letters were given to these faculty Also feedbacks are obtained from alumni towards their possible contribution to curriculum development</p>

/curriculum enrichment, to support our students in employment and creating an awareness of expectations of the industry. The obtained feedback is analysed and corrective actions are implemented subsequently.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	3763	421	243	31	274

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
No Data Entered/Not Applicable !!!					
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Professional counsellor is available on every Friday in the campus and he will visit the departments and interact with students during the semester. A batch of twenty students is assigned to one faculty member who would be officiating as a mentor. Once the students take admission to our institution he/she would have a faculty-mentor assigned and they will be the mentor till he/she passed out. Every student will be counselled at least three times by the faculty -mentor every semester. Issues which can be resolved at the faculty level would be taken care of and those beyond their capability will be referred to the counsellor for resolutions. Mentors will record the student details along with attendance and internal performance in student transformation record. This record contains the complete database of a student for mentoring students. This record is maintained throughout their BE programme and hence it gives the information about how a student has transformed into a Successful Professional in four years.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4184	274	1:15.2

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned	No. of filled positions	Vacant positions	Positions filled during	No. of faculty with
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positions			the current year	Ph.D
268	274	0	48	73

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
View File				

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Continuous Internal Evaluation is conducted during the semester 3 times along with components of tests, assignments, seminars, and quiz and mini-projects. Complete performance data of the student is made available in ERP which is accessible to both students and parents. 1. For the purposes of conducting IAT, courses having IDENTICAL syllabus across departments will be identified as a single course. For such a course, all Course Instructors (CI-s) within and across departments have been identified and clubbed together as CI-s for that specific course. 2. All CI-s clubbed under one course must coordinate among themselves, decide the syllabus specific to each of the three IAT-s and communicate clearly and explicitly to their respective class students. Also, the syllabus pertaining to each IAT for each subject must be mailed to the respective student groups. 3. All QP-s are to be prepared using the header template made available separately. Questions are mapped to individual course outcomes and blooms levels as per the template. 4. CI-s are responsible for correctness and quality of the questions framed, they should ensure proper mapping of POs and blooms level to all the questions. 5. Evaluation of IAT blue books must be undertaken ONLY after, and not until, preparing the scheme of evaluation with solutions. 6. After the Blue Books of a particular section are evaluated, there will be a MODERATION applicable to every CI.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

An academic calendar is prepared by the IQAC at the beginning of odd and even semester. This includes the academic activities at the college level and departmental industry connect activities. The draft calendar is sent to all HOD's , initiative heads and all the suggestions which are given by them is incorporated before releasing the calendar to all departments by the principal. All the internal assessment tests are conducted centrally as per the academic calendar. Initial and end sem feedback is administered as per the schedule. All other college activities and departmental activities will be updated in the calendar. In case of any eventuality/emergency a particular event may be rescheduled with the permission of the head of the institution

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.cmrit.ac.in/computer-science-engineering/>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://sites.google.com/a/cmrit.ac.in/cmrit-bengaluru-igac-cell/aqar-2017-18>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Idea Sci-Techathon	MCA	06/03/2019
Symposium on Energy Harvesting	BS	12/12/2018
Workshop on Geographical indication (GI)	IE Cell	15/12/2018
CMRIT project day	IE Cell	05/09/2018
Training session on innovation and grant proposal to IE faculty and students	IE Cell	31/07/2018
Awareness session on Entrepreneurship innovation to students	IE Cell	01/08/2018
Innovation Entrepreneurship opportunities in India	IE Cell	10/11/2018
Training on grants	IE Cell	26/10/2018

funding opportunity to students		
Research paper writing	IE Cell	31/01/2019
Design thinking	IE Cell	25/02/2019
One day workshop on recycling of flex banners	IE Cell	13/04/2018
Infosys Campus connect training on Python and Database	CSE	25/11/2018

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
View File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
2	3	

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Electronics and Communication Engg	2

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
View File			

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
UG PG	65
No file uploaded.	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						

[View File](#)

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
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No Data Entered/Not Applicable !!!

[View File](#)

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
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No Data Entered/Not Applicable !!!

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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
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No Data Entered/Not Applicable !!!

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
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No Data Entered/Not Applicable !!!

[View File](#)

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
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No Data Entered/Not Applicable !!!

[View File](#)

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
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No Data Entered/Not Applicable !!!

[View File](#)

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/	Duration From	Duration To	Participant
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		industry /research lab with contact details			
No Data Entered/Not Applicable !!!					
View File					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
20000000	15015223

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
No Data Entered/Not Applicable !!!	
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
KOHA	Fully	19.11	2019

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
View File			

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth	Others
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								h (MBPS/ GBPS)	
Existing	1623	1108	100	70	120	25	300	100	0
Added	51	30	25	0	0	0	21	25	0
Total	1674	1138	125	70	120	25	321	125	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

125 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
e-Yantra online TBT tasks execution	https://youtu.be/tphsmJ5nZtA
TYL Python Programming	https://youtu.be/Ka3mMJdeOhc

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
8000000	7490328	5000000	4993552

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

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

cmrit.ac.in

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
No Data Entered/Not Applicable !!!			
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
No Data Entered/Not Applicable !!!					
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
13	13	2

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
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No Data Entered/Not Applicable !!!

[View File](#)

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

1. Students of CMR Institute of Technology celebrated their Ethnic Day, "AHIMAYA" held on March 9, 2019. 2. As part of pre-CULTURA events CUL-WEEK was celebrated with multiple events which included PHOTOWALK 2K19, Wear Your Mood Monday, Twinning Tuesday, Formal Wednesday, Black and White Thursday, 18th to 21st Mar 2019. 4. In the light of the birth-day of Sardar Vallabhbai Patel, the Student Council of CMRIT and NSS organized a walkathon on the 31st Of October. 4. The Student Council of CMRIT collected supplies to help flood-hit Kodagu and Kerala. Materials donated toward this cause included Soap, Toothbrush, Toothpaste, Towels, Medicines, Dettol, Basic First Aid Kits, Packed foods, Sanitary Pads, Candles, Match box, Torches , School Stationery for kids and also monetary help for relief fund. 5. NSS Unit of CMRIT in association with TEDx CMRIT as well as Students council of CMRIT organised a Midnight marathon event RUN FOR THE BRAVE on 8th March 2019 in honour of our Indian soldiers, by donating 50 of proceeds to bharatkeveer.gov.in

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Contributed as resource persons in various guest lectures, judges for hackathons etc.

5.4.2 – No. of enrolled Alumni:

6845

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

1. Alumni's meeting was held on Saturday, 23rd March 2019. The event provides an opportunity to alumni to interact with the juniors and guide them in various aspects, the event witnessed around 250 alumni participants. 2. Alumni interacted with all fellow students to discuss about the challengers and expectations of industry and also served as alumni evaluator's in judging the

teams for Hackathons. 3. Mr.Utsav, Ms.Aishwarya Murali, Mr. Kapil Sastry, Mr. Vishal Kumar Singh, Ms.Sri Harshitha, Mr.Abraar Syeed, Mr. Umanga and Ms.Anusha Prabhu served as alumni evaluator's in judging the teams for Hackathons. 4. Served as resource persons for various guest lectures, club activities and workshops.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The institution promotes participative management through periodic meetings with stakeholders. Various committees at institutional levels and departmental levels are responsible for planning and executing many operational procedures in the institution. Every employee at all levels has an opportunity to contribute his/her innovative ideas leading to improved processes and hence higher quality results.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	The selection and admission of students to Undergraduate, Post-graduate, Doctoral programmes are done as per the norms of AICTE, VTU
Industry Interaction / Collaboration	Guest lectures, workshops, industry visits were organized every week by industry experts for students. • Various MOUs have been set up to provide internship, training to faculty and students etc.
Human Resource Management	Qualified, committed experienced faculty and staff members serve in this institute • Teaching technical support staff are recruited as per the guidelines of AICTE / UGC, VTU State government • Office staffs are recruited as per the state government regulations • The student - teacher ratio is maintained as per the AICTE guidelines • Adequate support staff are provided for each department • The processes ensure that the professional needs of the students are fulfilled • Promotion policy is framed as per AICTE / UGC State government rules regulations • Promotion is given to all deserving candidates as per the regulations of the institute, which is in strict accordance with regulatory bodies
Library, ICT and Physical	All the class rooms are provided with

<p>Infrastructure / Instrumentation</p>	<p>LCD Projectors and Internet to facilitate the faculty to make effective course delivery</p>
<p>Research and Development</p>	<p>A separate Research committee is set up at the college level with a designated conveyor and members from all the departments. The committee plays the following role</p> <ul style="list-style-type: none"> • Encourage faculty to submit their research proposals to funding agencies. Efforts are being taken to obtain research projects, grants from funding agencies. • Providing monetary incentives to the staff and students for presenting research papers in State. International, National level Seminar and Symposium. • Encouraging faculty to enhance their qualification [Ph.D., programme] • Display the expertise domains among faculty and students. Identify interested faculty and students who can work on different domains • Encourage faculty and students to publish their research outcomes in conferences with financial assistance and reward individual (or group) whose outcomes have published in reputed journals • Review the research proposals to be submitted to funding agencies as well as to CMRIT, and review the progress of projects sanctioned
<p>Examination and Evaluation</p>	<p>As per University rules regulations, University Examinations Evaluation work is done. 20 weightage given to internal evaluation and 80 weightage given to external evaluation.</p> <ul style="list-style-type: none"> • Implementation of mapping of Programme Outcomes and Course Outcomes to the Questions in CIE and SEE and thereby calculating their attainments online • Use of Bloom's Taxonomy for developing effective test items
<p>Teaching and Learning</p>	<p>Below activities are made mandatory as part of our teaching learning process by all the faculty and students.</p> <ol style="list-style-type: none"> 1. MOOC courses: To enhance teaching and knowledge of the faculties and students, one MOOC course per faculty member and student per semester is proposed and implemented. 2. Mini - Projects: ? Every semester students are encouraged to undertake short projects under the guidance of faculty. Depending on the complexity students has to do 1-3 mini projects. 3. Flip Classes: ? Flip-classroom for one

subject-equivalent or combination of different chapters from various subjects are planned by the faculty along with video lectures. 4. Industry connect activities: ? Guest lectures, workshops, industry visits were organized every week by industry experts for students. 5. New pedagogies: Also made a mandatory requirement for all faculty members to be proficient in: ? Using new pedagogical tools for all the programmes as and when made available ? Pedagogy/OBE through workshops being conducted at CMRIT in every semester 6. Introducing 'self-study' in UG/PG curriculum and making use of online courses (NPTEL)

Curriculum Development

OBE is implemented in the curriculum, across all the departments and for all the courses. • The scheme of teaching is uniform for all the UG/PG courses in the institute • More emphasis on lab-work, self-study and mini projects in each programme. • Providing training on value added programs and Add-on courses of industry relevance. • Encouraged students to register for various technological related certification courses and MOOC.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Student Admission and Support	The institution has an ERP system for managing all the processes including admissions, placement, staff welfare, Teaching-learning, student performance and progression. Students and faculties can login with their login IDs and check their IAT performance, attendance and other details.
Examination	The institution in collaboration with VTU has adapted online transactions for all the processes like registering of students with VTU for semester end exam, obtaining admission tickets generated on VTU website and downloading question papers for SEE. Even appointment of examiners for practical examination has been computerized. Mandated by VTU, the institution has installed web cameras to monitor the conduct of examinations in various blocks.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
View File						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
View File				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
274	274	64	64

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
28	10	25

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The institution has established a system to audit all the financial transactions by both internal auditors and auditors of external agency. The books of accounts and the supporting evidences are subjected to both internal and external audit. The internal audit practices to monitor financial management of the institution ensure sound financial health of the institution. The internal audit is carried out to take care of the requirements specified and laid out by GC on monthly basis. The external audit is carried out biannually. The last external audit has been concluded up to 31st March, 2019 and the internal audit has been concluded up to 30th September, 2019.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		
View File		

6.4.3 – Total corpus fund generated

132000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		Yes	IQAC
Administrative	No		Yes	IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

• Parent meet will be conducted every semester and feedback will be taken for improvement • Parents suggest the ways and means for the development of the college during parents meeting. • Departments conduct parent-teacher meet two times during the semester to present the status of their ward. • Guest Lectures are conducted through parents working in reputed companies, public sectors etc.

6.5.3 – Development programmes for support staff (at least three)

• Encouraged to do higher studies in our college or outside • Training programmes are regularly conducted to improve their skills • Personality development program

6.5.4 – Post Accreditation initiative(s) (mention at least three)

IQAC Calendar RCPIE Workload CMRIT cell/committees

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
View File					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male

Women's day	08/03/2019	08/03/2019	145	152
Women's Health care	09/03/2019	09/03/2019	95	0
Counselling adolescent youth	21/09/2019	21/09/2019	311	377
Effective communication	07/08/2019	07/08/2019	144	139

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

1. Guest lecture on Harnessing Renewable energy resources 2. Field visit to Vinayaka Energy tech (Wind mill / Solar devices manufacturer)

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	2
Scribes for examination	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
No Data Entered/Not Applicable !!!							
View File							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Mahatma Gandhi Birth Centenary	02/10/2019	02/10/2019	45
No file uploaded.			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Cleanliness 2.No Plastic campaign 3.Sapling plantation 4.Rainwater Harvesting 5.E-Waste and Hazardous Waste Segregation

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1 : Village Adaption A Report on Outstanding achievement by means of institutional level intervention for societal development in nearby areas
Part-I : Abstract CMR Institute of Technology (CMRIT) is a pioneer institute in Bangalore with its curriculum tailored to teach the students real world skills

and make them problem solvers. The institute emphasizes on collective growth through creation and dissemination of knowledge. The student communities within CMRIT act as a platform that provides an opportunity for young men and women to enhance the knowledge and skills that will assist them in personal development, to address the physical and social needs of their communities. The student communities actively take part in the brainstorming of solutions to the countless problems faced by the rural areas. The institute has always encouraged and supported a collaborative atmosphere that give rise to technological and social innovations. Part-II : Detailed Report 1. Introduction CMR Institute of Technology identified Marasandra village, Bagalur, Bangalore Rural district as a part of our University Social Responsibility (USR) mission.

CMRIT has taken up this initiative to help the village around the area of education, healthcare, agriculture, energy, environment, and others, through various schemes and seminars. 2. Focused Area Below are the focused areas and the possible activities that can be carried out as part of Village adaptation. CMRIT has successfully lent a helping hand to the villagers of Marasandra and concentrating in the following areas: • Assisting in organizing socially benefiting events for the villagers • To look after the over-all development i.e. improving the cleanliness and hygiene standards of the village • To provide skills in the improvement of education and technical skills • Introduction of innovative technological solutions to improve the quality of life of villagers • Organize health check-ups with the help of medical experts.

3. Approach to the Problem: As a first step started with the visit to Marasandra Village on 12th October 2018 as mentioned below. Faculty and student coordinators of CMRIT left to the GRAM PANCHAYAT PRESIDENT'S house. A healthy discussion over the present scenario of the remote village took place. We were told that the Govt. school building collapsed a few months ago and the school was shut for about 5 years. There were issues related the street lights, roads, cattle sheds etc. The people of the village gave us a lot of attention and love. The village is at a very remote place, were the transportation facilities are good but not the roads. The people whoever could afford to buy cows on loans also went to work as daily wagers. There was a very good source of water, but improvement in the pipelines and drainage was necessary. There was lack of literacy as passing grade 10 was considered like holding a degree. .

Implementation Undertaken: Below two steps have been undertaken: 1. Inauguration of Village adoption and Surveying of Marasandra village DATE TIME: 27th October 2018, 8:30am-2pm, NO.OF.ATTENDEES:130 DESCRIPTION The main agenda for the day was to complete surveying in all the 220 houses that were part of Marsandra. After arriving at the site, the team leads were made to identify the boundary lines for their respective grids. The Memorandum of Understanding (MoU) was signed between CMRIT and Marsandra village. Shortly after, the principal along with vice-principal and the chairman of the village addressed the crowd and applauded the students for taking up such a task. Briefly after that, the students moved on to surveying activity and it was completed in 2 hours. After all the 12 teams completed the tasks assigned to them, departure plans were initiated. Prof. Sharmila (Head, EEC cell) along with Prof. Girish(Rotaract) and Prof. Naresh(NSS) came together to achieve the initiative along with the respective student heads Rtr.Aarathi,Rtr.Sophia and Kausheesh. SUMMARY The enthusiastic and hopeful crowd of 125 students (60 students from NSS, 60 students from Rotaract and 25 students from Innovation club) and faculty departed from the CMRIT campus at 8:30AM.The 90 minute journey till Marsandra was filled with excitement and hopefulness on the task ahead. The team of students and faculty arrived around 10AM at the village centre. With the guidance of Prof. Naresh, the 12 grids were identified and noted by all the 12 team leads. Soon after, the MoU was signed between Marsandra village and CMRIT with the village chairman and the Principal as representatives for both the parties. The principal Dr.Sanjay Jain and the vice- principal Prof. B.Narasimha Murthy addressed the joint crowd of students, teachers and

villagers sharing their encouragement and support for the initiative. At 10:45AM, the teams made, moved on to the task assigned and conducted survey in the allocated grids using the village household survey that was prepared beforehand. A few students filled the village survey form taking help and inputs from the ex-chairman Mr Hemanathappa, of the village. Within 2 hours, at 12:45PM the task assigned was completed and all the teams reported back to their club heads at the starting points. During lunch, the experiences and reports were exchanged, shared and compared. After lunch, departure arrangements were made and after exchanging their goodbyes with the villagers, the volunteers left to return to the city. The overall experience was a benefitting and heart-warming experience for everyone that was involved

Best Practice-2: Student Transformation record

- One of the major initiatives taken by CMRIT for mentoring the students is Student Transformation Record book which contains the complete database of a student.
- This record is maintained by mentors and it contains Student Profile, TYL Scorecard, Career Counselling Worksheet, Affiliated Clubs, Affiliated Professional Bodies, Events attended, MOOC record, Mini Projects, Participation in Sports and other cultural activities, Results and Arrear Records.
- This record is maintained throughout their BE programme and hence it gives the information about how a student has transformed into a Successful Professional in four years.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://sites.google.com/a/cmrit.ac.in/cmrit-bengaluru-igac-cell/aqar-2017-18>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Faculty members from CMRIT have a choice in participating in the following core activities as part of their workload. a) Teaching and Lab conduction b) Research Paper publication c) Consultancy d) Funded Projects e) Innovation f) Entrepreneurship Activities b) to f) would henceforth be termed as RCPIE activities. Furthermore, each faculty can choose the amount of contribution, in step of 25, under each of the above heads. For instance, a faculty can opt for 50 teaching, 25 in Research Paper Publication and 25 consultancy. The total contribution should add up to 100. • The targets for 100 workload for each RCPIE activity would be fixed annually and the targets for each faculty would be computed proportional to the percentage of contribution he/she has opted for per activity.

Provide the weblink of the institution

<https://sites.google.com/a/cmrit.ac.in/cmrit-bengaluru-igac-cell/aqar-2017-18>

8.Future Plans of Actions for Next Academic Year

Organizing International conference IQAC CO_PO certification test to all faculty