



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution	
	Dr. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY
• Name of the Head of the institution	Dr. Govindasamy P
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	04259236030
• Alternate phone No.	04259236040
• Mobile No. (Principal)	9842304203
• Registered e-mail ID (Principal)	principal@drmcet.ac.in
• Address	Dr.Mahalingam College of Engineering and Technology,
• City/Town	Coimbatore
• State/UT	Tamil Nadu
• Pin Code	642003
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	23/03/2011
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the IQAC Co-ordinator/Director	Dr. Kannapiran B				
• Phone No.	04259236030				
• Mobile No:	09443545160				
• IQAC e-mail ID	iqac@drmcet.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://mcet.in/?page_id=3583				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://drmcet.ac.in/academic-calendar/				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.61	2013	05/01/2013	04/01/2018
Cycle 2	A++	3.53	2018	16/08/2018	15/08/2023
6.Date of Establishment of IQAC			05/06/2012		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Mechanical	ATAL online FDP Grant	AICTE, NEW DELHI	10/08/2022	93000
Mechanical	MSME idea hackathon 2.0	MSME idea hackathon 2.0	01/07/2023	575000
Automobile	EDII - Taark Equipments Pvt Ltd	EDII - Taark Equipments Pvt Ltd	27/02/2023	321000
Electronics and Communication Engineering	Chief Ministers Research Grant	Government of Tamil nadu Higher Education	18/05/2023	13980000

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	
---	---------------------------	--

9.No. of IQAC meetings held during the year

4

<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
--	-----

<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
--	------------------

10. Did IQAC receive funding from any funding agency to support its activities during the year?

No

<ul style="list-style-type: none"> If yes, mention the amount 	
--	--

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

Bench marking all the process with targets and rubrics

NAAC Cycle 3 SSR submission

Under PARAMARSH scheme, our institution served as mentor institute for 6 mentee institutions. Among 6, two institutions got NAAC accreditation with A+ grade and one institution got B+ grade.

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
NBA for IT, CSE, ECE, EEE. Mechanical	NBA accredited for IT, CSE, ECE, EEE. Mechanical
Anna University Affiliation process	The details for Anna University affiliation were submitted and the affiliation order was received
AICTE Approval process	Extension of Approval was received from AICTE
Submission of Mandatory Disclosure	Mandatory disclosure of MCET was uploaded in college website as per the new format prescribed by AICTE
Number of Class Committee Meetings per class per academic year - planned 6	Number of Class Committee Meetings per class per academic year - conducted 6
Number of Board of Studies Meetings per department per academic year - planned 2	Number of Board of Studies Meetings per department per academic year - conducted 2
NIRF 2022 Ranking	Participated in NIRF 2022
Process Audit for Academic and Administrative Activities by External Members - AY 2021-22	Process Audit was conducted for Academic and Administrative Activities by External Members - AY 2021-22 on 01.10.2022
Course Content Audit for I, II and III year B.E, B.Tech - AY 2021-22	Course Content Audit was conducted for I, II and III year B.E, B.Tech - AY 2021-22 on 17.09.2022 & 29.10.2022
UGC External Peer Review Audit for AY 2021-22	UGC External Peer Review Audit for AY 2021-22 was conducted on 01.10.2022 by External member

To conduct Orientation Session on "Targets for Academic, Research, Extension activities and Assessment metrics"	Orientation Session was conducted by IQAC on "Targets for Academic, Research, Extension activities and Assessment metrics" during 4th to 6th January 2023.				
IIQA and SSR submission for NAAC Cycle 3	IIQA and SSR submitted for NAAC Cycle 3				
13. Was the AQAR placed before the statutory body?	Yes				
<ul style="list-style-type: none"> Name of the statutory body 					
<table border="1"> <thead> <tr> <th>Name of the statutory body</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td>Governing council Meeting</td> <td>04/03/2023</td> </tr> </tbody> </table>		Name of the statutory body	Date of meeting(s)	Governing council Meeting	04/03/2023
Name of the statutory body	Date of meeting(s)				
Governing council Meeting	04/03/2023				
14. Was the institutional data submitted to AISHE ?	Yes				
<ul style="list-style-type: none"> Year 					
<table border="1"> <thead> <tr> <th>Year</th> <th>Date of Submission</th> </tr> </thead> <tbody> <tr> <td>2022</td> <td>10/12/2022</td> </tr> </tbody> </table>		Year	Date of Submission	2022	10/12/2022
Year	Date of Submission				
2022	10/12/2022				
15. Multidisciplinary / interdisciplinary					
<p>The curriculum is evolved based on the requirements; the current offerings are benchmarked against the statutory requirements. The regulations of the programs of the institution have been so designed to implement Choice Based Credit System (CBCS). Professional electives and open electives are offered in the curriculum that enables the students to specialize towards specific requirements and in emerging areas. To inculcate multidisciplinary knowledge to students, open elective courses are offered by various department from V semester to VII semesters of curriculum. Further the institute has made the curriculum and syllabi relevant to emerging areas and industry needs using the Outcome Based Education (OBE) model. It maintains enough flexibility to offer skills that are of immediate need of industries. Open electives were offered and students are allowed to choose courses from Multidisciplinary</p>					

programmes. Multidisciplinary projects are encouraged. Example: BHAGA project was done by interdisciplinary students in one project.

16.Academic bank of credits (ABC):

Academic Bank of Credits has been established on the lines of the National Academic Depository (NAD), in the sense, NAD is the backbone of ABC, where the students' academic data are held and academic awards are stored (i.e. storehouse of academic awards). Despite the fact that ABC enables students to register or commence credit transfer, the final outcomes of credit redemption and issuance of certificates, as well as the compilation of award records, are administered by academic institutions via the NAD Platform. Our students are encouraged to register in NAD since 2019.

17.Skill development:

The curriculum is so designed to enhance the professional skill attributes of students, as per the recommendation of AICTE, Professional skills courses were introduced in align with the graduate attributes specified by NBA. To enhance the practical skill for students and to familiar with latest developments in industry, one credit courses were also introduced. Students are encouraged to go for Internship / skill development training by 2 -2/4 - 8 /16 weeks scheme to learn about various practices followed in industry. In addition to that skill development training programs are also offered by Centre of Excellence and also by department to inculcate practical skill for students. The centre for innovation, Business Incubation and Entrepreneurship helps to inculcate students' confidence for converting their idea into commercially successful models. Faculty members and mentors support students in completion of prototype model and commercially viable product. Further the curriculum and syllabi is well designed to address the challenges of emerging areas and also accomplish the requirements of industry using the Outcome Based Education (OBE) model.

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

The institute has designed and developed the Professional Skills courses that focus broadly on ethical and morality responsibility; importance of relationships, reaching out to people and physical, mental and social wellbeing. These courses have been designed with the help of domain experts and are being offered to all students at various semesters.

The PS courses are:

1. Wellness for Students
2. Universal Human Values 2: Understanding Harmony
3. Teamness and interpersonal skills
4. Campus to Corporate

The courses are offered through initial orientation workshops and followed by weekly review classes for self-reflection of students on what they have learned and applied.

Teaching in Indian Language and its culture based courses offered in curriculum of all programmes

1. ?????????? /Heritage of Tamils
2. ?????????? ?????????????????? / Tamils and Technology

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

The institution has adopted the outcome based educational model. All the programs of the institution design, develop and implement curricula based on the model. Inputs from all key stakeholders of the institution are collected using periodic surveys. These inputs address local, national, regional and global developmental needs. Graduate attributes prescribed by Washington accord are considered in the program outcomes (POs) and program specific outcomes (PSOs). Courses under various categories as recommended by statutory bodies such as AICTE and the affiliating university, Anna University are included in the curriculum. The courses are selected such that cumulatively they will be able to address the POs and PSOs of the respective program. Courses and activities are designed, developed and implemented to address the requirements of POs and PSOs. The relevance is also checked using course articulation and program articulation matrices. Course outcomes are further developed into the enabling outcomes and deployed in the teaching learning process of the institution. Lesson plans indicate the delivery based on the enabling outcomes. Hence the curricula, teaching learning process and its outputs are made relevant to local, national, regional and global developmental needs.

20.Distance education/online education:

Dr. Mahalingam College of Engineering and Technology, Pollachi-642003 is an autonomous Institution affiliated to Anna University Chennai. And the institute offer programmes in the field of Engineering and Technology. So Distance education/online education for technical courses are inappropriate.

Extended Profile

1.Programme	
1.1	10
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1	3482
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	View File
2.2	917
Number of outgoing / final year students during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.3	3501
Number of students who appeared for the examinations conducted by the institution during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1	552
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2	271
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File
3.3 Number of sanctioned posts for the year:	271
4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	383
4.2 Total number of Classrooms and Seminar halls	76
4.3 Total number of computers on campus for academic purposes	1951
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	2556.27
Part B	
CURRICULAR ASPECTS	
1.1 - Curriculum Design and Development	
1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.	
<p>The curricula developed and implemented are designed to address local, national, regional, and global needs, as reflected in the Program Outcomes, Program Specific Outcomes, and Course Outcomes of the programs. The process of curriculum development and course design incorporates feedback from various stakeholders, including academicians, alumni, employers, and industrial experts, ensuring relevance to local, regional, national, and global developmental needs. The curriculum design adheres to the guidelines of the National Education Policy. Additionally, the programs offer several unique courses, such as Ability Enhancement courses and Skill Development Courses. The designed curricula undergo recommendation</p>	

by the Programme Assessment Committee and the Board of Studies, and are subsequently approved by the Academic Council. The inclusion of project components, internships, and skill development courses provides opportunities to engage in experiential learning in industries and societies. Courses fostering entrepreneurship development contribute to uplifting the socioeconomic status of the youth in the region. Furthermore, the Institution offers courses aimed at orienting students to participate in initiatives like the Make-in-India Mission and Digital India Mission, with courses including Python, JAVA, Data Science, AI&ML and Cyber Security. The implementation of Outcome-Based Education ensures that our graduating engineers meet graduate attributes defined by the National Board of Accreditation.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	https://drmcet.ac.in/curriculum-and-syllabus/

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

15

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

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

126

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

1.2 - Academic Flexibility

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

126

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

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

21

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

The institute ensures the integration of cross-cutting issues relevant to Professional Ethics, Gender, Environment and

Sustainability, and Human Values into the curriculum of its programs. Students gain practical experience in Professional Ethics through dedicated courses. The Women Empowerment Cell and Yuvasakthi Welfare Association aim to create awareness of women's rights and provide a platform for sharing experiences and views regarding their issues and gender equality. The induction program, a mandatory non-credit course offered to all first-year students, includes orientation on Universal Human Values and environmental studies. Understanding Harmony, a three-credit course offered to all second-year undergraduate students, focuses on harmony within oneself, with family, society, and nature. A one-credit course on environmental science is also included in the curriculum. Both students and faculty are involved in green auditing of the campus. Various events such as Water Conservation Week and Energy Conservation Week are also organized annually to sensitize the campus to sustainable development strategies. The institute offers 20 clubs and 10 chapters, including NSS and NCC, for students to join based on their interests to support social causes and raise awareness related to gender and sustainable living issues. In-house counsellors and faculty mentors provide issue-based solutions for those in need.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

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

47

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

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

2249

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

1.3.4 - Number of students undertaking field work/projects/ internships / student projects**1964**

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

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is 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	https://drmcet.ac.in/coedownload/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

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

File Description	Documents
Provide URL for stakeholders' feedback report	https://drmcet.ac.in/coedownload/
Any additional information	No File Uploaded

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****919**

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 per the reservation policy during the year (exclusive of supernumerary seats)**1147**

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 both slow and advanced learners.

The institution employs a comprehensive and continuous assessment system to gauge the learning levels of students across various disciplines. The assessment system incorporates diverse assessment tools such as mini projects, seminars, case studies, quizzes and practical assessments. This holistic approach enables faculty members to gain an understanding of each student's strengths and areas that require improvement. For slow learners, the special classes are aimed at providing additional support and personalized attention after every continuous comprehensive evaluation test. Faculty members work closely with slow learners to identify specific areas requiring improvement and to develop targeted intervention strategies. These interventions include additional special class sessions, mentorship, and the use of technology-enhanced learning tools to cater to various learning styles. Fast learners benefit from enriched curricula, and flexible coursework. Learners can opt for online courses offered by NPTEL-Swayam. The Centers of Excellence equip learners with cutting-edge skills encompassing both hardware and software domains, providing industry exposure. Both

slow and fast learners are encouraged to participate in extra and co-curricular activities, clubs, and events that complement their academic pursuits. To bridge the disparity between the academic proficiency of first-year students and those entering through lateral entry, the institution offers structured bridge courses.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drmcet.ac.in/centre-of-excellence/

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/06/2023	3482	271

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

The institution places a strong emphasis on experiential learning, recognizing its significance in shaping industry-ready graduates. The integration of theory and lab reinforces academic concepts and enhances the hands-on learning experience. A key component contributing to experiential learning is the structured internship program during summer vacations at the end of the second and third years. This hands-on exposure to real-world industry practices helps in preparing students for their future career. In addition to that, eighth-semester internship and skill development initiatives further reinforce classroom learning, ensuring that students are well-equipped with practical skills. Internship/Skill Development is provided with 6 credits in the curriculum to render emphasis on experiential learning. Cocurricular activities, including workshops, seminars, club activities, and value-added courses, are actively encouraged. Participation in hackathons and project contests provides platforms to apply theoretical knowledge to practical situations, fostering critical thinking and problem-solving skills. Mini projects, case studies, and tutorial papers in the curriculum

contribute to enhancing problem-solving abilities. To address the industry gap, one-credit courses focusing on new technologies are offered, ensuring that students stay updated with the latest advancements. Professional electives align with career interests, while open electives provide flexibility for exploration beyond the core curriculum, fostering individualized learning paths. Aptitude and soft skills training are integrated into the skill development, enhances students' problem-solving skills and employability.

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

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

The faculty members use a variety of ICT tools, such as multimedia presentations, interactive simulations, online educational platforms, and collaborative learning tools, to accommodate diverse learning styles and engage students effectively. This approach enhances the effectiveness of teaching and learning processes. The introduction of Saturday Online Classes was designed to provide students with an additional opportunity for interactive learning and skill development beyond the regular academic schedule. Course materials, Videos are uploaded in MS teams. The primary goal is to enhance the overall learning experience by integrating technology into our pedagogical approach. Faculty members undergo regular training sessions to stay updated on emerging technologies and effective pedagogical strategies, ensuring they harness the full potential of ICT tools in delivering quality education. The use of technology not only facilitates effective content delivery but also promotes interactive and participatory learning experiences, fostering critical thinking and problem-solving skills among students.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://mcet.in/naac/c2/2.3/2.3.2/2.3.2 Letter Proof.pdf
Upload any additional information	No File Uploaded

2.3.3 - Ratio of students to mentor for academic and other related issues**2.3.3.1 - Number of mentors**

271

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

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

The institute operates with a well-structured academic calendar that includes activities like semester commencements, Internal assessments, end-semester examinations, the last working day, and significant college events. This comprehensive calendar undergoes approval processes before being published on the college website, providing students with a roadmap for their learning journey throughout the semester. In cases of exceptional circumstances, calendar revisions are made, duly approved, and promptly communicated. Prior to the commencement of the semester, department heads conduct meetings with their respective faculty members, facilitating the allocation of courses. Following the course allotment, course coordinators prepare detailed lesson plans well in advance of the academic session. These plans include information such as the course code, course name, course type, course outcomes, and a schedule aligned with the timetable. To ensure adherence to the planned curriculum, the progress of course coverage is monitored through Chief Course Coordinators and by the respective Heads of Departments. Any deviations from the initial plan are addressed through clarification sessions with the faculty involved. In cases where additional support is necessary, special classes are organized based on requirements. The Teaching Learning Centre acts as a bridge, taking care of the academic process and ensuring coordination across various activities.

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

2.4 - Teacher Profile and Quality

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

271

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	No File Uploaded
Any additional information	No File Uploaded

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

73

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

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

1718

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

2.5 - Evaluation Process and Reforms**2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year**

36

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

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

32

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

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

The institution has in-house IT tools and third-party IT tool for the management of the entire examination system starts from course registration and ends with publication of results. The processes and procedures of the examination system are documented, reviewed by committees, and approved by competent authority. Improvements in processes and procedure are periodically introduced and approved by statutory bodies. The institution follows a continuous comprehensive evaluation system with absolute grading and CGPA based reporting of student performance. The institution has implemented relative grading from the 2021 batch onwards. The IT tool is used in the management of course registration, attendance recording, entry of marks and calculation of internal marks, CO wise attainment calculations, collection and reporting of faculty feedback. The IT tool supports the automatic question paper generation for the Continuous Internal Assessment (CIA) of selective courses, processing of end semester results, publication of results and the archiving of marks and grades. Co-creation of question papers, using experts for assessments are some of the important practices. The institution is also well equipped to conduct proctored examinations.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://coeerp.mcet.in/

2.6 - Student Performance and Learning Outcomes

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

The development of Program Outcomes (POs) is carried out in alignment with the graduate attributes outlined by the National Board of Accreditation (NBA). Program Specific Outcomes (PSOs) offer a structured framework to ensure that students not only acquire subject-specific knowledge but also cultivate essential competencies crucial for success in their chosen field. For every course within the curriculum, Course Outcomes (COs) are established to achieve both POs and PSOs. The number of COs varies based on the course type, with a typical three-credit theory course encompassing approximately five course outcomes. The systematic approach to articulating POs, PSOs, and COs is led by the Board of Studies in each department and subsequently ratified by the academic council. These outcomes are prominently documented in the curriculum and syllabus book of respective departments and are readily accessible on the institution's website. Moreover, the teaching strategy is detailed in the course content and sessions, explicitly outlining all relevant outcomes addressed throughout the course deployment. Lesson Plans provide a comprehensive account of how these outcomes are interconnected and systematically addressed during the instructional sessions and assessments. In addition to the website, POs and PSOs are made available in classrooms, department libraries, and laboratories.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://mcet.in/naac/c2/2.6/2.6.1/2.6.1_Letter_Proof.pdf

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

All academic programmes outline their Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) within the curriculum and syllabus book. To facilitate clear understanding and alignment, Programme Articulation Matrices and Course Articulation Matrices are developed for all programmes. The teaching-learning methodologies and assessment strategies, including tests, quizzes, projects, etc., are intricately aligned with these specified outcomes. Assessment questions are strategically crafted at various Bloom's levels, ensuring a comprehensive evaluation that aligns with the intended outcomes. The marks scored by individual students in each question across various assessments are recorded wherever feasible. This data becomes instrumental in calculating course-wise CO attainment. Both direct and indirect assessment methods are employed at both the course and programme levels, contributing to a thorough understanding of attainments. The correlation between CO attainment and its impact on PO and PSO attainment is achieved through mapping in the Course and Programme Articulation Matrices. A well-defined Quality System Manual outlines the steps and procedures to be followed in this comprehensive assessment process. To facilitate clear reporting and analysis, a four-level Likert's scale is utilized. Targets for course and program attainment scores are established and regularly monitored, allowing for periodic assessment and corrective actions as needed.

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

2.6.3 - Pass Percentage of students

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

917

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

2.7 - Student Satisfaction Survey

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

<https://drmcet.ac.in/wp-content/uploads/2024/04/2.7.1.-Student-Satisfaction-Survey-AY2022-2023-V1.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

At MCET, a strong commitment to fostering research, innovation, consultancy, and extension activities is evident through various support services and facilities. Led by the Dean of Research and Innovation, an exclusive office spearheads initiatives such as paper publications, project proposals, and interdisciplinary forums, while disseminating information on funding schemes. Well-defined policies incentives faculty members for research outputs and participation in conferences. Financial backing aids faculty attendance at events and provides seed funding for research projects. Additionally, substantial support is extended to students for innovative endeavors and hackathons.

The institution has 20 Centers of Excellence in collaboration with industries, offering advanced training and research opportunities. Numerous industry partnerships facilitate industry-driven research, supported by state-of-the-art equipment from renowned companies. Continuous faculty training through various programs ensures high-quality research and consultancy services. Moreover, the Center for Innovation, Business Incubation, and Entrepreneurship (CIBIE) nurtures entrepreneurial aspirations among students, alumni, and external graduates. Accessible state-of-the-art research equipment

and subscriptions to international journals further enrich the research environment. INFLIBNET's E-Consortium services augment research accessibility, exemplifying MCET's dedication to promoting comprehensive research, innovation, consultancy, and extension activities. Through these comprehensive measures, MCET consistently promotes and supports a culture of impactful research and innovation.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://drmcet.ac.in/research-promotion-policy/
Any additional information	No File Uploaded

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

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

4.63

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

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

32

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
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)

208.455

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

3.2.2 - Number of teachers having research projects during the year

16

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://drmcet.ac.in/wp-content/uploads/2024/01/In-house-RD.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

48

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

9

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://drmcet.ac.in/wp-content/uploads/2024/01/External-Funded-projects.pdf
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.

MCET has established a robust ecosystem of research, entrepreneurship, community engagement, and incubation, with the Centre for Innovation Business Incubation and Entrepreneurship (CIBIE) playing a pivotal role since its inception in 2015. CIBIE provides essential facilities like workspace, conference rooms, and IT infrastructure, fostering innovation-driven entrepreneurship

Through collaborations with Entrepreneurship Development Forums like TNSI and Forge Accelerator, CIBIE facilitates idea-pitching courses, nurturing students' professional development. To date, CIBIE has supported 14 start-up firms, spanning technology-based solutions in diverse domains such as Software as a Service, agriculture-based software applications, and product innovations.

Two Agri Tech startups, led by alumni and local entrepreneurs, secured grants from EDII-TN under the Innovation Voucher Programme to develop prototypes. Notable projects include Multi-rotor Tractor Rotavator, Automatic Jeevamirtham preparation Machine, and Coconut dehusker and fibre separation Unit. "Stark Tech," one of MCET's

student-led startups, focuses on drone development for water resource cleaning

CIBIE actively organizes programs and meetings to bolster the entrepreneurship ecosystem and raise awareness on campus. Exceptional student ideas receive mentorship, guiding them towards prototyping and eventual incubation, fostering a culture of innovation and entrepreneurship at MCET.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drmcet.ac.in/cibie/

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

42

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

3.4 - Research Publications and Awards

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

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year**3.4.2.1 - Number of PhD students registered during the year**

10

File Description	Documents
URL to the research page on HEI website	https://drmcet.ac.in/research-centres-supervisors/
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

128

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

25

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

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed**3.4.5.1 - Total number of Citations in Scopus during the year**

12328

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

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

49

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

3.5 - Consultancy

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

39.59

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

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

39.59

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

3.6 - Extension Activities

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

MCET fosters social responsibility among students through various outreach programs under schemes like NSS, NCC, Unnat Bharath Abhiyan, Sakthi PURA, clubs, and NIA Skill Foundation initiatives. Activities range from blood donation drives, medical camps, and tree plantations to voter ID registrations, skill development trainings, and financial education awareness.

These endeavours have a significant impact on students, fostering holistic development and shaping them into responsible citizens. Through active participation, students become more compassionate and gain awareness on critical issues such as blood donation, road safety, tree plantation, health check-up, and women empowerment. By engaging in these initiatives, students not only contribute to society but also develop essential life skills and values, preparing them to be proactive members of their communities.

Furthermore, MCET's contributions to various societal causes, including patient welfare, sports competitions, park maintenance, women's up-liftment, and support to government schools, demonstrate the institution's commitment to social welfare and community development. Overall, these efforts create a positive impact on both students and the broader society, fostering a culture of service and civic engagement within the MCET community.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drmcet.ac.in/unnat-bharat-abhiyan/

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

18

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

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

49

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

5048

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/ student exchange/ internship/ on-the-job training/ project work

23

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

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

9

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institution has 68 classrooms with LCD, Wi-Fi/LAN, and 8 air-conditioned seminar halls. Well-designed with proper seating, lighting, and ventilation, they offer conducive learning environments. Laboratories feature modern equipment and safety measures for experiments and research. Collaborating with industries, 20 centers of excellence provide students and staff with practical industry insights and projects.

A central library stocks 65,210 books, Pearson e-books, e-journals (IEEE-192, Springer-445), and print journals (International-96, National-96, General Magazine-10). Additionally, it offers CDs/DVDs and access to DELNET, INFLIBNET-NLIST and NDLI, supported by 300 Mbps internet connectivity with remote access facility.

The Center for Innovation, Business Incubation (CIBIE), and Entrepreneurship fosters student innovation and startup opportunities. Transportation services maintain 41 vehicles, while

on-campus amenities include a dispensary, bank, cafeterias, ATM, and post office.

Outstanding sports facilities include an indoor stadium (3000 seats), outdoor fields, and courts for various sports. The hostel, with separate accommodations for men and women, hosts 1122 and 600 students respectively. It offers single, double, and multi-member rooms, with modern amenities including mess, internet, medical facilities, laundry, and guidance from resident proctors and hostel administration. Students have the freedom to create diverse menus, allowing for a range of options based on their preferences and dietary needs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mcet.in/naac/c4/4.1/4.1.1/Additional_Information/MCET_infra_handbook_2023_2024.pdf

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

CULTURAL ACTIVITIES

The institution prioritizes cultural diversity and artistic expression. The Centenary Centre Auditorium, with a 3000-person capacity, hosts cultural and mega events. Modern Audio Visual equipment and seating arrangements make it an ideal platform for performing arts, music concerts, dance performances, and theatrical productions. Annual cultural festivals showcase student talents and cultural experiences. The Fine Arts Club and Muthamizh Manram organize cultural activities, promoting relaxation and interpersonal skills.

YOGA CENTRE

Dedicated to mental and physical wellness, yoga centre offers a serene space for yoga, meditation, and mindfulness exercises. Trained instructors guide students through postures, breathing techniques, and relaxation practices. Encouraging a mind-body connection, the centre provides a peaceful haven for relaxation, focus, and improved health. As part of the SIP program, first-year students visit Arivuthirukkoil after a two-day orientation on

wellness.

SPORTS AND GAMES FACILITIES

With a 12.5-acre playground, the college offers outdoor sports like athletics, cricket, hockey, football, tennis, volleyball, and basketball. An indoor stadium caters to badminton, table tennis, chess, and carom. A full-time physical director ensures continuous upgradation of facilities and participation in intercollegiate competitions, including Anna University Zonal events.

GYM & FITNESS CENTRE

Promoting physical fitness, our well-equipped gymnasium supervised by qualified instructors offers modern exercise machines and weights. Accessible to all students, it encourages regular exercise routines for maintaining physical fitness.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://drmcet.ac.in/physical-education/facilities-2/

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

76

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

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

1140.55

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

4.2 - Library as a Learning Resource

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

The college with a well-equipped library in improving the quality of education and learning for our students. MCET has established an Integrated Library Management System (ILMS) with AUTOLIB advanced integrated Library automation management software (The Advanced Edition V7.1.2 in Java platform) to ensure that the library has the latest technology and resources.

The ILMS has transformed the library into a modern, fully automated facility that provides access to a vast collection of books, journals, e-books, and other online resources. The system enables the management of the library's operations efficiently, including cataloging, acquisition, circulation, and inventory control. It also provides a user-friendly interface that allows students and faculty members to browse and search for resources seamlessly.

1. Online Catalog
2. Circulation Management
3. Digital Resources
4. Inventory Management
5. Reporting and Analytics

In its entirety, the ILMS has made it possible to upgrade the library into a modern, effective, and user-friendly space that provides a large array of materials and services to teachers and students. MCET has been able to improve the community's learning environment overall by streamlining library operations, increasing access to materials, and managing the collection more efficiently

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drmcet.ac.in/library/

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

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

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

21.3

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

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

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

724

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

4.3 - IT Infrastructure

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

The institution has totally 1951 computers which are connected through network and entire campus backbone network is connected through fiber optic cable. LAN connectivity is provided for the all computers. Cisco ASR 1001X router is deployed as a gateway for wired LAN. Computer is provided with static IP address & it's allocated and managed by ITeS division. Campus is connected through internet leased line from Reliance JIO with 300Mbps.

FortiGate240D firewall is deployed for security purpose for protecting campus wired LAN. The campus internet traffic is monitored through an analyzer for detecting network traffic. End points are protected with K7 antivirus. Internet is providing to end nodes with content filtering.

The FortiGate 600F firewall is deployed for security purpose for protecting campus WiFi network. The WiFi traffic is monitored through an FAZ-150G analyzer for detecting WiFi traffic. Cisco C9500-24Y4C-A switch is deployed as a core switch for WiFi network. Jaze access manager is used for authenticate users on the network and enforce identity-based policies. Individual user credentials are given to students, faculty and guest. All IPs are monitored by firewall. Wi-Fi Facilities are available in the campus

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3482	1951

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the A. 50 Mbps

Institution and the number of students on campus

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

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

A. All four of the above

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

4.4 - Maintenance of Campus Infrastructure

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

1397.53

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

MCET has implemented robust systems for the preservation and optimal utilization of physical, academic, and support facilities, encompassing laboratories, libraries, sports complexes, computers, and classrooms.

LABORATORY MAINTENANCE

Lab equipment undergoes periodic maintenance, managed either in-house or by suppliers during the warranty period. Strict safety protocols are followed, including safety equipment provision and regular training. Schedules, equipment allocation, and faculty coordination ensure efficient utilization. A yearly stock verification committee is proposed.

LIBRARY MAINTENANCE

The central library follows a systematic process for resource acquisition, cataloging, and organization. Regular assessments ensure the collection meets academic needs. The library is well-maintained with cleaning, shelving, and preservation activities. Yearly stock verification is recommended.

COMPUTER AND ACCESSORIES MAINTENANCE

A dedicated ITES team manages computer and networking maintenance, including periodic updates and breakdown resolution. An efficient process for issue rectification is in place.

CIVIL MAINTENANCE

Daily maintenance, cleanliness, and breakage reporting are overseen by the housekeeping team. Fire extinguisher maintenance is outsourced, and the RO plant and water purifiers are maintained by AMC.

ELECTRICAL MAINTENANCE

The electrical engineer handles power supply, generators, and repairs. Regular maintenance and timely issue resolution are ensured. A yearly stock verification committee is proposed. Additionally, 24x7 teams are available on-campus for immediate assistance.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support**5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year****1515**

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year**31**

File Description	Documents
Upload any additional information	No File Uploaded
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	Nil
Details of capability development and schemes	View File
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year**1706**

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

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

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

5.2 - Student Progression

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

527

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

25

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

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

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

22

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

5.3 - Student Participation and Activities

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

8

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

Students' Guild of Services (SGS) is an active student council instituted by the students, for the students and of the students that works to ensure that every student acquires the finest conceivable college experience.

SGS is built every year with a new-fangled team headed by the President. The selection process is grounded on applicant's performances in two rounds of Face-to-Face interview with senior faculty team and admin team. SGS with 20+ students stand for their community and as a sole representation to the management. It transforms student opinions into events that promote the overall growth of the institution.

SGS provides input to the development of policies and services that support students. The team meets the management on necessity basis to discuss and seek constructive solutions and relay it to the students. In a nutshell, it improves student input and disseminates initiatives derived from students' feedback. Student Induction Program, first year inauguration, inter & intra collegiate events, technical symposium and cultural events are taken care by SGS.

The Student Research Council (SRC) is another student organization, partially run by students with the support of the SRC Coordinator and faculty advisor. SRC helps in students' research enrichment by engaging students in various research environment

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drmcet.ac.in/student-guild-of-service-sgs/

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

12

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

5.4 - Alumni Engagement

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

MCET Alumni Association (MCETAA) was inaugurated on 26th January

2003 and registered under Tamil Nadu Societies Registration Act, 1975. Since its inception it has been active in promoting interactions and camaraderie among the alumni, students and the management. Aound 15000+ alumni have registered through alumni website www.alumni.mcet.in and act as real ambassadors for the institution. The mentorship program established with the title MCET One links alumni.

The campus chapter serves as a node Centre for alumni association operating in various locations and is actively engaged in creating amiable rapport with the alumni bearers. Distinguished alumni from private, civil services, research, entrepreneur and social services are identified and awarded. Every year on Annual Day, a notable alumnus or alumna is recognized for their significant contribution to MCETAA. On continuous pace, alumni voluntarily consent to be resource person in Program Assessment Committee, Board of Studies, Higher Study Awareness Program, Student Induction Program, etc. Knowledge and networking of alumni help the students to get placed. One credit courses & open electives have been designed based on the consolidated alumni feedback. Consistent meetings and interactions are organized by MCETAA with a prime vision to support the institution and students community.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	http://www.alumni.mcet.in/

5.4.2 - Alumni's financial contribution during the year

A. ? 15 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 the vision and mission of the Institution

Vision

We develop globally competitive workforce and entrepreneurs.

Mission

Dr. Mahalingam College of Engineering and Technology, Pollachi endeavours to impart high quality, competency based technical education in Engineering and Technology to the younger generation with the required skills and abilities to face the challenging needs of the industry around the globe. This institution is also striving hard to attain a unique status in the international level by means of infrastructure, state-of-the-art computer facilities and techniques.

To ensure the realization of the vision through mission, various committees are constituted as per the recommendation of statutory bodies. These committees are composed of key stakeholders such as nominees from statutory bodies, academicians, industry experts, faculty, support staff and students. The members meet periodically for ensuring quality education, and transparency in effective utilization of resources. Faculty members are being a part of these decision making bodies and are working towards the implementation of the decisions. The following are few prominent bodies functioning in the Institution.

1. Governing Council
2. Academic Council
3. Board of Studies
4. Autonomous Finance Committee
5. Result passing board
6. Programme Assessment Committee
7. Planning and Monitoring board
8. Anti-Ragging Committee
9. Internal Quality Assurance Cell
10. Grievance Redressal Committee

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://drmcet.ac.in/committees/

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

The institution follows decentralized and participative management in various spheres. Decentralized management is practiced by following an organizational structure wherein the administration

team consists of the Secretary, Principal, Deans and Heads of Departments.

The HoD is responsible for all the academic affairs of the department and activities related to Curriculum development, R & D, Consultancy and Infrastructure planning. Within each academic department, the tasks are decentralized and are taken care of by various coordinators such as:

- Programme Coordinator
- Teaching-learning Process Coordinator
- Placement and Training Coordinator
- Research and Innovation Coordinator
- Infrastructure Coordinator
- Exam cell Coordinator

MCET has adopted participative management by establishing the Student body - Student Guild of Service (SGS). SGS acts as an interface between the student body and the College administration. Every year a new team consisting of a President, Secretary and 12 members to represent areas including curricular, co-curricular and sports activities are selected. SGS conducts periodic meetings with class representatives to understand the issues related to student life in MCET. They meet with management and identify possible solutions for the identified issues and relay them back to the students. Most of the college functions and the annual technical symposium are planned, organized and managed by SGS.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

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

The strategic plan guides the functioning of the institution and ensures academic excellence. Industry Interaction has been identified as one of the priority areas in the strategic plan for 2022-27 with the measures as memoranda of understanding and

consultancy.

Active collaboration with industry has been adopted for curriculum development and course delivery (particularly one-credit courses), student projects and consultancy. Several centers of excellence have been set up in collaboration with industry to train both teachers and students in the latest industry technologies. As a step to further strengthen industry partnerships, during the 2022-23 academic year, MCET signed a MoU with WEN-Wadhvani Entrepreneur's Network. This MoU aims to empower and activate students with knowledge and skills to create high-potential startups by showing them why, when and how to create a startup through case-study based education. Also MCET signed a MoU with TN Apex Skill Development Centre for Logistics, Chennai. This aims to deliver complete Supply Chain and Logistics related skills using state of the art advanced cutting edge technologies. In addition to it, MoU with Virtusa focuses to improve the quality of education for the students through the training of faculty members.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://mcet.in/wp-content/uploads/IQAC/2022/Strategicplan/MCET_Strategic_Plan.pdf
Upload any additional information	No File Uploaded

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

The institution has a well-organized tiered structure overseen by the Governing Council, in accordance with the by-laws of the concerned authority. Chaired by the Chairman, the Governing Council is supported by the Correspondent and Secretary, who acts as Management Representatives. The Principal heads the institution, overseeing academic and allied divisions and serving as the Dean of Student Affairs. Under the Principal's guidance, the Deans of Academics and Autonomous, Research and Innovation, and Industry Relations and Talent Development manage academic, research, and industry-related activities, respectively. The institution has established policies and service rules, with various committees, including the Academic Council, Board of Studies, Anti-Ragging Committee, and Internal Quality Assurance Cell, for effective functioning.

Apart from academic departments led by Heads of Departments, exclusive divisions like the Library, Sports Division, Career and Placement Guidance Cell, led by senior faculty, operate to continuously enhance quality under the Principal's guidance. Human resource management falls under the Chief Human Resource Officer, supervised by the Principal, Secretary, and Correspondent. Infrastructure development, estate maintenance, transportation, hostels, security, and amenities are efficiently managed by the administration team under the supervision of the Principal and Secretary with inputs from the administration team.

File Description	Documents
Paste link to Organogram on the institution webpage	https://drmcet.ac.in/organogram/
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

The institution has employed several welfare measures for the benefit of staff.

NIA Educational Institution Employees Co-op Thrift & Credit Society

- Loan with nominal interest is sanctioned to the staff who have completed minimum 2 years of continuous service at MCET.

Group insurance and accident safety insurance

- Premium is paid by the management.
- On the accidental death of staff / permanent total disability / partial disability Rs.4,00,000 (ICICI Lombard General Insurance Company Ltd.)
- An amount of Rs.4,00,000/- per annum can be claimed towards Medical Expenses due to hospitalization for Accident (ICICI Lombard General Insurance Company Ltd and Star Health Insurance)
- EDLI and EGI from LIC as per PF norms

Other Staff Welfare Activities

- Employee Provident Fund (EPF), Employee State Insurance (ESI) and Gratuity Scheme per the respective acts.

Avenues for career development/ progression

- Financial support for Higher studies provided Non-Teaching staff.
- Sponsorship is provided to Teaching / Non-Teaching staff for FDP participation, abroad / industry training and NITTTR & NPTEL.
- Faculty members are benefitted by attractive incentives for Journal publications, granted patents and receiving granted external research funding projects.

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

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

64

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

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

22

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

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.)

140

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Institution conducts Internal and external Audits on regular basis in order to curb the audit objections and accelerate resource mobilization. The Institution has established a mechanism for conducting Internal and External audits on the financial transactions every year to ensure Financial Compliance. Internal Audit is conducted on quarterly basis by the Internal Auditor of the

Institution. The Internal Auditor, a Chartered Accountant appointed by the Management of the Institution thoroughly verifies all Receipts, Payment vouchers and bills. If any discrepancy is found, the same is brought to the notice of the Management.

External Audit is conducted once a year by the external agency - P.K.Nagarajan & Co, Coimbatore - Chartered Account appointed by the Management of the Institution as per rules prescribed by the Government. Any queries in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits. All Utilization Certificates to various grant giving agencies are also countersigned by the Chartered Accountant. The Audited statement is duly signed by the Management and Chartered Accountant. The Institution did not come across with any major audit objection during the preceding years.

FY

Date of Audit

2022-23

Internal Audit - 10.6.2023

External Audit - 5.12.2023

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

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

nil

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

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

Institution follows various strategies for mobilisation of funds and optimal utilization of resources. Tuition Fees collected from students is the main source of funds for the institution. Besides this, funds are mobilized by the following means:

- Funds received from Management
- Grants received from AICTE, UGC and other funding agencies for research and infrastructure modernization.
- Amount generated through consultancy activity offered by the faculty members to Industries / other Institutions.
- Examination Fees collected from students
- Interest from Bank deposits
- Fees collected through courses conducted by centres of Excellences & value added centres.

The Management is spending money for the campus Infrastructure & department Infrastructure based on the need from each department and section. Optimal utilization is ensured by framing a budget. Before the commencement of the financial year, budget proposal is collected from all departments. The requests are consolidated and reviewed by the Administration team and funds are allotted. Utilization of allocated funds are monitored periodically and reviewed at the end of the Financial Year.

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 quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The following two recommendations given by NAAC during Cycle 2 visit were implemented:

- Institute to maximize its autonomy in curriculum design and examination reforms
- Utilization of e-Resources and MOOC courses for blended teaching-learning

The Institution has initiated following reforms:

- Integration of IT in all examination processes.
- Implementation of Co-creation mode of question paper setting.
- Implemented relative grading from 2021 batch onwards.
- Automatic question paper generation for internal tests.

The COXCO Software is implemented for examination related activities. The software is totally parameterized and some of the key features are categorized as Global, Pre-Exam Phase, Exam & Valuation, Result & Analysis, Student's Forms and Reports.

MCET - Learning Management System facilitates wide source of digital resources for most of the offered courses. MS Teams platform is used to conduct online classes and resource sharing since May 2020. The system was made functional from first year to final year students. 8-inch Geek-Dino Tablets were provided to all students for enabling blended TLP. Sprout LMS - an Online Learning Management system is used in MCET for Course & Resource Management, TLP activities such as conduct formative assessments, assignments, quizzes & other interactive sessions. This helps to provide instant feedback to students exhibiting their performance instantly

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

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

CASE 1: PDCA process

The institution has defined an audit system namely "Quality Assurance Audit System" which periodically monitors the Plan, Do, Check and Act stages in Teaching Learning Process and all other academic and administrative activities. The TLP audit is carried out in every semester to improve the quality of PDCA process. Within semesters other audits are carried by Academic Coordination Team.

The internal audit committee for TLP has been constituted with senior faculty members in the cadre of Professor. The Academic and Administrative Audit is carried out at the end of every academic year to improve the quality of Academic, Research and extension activities, covering the parameters specified by NBA and NAAC.

CASE 2: Product Based Learning

Product Based Learning is a unique Teaching Learning method that has been developed since 2017 to impart the product design life cycle to every student. This is being implemented as a prototype for the courses B.E - Mechanical Engineering and B.E - Electrical and Electronics Engineering. The idea behind Product Based Learning is "Profound interconnectedness" that aims at cultivating the awareness of interdependency at multiple levels of our curriculum that would lead us to the transformation from teacher centric to learner centric approach.

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

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

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://drmcet.ac.in/igac/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

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

The Institution is a co- educational engineering institution which promotes gender equalities in all aspects. During the last academic year 23.9% female students were pursued their education. Various explicit facilities such as separate ladies hostel, female counsellor, female physical education instructor and women common room are available to facilitate well-being of women in the campus.

Safety and security of women inside the campus is ensured through 24x7 security service with CCTV surveillance. Anti-ragging Committee, Grievance Redressal Committee, Prevention of Sexual Harassment Cell, Women Empowerment cell and Yuvasakthi Welfare Association are exclusively functioning in the campus. Scholarships are provided to the female students on merit-cum-means basis every year through Yuvasakthi Welfare Association. Female students excel in their performances in curricular, co-curricular activities and also 90% placement record was achieved by them.

Among teaching faculty nearly 46% (124/271) of the faculties are women and 21% (26/124) of woman faculties are Ph.D holders actively involved in research and 19.4% (24/124) of woman faculties are pursuing their research programme. Equal opportunity to women faculties is assured in a way that they also lead various departments as HoD's, PCs and Professors, etc., Also NCC Air wing lead by a female faculty is functioning from 2021.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://mcet.in/naac/c7/7.1/7.1.1/7.1.1_Proof_Document.pdf

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

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

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

In the institution, there are methods followed for Solid waste management, Liquid waste management, Biomedical waste Management, E-waste management

1. Solid waste management:

Academic buildings and its premises are cleaned regularly and its wastes are segregated and disposed accordingly. The Hu-Methane Gas Plant generates the Bio-gas of about 60m³ per day using food waste. Healthy and predefined menu are planned ahead for minimizing food wastage. No disposable plastics are used in the campus.

2. Liquid waste management:

The hydroponic cultivation is followed with smart technology irrigation. Sufficient water points are available providing both hot and cold water. Sprinklers are used in gardens to prevent water wastage.

3. Biomedical waste management:

The health centre includes, setting up waste segregation stations with clearly labelled bins as Yellow, Red, Blue and White waste

containers. A MoU is made between Kovai Bio Waste Management (P) Ltd and Health Care Centre for effective bio medical waste management.

4. E-waste management:

E-waste from laboratories, Non-working computers, monitors, and printers is properly collected and is given to the licensed recycler. Students are also imparted awareness and education about E-Waste. Out-dated computers with minimum configurations not suitable for the revised regulations of the college are given to the needy school students for their usage.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

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

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

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

A. Any 4 or all of the above

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

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

A. Any 4 or all of the above

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	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

The institution established the Arutchelvar VidyaSakthi (AVS) Scholarship during the grand celebration of Arutchelvar's 93rd birthday in 2015. Each year, a total of 400 meritorious students are selected to receive the prestigious Arutchelvar VidyaSakthi Scholarships, with a total value of Rs. 70 lakh. Muslim female students are given the freedom to dress religiously on campus, demonstrating the institution's respect for religious practices. Catering to the diverse culinary preferences of students, the institution's two Cafeteria offers North Indian snacks, providing a taste of home for those hailing from the northern regions of the country.

The Language Learning Centre (LLC) provides instruction for an internationally recognized language certification named the Business English Certificate (BEC) offered by Cambridge University. Soft skills and aptitude modules are being offered to students from first year onwards. For this 104 Computer systems & two self-paced language software's are available in our institution. Non-teaching faculty members are also being trained by LLC.

Centre for Higher Education offers comprehensive training and guidance to students to pursue competitive exams such as UPSC, GATE, GRE , IELTS, TOEFL and other government exams. It provides training in foreign languages such as German and Japanese

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
<p>7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:</p> <ul style="list-style-type: none"> • The values are inculcated among students by offering Professional skill courses like Wellness for Students, Universal Human values 1 & 2, Employability Skills as a part of curriculum. • National Cadet Corps organized an election awareness event, Swatch Bharat, Helmet awareness activities for the benefit of schools and public. Swachhta Hi Sewa to create awareness of managing garbage, Constitution day to commemorate the adoption of the Constitution of India. • National Service Scheme has organized free medical camps, Aadhaar Camp, programmes emphasizing traffic awareness and tree plantation camps, drive against drugs awareness to inculcate values and responsibility of a citizen. • YRC and RRC clubs have organized medical camps for the benefit of public. YRC club had initiated an event planting Hibiscus, Pomegranate, Amla, Guava and Custard Apple. • Environmental club organized programmes on terrace farming, organic farming, and tree plantation to create environmental awareness and to preserve the environment. • Citizen Consumer Club celebrated World Consumer rights day, World NGO day, National consumer day, National Youth Day raising global awareness that consumer rights are protected. • National festivals like Independence Day, Republic Day, Teachers Day, and International Yoga Day were conducted to make people understand the value of being human. 	
File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File
7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts	A. All of the above

periodic 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

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

The institution is dedicated to fostering a vibrant and inclusive community by actively participating in the commemoration of local, national, and worldwide holidays, events, and festivals. The institution hosts Independence Day, Republic Day, International Women's Day, International Yoga Day, Teacher's Day, National Education day, Cultural day, National Voter's day, National Unity day, World Food safety day, World Consumers Right day.

The institution provides substantial resources, including dedicated workforce, financial support, facilities, and necessary supplies, to ensure the successful execution of these events. On Independence Day and Republic Day, impressive drill parades are organized, featuring the participation of National Cadet Corps (NCC) students.

In the face of unique circumstances, the institution has adapted its approach to ensure the continuation of traditions. Every year International Yoga Day is celebrated on June 21.

The institution presents the Yuvasakthi award to the most accomplished woman in society. By acknowledging these exceptional women and sharing their stories, the institution aims to inspire other women, instill confidence and provide direction to aspiring

young women. Through its diverse range of activities, the institution encourages students to embrace their heritage, engage in meaningful celebrations, and develop a stronger sense of patriotism and social responsibility.

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

7.2 - Best Practices

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

1. Title: Special Interest Group

2. Objective of the Practice

The Special Interest Group (SIG) aims to foster interdisciplinary collaboration and learning among students, providing a platform for exploring latest technological domains and facilitating skill development through activities like presentations and project demonstrations.

3. The Context

The Special Interest Group (SIG) of IT department is a commendable initiative designed to promote interdisciplinary learning and collaboration among student. This forum with its innovative approach, engages students in activities related to diverse domains such as Artificial Intelligence & Machine Learning (AIML), Data Science (DS), Mobile Application Development (MAD), Internet of Things(IoT), and Cyber Security(CS) beyond their primary area of study. This initiative stands out in IT department for its effectiveness in promoting cross-disciplinary interaction and enhancing students' academic experience.

4.The Practice

Two periods per week are allotted specially for SIG where students voluntarily plan and conduct all the activities during this hour.

Activities such as presentations, quizzes, project demonstrations, etc., provide opportunities for students to showcase their knowledge, learn from each other, and possibly collaborate on projects that integrate multiple domains.

5.Evidence of Success

Through SIG participation, students demonstrate improved collaboration, communication, and leadership skills. They enhance problem-solving abilities, critical thinking through tackling real-world challenges. It further helps the Students' in placement preparation.

6.Problems Encountered and Resources Required

Managing a diverse range of skill levels among SIG members. Additionally, inviting external experts in their respective domains can enhance the event's value and utility.

File Description	Documents
Best practices in the Institutional website	https://drmcet.ac.in/wp-content/uploads/2024/05/Best-Practices-AY2022-2023.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

The Centers of Excellence (CoE) has made significant strides in achieving its mission during the 2022-23 period, focusing on three key objectives. Firstly, the CoEs aimed to develop engineering competencies in students by fostering interdisciplinary teamwork in product building. This objective was successfully met through various initiatives that involved students from different disciplines working together to create innovative products. Secondly, the CoEs catered to diverse learning needs by providing nationally recognized courses and programs to students, unemployed youth, and professionals.

A total of 30 courses and 70 programs were completed during this period, benefiting 1962 students from MCET and NPTC, as well as 445 students from other institutions. This highlights the CoE's

commitment to providing quality education and training opportunities to a wide range of learners.

The CoEs offered valuable research and consultancy services to academia and industry. This was exemplified by the completion of one project and the training of 54 industry personnel. Additionally, the 3 CoEs secured approval for a 240-intake training under the PMKVY 4.0 scheme in four trades, further showcasing its dedication to enhancing engineering competencies in the workforce.

Looking ahead, the CoE of Electronics Manufacturing has submitted an approval request for the establishment of an Electronics Manufacturing Skill Centre under NSDC, indicating its continued efforts to advance engineering competencies and facilitate learning and development in the field.

File Description	Documents
Appropriate link in the institutional website	https://drmcet.ac.in/centre-of-excellence/
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- Planned to submit MoU's with industry for placement, teaching-learning process, internship and consultancy
- Planned to create facilities for Simax inside our campus for internship training to our students.
- Planned to conduct quality initiative program by external expert.
- Planned to submit more proposal and patent.
- Planned to develop data collection software through intranet.