



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution		MALLA REDDY ENGINEERING COLLEGE
• Name of the Head of the institution		DR. A. RAMASWAMI REDDY
• Designation		Principal
• Does the institution function from its own campus?		Yes
• Phone No. of the Principal		9348161125
• Alternate phone No.		9348161303
• Mobile No. (Principal)		9348161125
• Registered e-mail ID (Principal)		principal@mrec.ac.in
• Address		Maisammaguda (H) , Gundlapochampally Village, Medchal Mandal
• City/Town		Secunderabad
• State/UT		Telangana
• Pin Code		500100
2.Institutional status		

• Autonomous Status (Provide the date of conferment of Autonomy)	20/01/2014
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing
• Name of the IQAC Co-ordinator/Director	Dr. T. Rajesh
• Phone No.	9942988173
• Mobile No:	9942988173
• IQAC e-mail ID	iqac@mrec.ac.in
3. Website address (Web link of the AQAR (Previous Academic Year))	https://mrec.ac.in/IQAC/IQACAQAR
4. Was the Academic Calendar prepared for that year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	https://mrec.ac.in/Academics/AcademicsCalendar

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.01	2010	27/03/2010	27/03/2015
Cycle 2	A	3.20	2015	25/06/2015	24/06/2020
Cycle 3	A++	3.52	2022	08/03/2022	07/03/2029

6. Date of Establishment of IQAC 01/07/2010

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
Institution	UGC 2f & 12 B	UGC	28/01/2013	Nil

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
10. Did IQAC receive funding from any funding agency to support its activities during the year?	No
11. Significant contributions made by IQAC during the current year (maximum five bullets)	
<p>1. IQAC ensures that the academic plan is implemented as per the schedule 2. Achieved NIRF Innovation Rank in the band 101 - 150 3.. Student feedback is collected and analyzed to improve the quality of teaching and necessary action taken on the faculty with low feedback. 5. All the members of the faculty are encouraged to attend seminars, workshops, conferences, etc. during this academic year. 6. All the departments are encouraged to conduct seminars, workshops, conferences, etc., 7. Development of quality benchmarks/parameters for various academic and administrative activities of the institute. 8. Constant encouragement and inspiration by the IQAC to promote research aptitude and research ethics among faculty members & students. 9. Orientation of faculty members/administrative staff regarding the Revised Accreditation Framework of NAAC Conducted by IQAC Coordinator and Criteria Heads. 10. Organized OBE workshop for all faculty. 10. Documentation of various programs/activities leading to quality improvement. 11. Various Committees are re-constituted for support services on the recommendation of IQAC for the CAY. 12. Induction classes were organized at the beginning of the session about the rules & regulations of the college, student support services, and code of conduct. 13. Redefined the guidelines for identifying slow learners and fast learners. 14. Conducted Environment, Energy, and Green audits for the campus. 15. Conducted Academic and Administrative Audits to assess the strengths and weaknesses of departments.</p>	
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
To collect feedback from various	IQAC has been periodically involved in obtaining & analyzing the feedback from

stakeholders	various stakeholders like students, guardians, employers and alumni members. IQAC ensures the implementation of the feedback are done with immediate effect.
To Organize workshops and seminars on quality - related themes and promotion of quality circles and institution-wide dissemination of the proceedings of such activities.	Implementation of teaching / learning process using multimedia lectures, NPTEL video lectures, etc.
To Prepare academic calendar and activity plan for year 2022-23	Academic calendar and activity plan was prepared and presented in advisory committee.
Motivated the members of faculty and conducted various programs on Research Methodology and Various Government and NonGovernment Schemes for Grants	It helped faculty members to write research proposals to UGC, DST, AICTE and the institution received funds worth Rs.121.37 Lakh from various government and non-government agencies.
Motivated members of faculty to publish research articles in reputed journals and as per the research policy of the institution, Incentives to faculty for research, research publications and qualification up gradation	Faculty members published 442 Journals in CARE Journals
To establish an IPR Facilitation Centre at MREC	Started the Internal IPR Facilitation Centre for filing the Patents for Faculty and Students of MREC. Filed 119 Utility Patents with MREC as one of the applicant. One Copyright has been filed.
Motivated the members of faculty and conducted various programs on Research Methodology and Various Government and	It helped faculty members to write research proposals to UGC, DST, AICTE and the institution received funds worth Rs.121.37 Lakh from various government and non-government agencies.

NonGovernment Schemes for Grants	
Conducted various activities to develop Ministry of Innovation Cell of our college and motivated the students to actively participate in MIC and EDC activities.	Business Incubation centre, sanctioned by MSME, New Delhi on 8th March 2022, Submitted 51 ideas for MSME Idea hackathon, Received 15 Lakh funds under MSME champion scheme for making the prototypes for identifying path holes on roads., Received 4-star rating from Ministry of Education's Innovation Cell, 24 members of faculty were certified as Innovation Ambassadors by Ministry of Education (MoE)
To use Student satisfaction survey report for policy making and implement new plans to help students.	Action taken ATR on student feedback is compiled for last five years.
To continue remedial classes for academically disadvantaged students.	Remedial classes were conducted for the academically disadvantaged students after the publication of the odd semester result
To motivate the students to join MOOCs in SWAYAM portal.	Conducted various meeting about the SWAYAM MOOCs for the students to join the online program.
Applied for NIRF Innovation-2022.	Achieved 101-150 Band in NIRF Innovation
Designing and implementing Annual plans for quality enhancement	IQAC conducts regular review meetings with every department and assess the progress in academics
To organize various activities under Ministry of Innovation Cell of our college and motivate the students to actively participate in MIC and EDC activities.	a) Two ideas selected by MSME under Champion scheme and funded with a grant worth of Rs.15 Lakhs each. b) Submitted 40 ideas for MSME Idea hackathon c) Received 15 Lakh funds under MSME champion scheme for making the prototypes for identifying path holes on roads d) Participated in Smart India Hackathon (SIH-2022) e) Received 4-star rating from Ministry of Education's Innovation Cell. f) 30 members of faculty were certified as Innovation Ambassadors by Ministry of Education (MoE)
To continue students - mentoring system	Parent of each Mentee met Mentor or contacted the to discuss the academic

	improvement of the Mentee. Suggestions were entered in the Mentor- Mentee book
Significantly increase the number of publications and patents by organizing seminars, FDP and workshop on Research Methodology, how to write good research papers, ways to apply for patents etc	Incentives of conference and journal publication costs was given to all faculty members to motivate for quality publication.

13. Was the AQAR placed before the statutory body?	Yes
--	-----

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
BoG	05/08/2023

14. Was the institutional data submitted to AISHE ?	Yes
---	-----

- Year

Year	Date of Submission
2022-23	19/03/2024

15. Multidisciplinary / interdisciplinary

Multidisciplinary education is a unique educational approach that allows students to learn & explore distinct subjects or curricula from various disciplines. The National Education Policy (NEP) 2020 envisioned a large multidisciplinary. Higher Education Institution (HEI) in every district, by the end of 2030. A distinctive feature of MREC is the sustained effort of its IQAC towards curriculum enrichment through interdisciplinary and multidisciplinary activities as they provide a social context and perspective to the teaching-learning process and an opportunity to broaden the knowledge gained from regular curricular activities. Recognizing the future paradigm shift of higher education towards a multidisciplinary model, as envisaged in the new education policy of the government, this endeavor of the IQAC reflects foresight and prepares the institution for seamlessly adopting the new policy, when implemented. Business Incubation Center of MREC endeavors to enable young minds to transform their innovative ideas with multidisciplinary expertise into viable business plans and actions.

The following interdisciplinary and multidisciplinary activities were organized in the session 2022-2023.

1. Project Expo - VISESH

2. Smart India Hackathon (SIH) - Nationwide initiative to provide students a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving.

3. Internship

4. Rs.32 Lakhs grants received for funded research projects.

2. Lectures on multidisciplinary/ interdisciplinary topics, delivered both by college faculty and invited speakers are held each year.

These lectures provide a unique opportunity for the students to realize the importance of the interdisciplinary approach in academics in solving issues of national and global importance. Other lectures on gender issues, environmental awareness, sustainable development, and many other relevant topics are held all year round.

16. Academic bank of credits (ABC):

MREC is committed to providing students with a dynamic and adaptable educational experience. The institution fosters international collaboration through its existing MoU with Aksum University and future plans for joint degree programs. MREC's autonomy allows for a continuously evolving curriculum that prioritizes employability. Faculty have the flexibility to design syllabi within set frameworks, ensuring programs remain relevant to industry and higher education needs. Students further benefit from a wide range of elective subjects within their B.Tech., M.Tech., and MBA programs, allowing them to personalize their learning.

This dedication to student empowerment aligns perfectly with the implementation of the Academic Bank of Credits (ABC) program. MREC's successful registration with the National Academic Depository (NAD) lays the groundwork for seamless integration with the ABC system. Under the NEP 2020, mandatory ABC registration will unlock several benefits for students. They will enjoy greater mobility across Indian higher education institutions. The ABC system will also create a centralized credit-based record of a student's achievements, fostering transparency and facilitating future academic pursuits. Ultimately, the ABC program will empower both faculty and students. Faculty will benefit from streamlined record-keeping, while students embrace a multidisciplinary approach that prepares them to become well-rounded "Skilled Professionals" ready for success in their chosen fields.

17. Skill development:

MREC recognizes the crucial role of industry-aligned skills in preparing students for successful careers. The Government of India's Skill India Mission (SIM) aligns perfectly with MREC's commitment to developing a skilled workforce. Through the Centre of Excellence, MREC provides students with targeted skill development training programs, enhancing their employability and placement opportunities.

MREC's Industry-Institute Interaction Cell (IIIC) further strengthens these efforts. The IIIC fosters close collaboration between academia and industry, ensuring that MREC's curriculum equips students with the latest industry-specific skills. This focus on real-world skills goes beyond technical expertise. MREC recognizes the importance of soft skills like communication, teamwork, and problem-solving, preparing well-rounded graduates who are ready to thrive in a competitive job market.

By bridging the gap between academia and industry, MREC empowers students to become the "well-equipped manpower with employability skills" that India needs. This collaborative approach ensures graduates are prepared not just for jobs, but for successful careers that contribute to technological advancements from ideation to implementation.

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

MREC cultivates a vibrant campus community that celebrates Indian culture. Throughout the year, events like Independence Day, Republic Day, International Women's Day, Bathukamma celebration, Pongal, Dussehra celebrations etc., provide opportunities for students and faculty to connect with their heritage. MREC goes beyond cultural events to integrate ethical values into its curriculum. The institute recognizes its responsibility to promote "doing what's right" by offering stimulating courses on the Indian Knowledge System. These courses equip students with a logical framework for ethical decision-making, preparing them to be responsible citizens. Looking forward, MREC aligns with the New Education Policy 2020's emphasis on preserving and utilizing India's rich cultural and philosophical legacy. MREC's courses provide a foundation in Indian history, culture, and philosophy, fostering a deeper understanding of these valuable traditions. MREC further supports faculty and student development by offering NPTEL courses online. This initiative enhances technical knowledge while complementing MREC's commitment to well-rounded graduates grounded in both cultural awareness and ethical principles.

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

Outcome Based Education (OBE) is an important demonstration tool for student-centred instruction that focuses on measuring student performance through the attainment of various parameters like COs, POs, PSOs and PEOs. OBE starts with a clear picture of what a student should be able to do, design the curriculum, teaching

learning process and assessment to ensure that the outcomes are attained. It demands the students to be actively engaged in the learning process and demonstrate his/her skills through more challenging tasks and higher order of thinking. MREC adopted OBE in the true sense since the A.Y. 2012-13 and has successfully implemented OBE by monitoring the achievement of POs and COs at different stages of the program. Once the POs and particularly COs are defined, delivery method is planned to ensure effective student learning. The teaching-learning process should ensure that the student acquires the knowledge and skills as stated by the POs & COs. We calculate the attainments by the direct and indirect assessment tools. The direct tool comprises of internal exams, assignments, projects, comprehensive viva, end-semester examinations, etc. Every question, quiz and laboratory performance is mapped to the CO it addressed. Assignment and test questions are designed using Bloom's Taxonomy. A MS-Excel-based system called Digital Course File (DCF) is developed for the computation of CO-PO attainment for each student and class average. Colour coding is effectively used in the DCF to differentiate between underperformers and students who have satisfactorily met the target. This system generates report on the attainment of COs and POs for each student and class average. The indirect tools include various surveys like exit surveys, alumni surveys, employer surveys, curriculum feedback etc. Every question in the survey forms is mapped to the relevant POs and PEOs. Once the data is keyed into the digital course file CO PO attainment is computed automatically. 80% weightage is given to direct assessment and 20% weightage is given to indirect assessment as per recommendations from the department advisory board and programme assessment committee. The programme assessment committee and course faculty analyse the results of the attainment of COs and POs and compute the total attainment of PEOs. It submits a report regarding the attainment of PEOs, POs and COs to the DAB, which then reviews the analysis and prepares an action plan to improve student learning. Course faculty is also actively involved in the process of improving the teaching-learning process and continuous quality improvement.

20.Distance education/online education:

Technological advancements necessitate digitization in all fields, including education. Learning trends have changed significantly with the advent of COVID-19 and the subsequent closing of schools, colleges, and universities. Learners started to look for ways and means to continue their education in a much safer and more comfortable environment. They are usually presented with two learning modes, online and distance. Distance education is traditionally known as the 'correspondence course' where study material and learning resources are sent to students through the post and now in the age of the internet through email. The possibility of Online/ Distance vocational courses may be planned by the Institute in the future. It utilizes the Virtual Learning Environment (VLE) - such as Moodle, Collaborate, or Blackboard to

share multimedia lectures, have discussions, send student resources, and conduct exams. MREC has an eATL facility, through which students can access technical magazines, journals, and other reading materials from anywhere and anytime. Moreover, the academic lectures by the senior faculty members are also captured through the lecture capturing system for difficult concepts and the same is uploaded to the MREC YouTube channel for the benefit of students.

Extended Profile

1. Programme

1.1 Number of programmes offered during the year:	18
--	----

File Description	Documents
Institutional Data in Prescribed Format	View File

2. Student

2.1 Total number of students during the year:	5395
--	------

File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	1021
--	------

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	5395
---	------

File Description	Documents
Institutional Data in Prescribed Format	View File

3. Academic

3.1	727
-----	-----

Number of courses in all programmes during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	View File	
3.2	378	
Number of full-time teachers during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	View File	
3.3	378	
Number of sanctioned posts for the year:		
4. Institution		
4.1	584	
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		
4.2	96	
Total number of Classrooms and Seminar halls		
4.3	2946	
Total number of computers on campus for academic purposes		
4.4	3029.24	
Total expenditure, excluding salary, during the year (INR in Lakhs):		

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

Curriculum preparation - Based on local, national, and global developme within the local context. · Department BoS - Faculty and external subje Deliberate and discuss the relevance of CO, PO, and PSO of the proposed relevant to local, national, and global development needs. o Implementa CBCS Collection of feedback from stakeholders - Periodic curriculum rev strengthen CO, PO, and PSO attainment. Course syllabus design - To attai Knowledge, Skill, Attitude, and Values - Objectives, Outcomes, Assessme Bloom's taxonomy, concept map, Text and reference books, and lecture sc

Courses for each curricular component - Course map based on prerequisite Course Schedule -Course credit allocation · Curriculum - balanced in co among Basic sciences, engineering sciences, humanities, and social scie Core electives, open electives, project work, and employability enhance also specifies various metrics to assess POs. The process for designing program curriculum: Step 1: Program Assessment Committee - Draft curric preparation - Inputs: Department Vision, Mission; Stakeholders' feedback PSO attainment; Statutory bodies' guidelines. Step 2: Pre-BoS meeting - curriculum, and recommendations for changes. Step 3: BoS meeting - Fina curriculum and syllabi Step 4: Academic Council - Approval of the curri syllabi

File Description	Documents
Upload additional information, if any	View File
Link for additional information	http://mrec.ac.in/NAACDocument/202404301635591.1.1%20Additional%20Information%202022-23_organiz

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

18

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

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

727

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

1.2 - Academic Flexibility

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

198

File Description	Docume
Minutes of relevant Academic Council/BoS meetings	V:
Any additional information	V:

Institutional data in prescribed format (Data Template)

[View](#)**1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective System**

18

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Upload
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 Environment and Sustainability, and Human Values into the curriculum**

The institution integrates cross cutting issues relevant to gender, env and sustainability, human values and ethics by introducing specific cour curriculum and various activities such as Orientation Programmes for fi students, Women empowerment programmes and counseling activities. The a courses that address these issues are listed in the following Table att addition to these courses, the institution has Women Development Cell (Grievance Cell (WGC) and Antiragging Cell to deal with the issues relev gender, human values and ethics. WDC is constituted to facilitate women development &safety and respect to women. WGC looks into any complaint & women staff. WDC organizes seminars and invited lectures by domain ex bring awareness towards women empowerment and legal rights. With an emp the need of counseling the young minds, counseling cell is constituted the students' behavioral and academic issues. It strives to provide an atmosphere to the students by organizing personality development camps the gender differences, conducting training programmes for the students on counseling. Anti-Ragging cell plans the activities like Anti-ragging formation of anti- ragging squad, Debate, Skits, Awareness talk by. Gov officials for curbing the ragging menace and making the students aware values. The cell addresses the complaints by the students, scrutinizes approves the reports of the Anti-ragging Squad.

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

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

73

File Description	Docu
------------------	------

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

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

5395

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

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

1270

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

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://mrec.ac.in/FeedbackAnalysis
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

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

File Description	Documents
Provide URL for stakeholders' feedback report	https://mrec.ac.in/FeedbackAnalysis/ActionT
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

1581

File Description	Documents
Any additional information	View
Institutional data in prescribed format	View

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

930

File Description	Documents
Any additional information	View
Number of seats filled against seats reserved (Data Template)	View

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for t advanced learners.

The students admitted into this institution are from diverse social, ec cultural and vernacular backgrounds, with disparate levels of knowledge skills; hence their learning needs are different. After the admission o MREC organizes an orientation program for all the students by bringing in the area of personality development to motivate them. The Institutio career guidance cell and also has a mentoring system to help the studen address their concerns and improve their learning levels. The students given orientation towards communication and improving their language sk

Process for Encouraging Slow learners:

The students admitted into this institution are from diverse social, ec cultural and vernacular backgrounds, with disparate levels of knowledge skills; hence their learning needs are different. After the admission o MREC organizes an orientation program for all the students by bringing the area of personality development to motivate them.

Process for Encouraging Advanced learners:

The complete methodology followed in MREC helps in encouraging the slow become an advanced learner and prepare an advanced learner to reach the opportunities.

File Description	Documents
------------------	-----------

Upload any additional information	View
Paste link for additional information	N.

2.2.2 - Student - Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
Nil	5395	378

File Description	Documents
Upload any additional information	View

2.3 - Teaching- Learning Process

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

The teaching methodologies of MREC are designed in such a way that they students to develop their skills through theory as well as hands-on exp Our students and faculty members regularly interact with industry, acad various government organizations.

Following are the teaching methodologies followed by teachers in MREC

Student-centred learning, also known as learner-centred education, broad encompasses methods of teaching that shift the focus of instruction from teacher to the student. Teaching and Learning of MREC put students' interest first, acknowledging student voice as central to the learning experience teaching-learning emphasizes each student's interests, abilities, and learning styles, placing the teacher as a facilitator of learning for individual rather than for the class as a whole. Experiential learning, participative learning and problem-solving methodologies are well adopted to ensure the holistic development of students and facilitate lifelong learning and knowledge management.

File Description	Documents
Upload any additional information	View
Link for additional Information	Ni

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

MREC, being an Autonomous Institution, encourages intensive use of ICT tools including online resources for effective teaching and learning process. The faculty members of MREC are using ICT tools and resources. The Learning Management System (LMS) of MREC was established in the year 2015 and was effortlessly utilised by faculty and students. As MREC is using its LMS time now, even during the COVID-19 Pandemic the teaching and learning process not affected and progressed as usual online.

Learning Management System (LMS):

- MREC has its own Learning Management Systems www.mrecacademics.com.

- The Study materials were made available on the website. (<https://mrec.ac.in/Examinations/ExaminationsStudyMaterials>).
- The video lectures of faculty members were uploaded to MREC Academi Youtube Channel. (https://www.youtube.com/channel/UCon0ikxANX6C_asc8rTLq_Q/videos).

ICT Facility:

- All the Classrooms are ICT enabled with a Desktop, LCD Projector an connection.
- The seminar halls are equipped with multimedia facilities using ICT
- Invited talks and webinars are conducted in the seminar hall using facilities.
- Information & Communications Technology (ICT) enabled teaching meth and advanced technology is being followed by the faculty members in classrooms.
- Use of multimedia teaching aids like LCD projectors, classrooms wit enabled computer/laptops/tablet systems are usually in use in the c

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://mrec.ac.in/Infrastructure/IC
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

354

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

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

Preparation and Adherence to Academic calendar:

An academic calendar is framed based on the discussions with the Intern Assurance Cell (IQAC), Controller of Examinations, Department Heads, De level consultative committee and other decision-making authorities. The carried out at least 15days before the commencement of the academic yea academic calendar is issued to the faculty members and students and pub institution website. <https://mrec.ac.in/Academics/AcademicsCalendar>

The academic schedule provides

- Date of commencement of the academic session.
- Duration of semester.

- Commencement of Continuous Internal Evaluation (CIE) test.
- Last working day.
- Parent teacher meeting.
- Commencement of practical and semester end examinations (Regular & Supplementary).
- Study period, and
- Date of reopening of the forthcoming semester etc.,.

The Adherence to academic calendar is ensured by periodic reviews in di levels like Course Monitoring Committee (CMC) meetings, Departmental me Program Assessment Committee (PAC) meetings.

Teaching Plans:

In our institution, the teaching plans (Course plans) are prepared by t at the beginning of the semester and circulated to students. Students c plan and prepare accordingly. The teaching plan contains the module num name, number of hours, teaching methodology and date.

File Description	Docu
Upload the Academic Calendar and Teaching Plans during the year	

2.4 - Teacher Profile and Quality

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

378

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

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

115

File Description	Doc
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	
Any additional information	

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

3.8

File Description	Docume

List of teachers including their PAN, designation, Department and details of their experience	View
Any additional information	Upload

2.5 - Evaluation Process and Reforms

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

26

File Description
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result
Any additional information

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

291

File Description	Docum
Upload the number of complaints and total number of students who appeared for exams during the year	View
Upload any additional information	Upload

2.5.3 - IT integration and reforms in the examination procedures and processes including Contir Assessment (CIA) have brought in considerable improvement in the Examination Management S, the Institution

The institution has an automated academic, examination and evaluation p COE office has adopted student-centric and transparent practices by aut examination processes. Starting from course registration to publishing are carried out digitally. The following IT integration and reforms in examination procedures and processes has brought considerable improveme

- Complete automation of the examination processes helps in the succe execution of examination process such as monitoring of examination payment, examination schedule, seating arrangement, attendance moni coding and decoding of scripts, marks data entry, preparation of pr wise results etc.,
- Payment gateway is also available for the payment of various fees o the students to make the registrations online for various services.
- OMR based answer script was introduced in MREC for ensuring strict confidentiality by avoiding manual coding in the examination and ev system.

- MREC quickly responds to the students' grievances related to any exam and a mechanism is developed for quick settlement of grievances.
- Online publishing of results is made available through portal.
- Printing and issuing the marks memos and provisional degree certificates shorter duration.
- Digital maintenance of students marks records and different types of certificates: Transfer Certificate, Bonafide Certificate, Custodian Certificate and Transcripts.

File Description	Documents
Upload any additional information	View
Paste link for additional Information	N/A

2.6 - Student Performance and Learning Outcomes

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

Yes, Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) are framed by the department delivering the concerned programme after extensive consultation with all faculty and stakeholders, in strict accordance with the objectives of Outcome-Based Education (OBE). Following the achievement of a consensus, the information is extensively disseminated and popularised through different channels, including

- Website
- Curriculum / regulations books
- Classrooms
- Department Notice Boards
- Laboratories
- Student Orientation Programs
- Meetings/Interactions with employers
- Parent Teachers meetings
- Faculty meetings
- Alumni meetings
- Professional Body meetings
- Library

While addressing the students, the HODs create awareness of POs, PSOs among faculty members, class teachers, mentors and course coordinators also inform students in creating awareness and emphasize the need to attain the outcomes. As Outcome-Based Education (OBE) is implemented in this Institute since 2015, we give emphasis on what is expected from the student when they finish the course. The POs/PSOs of the programme are published through electronic media at department sites located on the college website <http://www.mrec.ac.in/>. The course outcomes are also published in the syllabus books through electronic media at <https://mrec.ac.in/Academics/AcademicsSyllabus>.

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://mrec.ac.in/Academics/Academ

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

Yes, attainment of programme outcomes and course outcomes are evaluated institution.

Process of Attainment of Course Outcomes

Direct evaluation techniques

- Giving home assignments and study the performance of each student
- Course assessment
- Conduct mid semester exam
- Conduct end semester exam covering the entire syllabus of the course
- Laboratory assessment
- Conduct departmental seminar to each student about any relevant top assess the communication and presentation skills.
- Project Assessment
- Assessment of Internship project
- Conduct minor project review meeting at the end of 7th semester and project review at the end of 8th semester.

Process of Attainment of Program Outcomes

The assessment of the Programme outcomes is made based on the indirect assessment methods. In this 80% of direct assessment and 20% of indirect assessment considered for attainment.

i. Direct Assessment Tools

Assessment through attainment of COs

The average attainment of all students for every course is calculated with respective POs (based on CO and PO mapping) according to the weigh against each POs. The attainments of the POs are scaled to 80%.

File Description	Documents
Upload any additional information	View
Paste link for additional Information	N:

2.6.3 - Pass Percentage of students

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

1137

File Description	Docurr
Upload list of Programmes and number of students appear for and passed in the final year examinations	v
Upload any additional information	t
Paste link for the annual report	

2.7 - Student Satisfaction Survey

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

<https://mrec.ac.in/IQAC/IQACSSS>

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 p promotion of research which is uploaded on the institutional website and implemented

The dedicated Research & Development Cell (R&D cell) is established wit objective to create a high-quality research ambience in the institute th take up high quality research. The R & D Cell evolves strategies and pol to encourage the faculty members with incentives for publishing quality r papers, filing patents, Books, Book Chapters and Conferences. The R & D create an ecosystem both in terms of infrastructure and scholastics that enable the faculty members and students to take up research in therecent achieve high quality research ambience in the Institute, a Research & De Centre is set up with the objective of developing the strategic plan for research and implementation of such plans. Full autonomy has been giv faculty members to carry out the research as per terms and conditions gi funding agencies. Faculties are encouraged to undertake consultancy wor Incentives of Rs.16,74,030/- received by 135 faculty for the AY 2021-22 T provides seed money grant to faculty members for research. Incubation Ce college endeavors to enable theyoung minds to transform their innovativ with multidisciplinary expertise into viable business plans and actions

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://mrec.ac.in/Research/Res
Any additional information	View File

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

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year

lakhs)

38.16370

File Description

Minutes of the relevant bodies of the institution regarding seed money

Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized

List of teachers receiving grant and details of grant received

Any additional information

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

54

File Description

Documents

e-copies of the award letters of the teachers

[View](#)

List of teachers and details of their international fellowship(s)

[View](#)

Any additional information

No File

3.2 - Resource Mobilization for Research**3.2.1 - Grants received from Government and Non-Governmental agencies for research pro endowments, Chairs during the year (INR in Lakhs)**

140.85670

File Description

e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations

List of projects and grant details

Any additional information

3.2.2 - Number of teachers having research projects during the year

3

File Description

Documents

Upload any additional information

[View](#)

Paste link for additional Information

1

List of research projects during the year	View
---	----------------------

3.2.3 - Number of teachers recognised as research guides

5

File Description	
Upload copies of the letter of the university recognizing teachers as research guides	
Institutional data in Prescribed format	

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

3

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://dst.gc
Any additional information	View File

3.3 - Innovation Ecosystem

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

The institution has created an ecosystem for innovation including incubation and other initiatives for creation and transfer of knowledge. The faculty are empowered to take up research activities utilizing the existing facilities.

a) Entrepreneurship Development Cell: EDC organizes the work plan of the Entrepreneurship promotion activities. The cell keeps the students informed and encourages them for different Entrepreneurship related activities. The EDC has a collaboration with Indian School of Business (ISB) Hyderabad and our students pursue different certificate and diploma courses from ISB.

b) Women Entrepreneurship Development Cell: We established separate Women Entrepreneurship Development Cell (WEDC) for the women empowerment under Women Development Cell (WDC). We are in the right pursuit of imparting quality and value based education; MREC has explored the new avenues for student development in a sustainable way.

c) Incubation-Hub: Incubation-Hub will encourage students with a special entrepreneurial bent of mind. Students could come up with various innovative and creative ideas and can utilize their talent for starting their new ventures.

Community Orientation : The MREC became an Indo Universal Collaboration Engineering Education (IUCEE) consortium member in 2016, and since then has been actively involved in spreading IUCEE's vision and as a member of the IUCEE consortium.

File Description	Documents
Upload any additional information	View
Paste link for additional information	N/A

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

48

File Description	Documents
Report of the events	View File
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	
Any additional information	

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

3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	https://mrec.ac.in/Research/Research
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

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

0.75

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

59

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

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

881

File Description	Documents
Any additional information	No File Up
Bibliometrics of the publications during the year	View Fi

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science - the University**3.4.6.1 - h-index of Scopus during the year**

21

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

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

208.21068

File Description	Docun
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	v
List of consultants and revenue generated by them	v
Any additional information	t

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

5.7600

File Description

Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy

List of training programmes, teachers and staff trained for undertaking consultancy

List of facilities and staff available for undertaking consultancy

Any additional information

3.6 - Extension Activities

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

Extension activities - Neighborhood Community : The NSS schemes of the initiated various events like organizing and promoting Swatch Bharat Ab blood donation camps, awareness programs on anti-ragging, rural development educating the villages, etc . The college also contributes much through wing which has multi-faced activities like environmental issues, working orphanages, etc by involving the volunteers 2. **Social Issues :** Activities save our ponds and lakes, tree plantation drive seeded for the Green Re Preparation and distribution of clay Vinayaka idols during the GaneshCh festival has been followed as a part of environmental awareness and als the neighborhood to take similar steps in this aspect. 3. **Impact :** The I has a Center of Excellence where the ideas get further elaborated by fr problem, understanding the end- user requirements, brainstorming and id set of solutions, and finally narrowing down to a solution. Events like Haram, donating for victims affected by natural calamities, digitizatio are successfully conducted with the cooperative participation of the vo collaboration with other agencies/NGOs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://mrec.ac.in/NAACDocument/20240427121636-N23%20report.pdf

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

4

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

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

34

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

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

3515

File Description	Documents
Reports of the events	View File
Any additional information	View File

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

734

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, universities, industries, corporate houses, etc. during the year (only functional MoUs with collaborative activities to be considered)

24

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	

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning,

classrooms, laboratories, computing equipments, etc.

Yes, the institution has adequate infrastructure and physical facilities teaching-learning process. Malla Reddy Engineering College, Main Campus, established in the year 2002 is one among the top 259 colleges in Telangana. The college is located on a 10-acre campus with 34151.42 Sq.mts (3,67,6 built-up area and is permanently affiliated to JNTUH. The college is offering 12 undergraduate and 7 post-graduate programs. MREC has a state-of-the-art infrastructure, creating an environment for progressive learning and development. We have well equipped classrooms and laboratories as per the AICTE requirements cater to the academic needs of the students.

Classrooms: There are 90 Classrooms and 6 Seminar Halls which are equipped with ICT facilities. **Laboratories:** There are 115 laboratories, 5 R&D centers, Workshops, and 2 Data centers which are well equipped and maintained. Computer laboratories are installed with licensed software as well as open-source software. Apart from regular labs, we have well-established R&D Labs, Project Lab, and tie-up MOU laboratories like IBM, HP, Devops, CISCO, Google Cloud, Sales Red Hat Linux campus connect lab, LabVIEW, GT Lab, STAAD.Pro, CREO, ANSYS, Communication Design Suite Software, CADENCE, O-PITBLAST, STRAYOS, etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mrec.ac.in/NAACDocument/20230424094352_Paste%20link%20for%20additional%20information%20(1

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

Yes- Sports activities occupy a significant part of the college curriculum at Malla Reddy Engineering College.

Cultural Activities: To encourage student's innate talents the College Committee conducts events like essay writing, debates, group discussion, quiz, dumb C, elocution, mimicry, volte-face, extempore mock show, singing etc. It allows the students to show their skill, display their leadership qualities, and unleash their latent and hidden talents. We host the Malabar Cricket Tournament inter-collegiate every year. Students with a passion for music and dance are encouraged. **Yoga:** YOGA Centre with qualified YOGA Srinivasa Raju conducts sessions for both students and faculty. The sessions are conducted in the yoga hall at convenient timings. **Sports & Games:** There is a dedicated area of 1200 Sq.mts for indoor sports, including Table Tennis, Badminton, Chess, and Caroms. **Gymnasium:** MREC also has a large indoor gym facility with areas marked for Yoga, Weight Training, Weight Lifting, Power Lifting, and Cardio exercises. **Auditoriums:** We have a very active Chammam Auditorium with 1500 seating capacities and Malla Reddy Auditorium with 500 capacities to conduct National and International College Days, Fests, and other celebrations.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://mrec.ac.in/NAACDocument/2024043017571/Paste%20link%20for%20additional%20information.

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

96

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

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

1007.90

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

4.2 - Library as a Learning Resource

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

Response: The Knowledge Resource Center of Malla Reddy Engineering Coll treasure house of information and is one of the important central facil the Institution, established in the year 2002, catering to the educatio information needs of faculty and students in Engineering at both UG & P the Library is holding with 60544 volumes, 7865 titles with e-ATL facil students and Staff and having Subscription in all national access like Digital Library, IEEE-ASPP, INFLIBNET, J-GATE etc.

Library Automation: The library is fully automated and KOHA is the soft for Circulation, Procurement, OPAC, and Project Reports. All the librar are bar-coded and books are issued to users by reading the barcode of t On average around 1500+ students make use of the Library resources thro and offline mode, as most of the daytime, the students are attending th A register is maintained to know the number of users who make use of th every day.

e-ATL: MREC Library provides a remote access facility to current Studen Members, and Staff Members to access the subscribed e-resources from an

location, through the "Remote Log" software service.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mrec.ac.in/NAACDocument/202304191006_Paste%20link%20for%20additional.pdf

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

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

54.66

File Description
Audited statements of accounts
Any additional information
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)

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

1924

File Description	Docum
Upload details of library usage by teachers and students	V:
Any additional information	V:

4.3 - IT Infrastructure

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

Response: IT Policy: MREC framed and established an Information Technology Policy in the year 2015 to maintain, secure, and ensure the legal and appropriate use of Information technology.

Now, the College has about 1620 network connections covering more than buildings across the campus and expected to reach 2500 connections very

Internet & Wi-Fi Facility: Full coverage of Wi-Fi. Extension of Wi-Fi to canteen. 500 Mbps speed internet. 70+ Wi-Fi access points with extender to cover the entire campus. Internet connectivity to all computers. Wi-24 hours on campus Dedicated Internet Labs.

Apart from the computer laboratories setup for syllabus programs the Institution provided computer centers for general purposes and learning during extra

We have local area wireless technology which allows an electronic device exchange data or connect to the internet using 12MBPS in our college canteen and PG hostel.

Cyber-Security: A new firewall 'Cyber room-300NG' was installed for the protection of the campus network with filtering features. In the year 2017, the Cyber firewall was deployed for handling enhanced load on network and applications catering to academic and administrative processes, for a secure campus network.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mrec.ac.in/NAACDocument/2024050711275_Paste%20link%20for%20additional%20information.

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
5395	2946

File Description	Documents
Upload any additional information	View

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ≥50 Mbps
---	--------------------

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

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	https://mrec.ac.in/NAACDocument/20220510162/Paste%20link%20for%20additional%20information
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

1012.5

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

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

Response: The institution has a structured system for maintaining and utilizing the facilities available at MREC Campus. The facility management team maintains the physical, academic, and support facilities. Building Maintenance Committee

In-charges of this committee will report to the Principal through the Administrator and look after the following works. Civil Engineering Work maintenance, repairs, painting, furniture, etc. . Maintenance of campus and cleanliness, drainage system, waste disposal, etc. There will be dedicated staff stationed in each department to look after departmental hygiene in the supervision of the HODs.

Equipments Maintenance Committee: All the laboratories are spacious and Do's and Don'ts/safety precautions are displayed in each laboratory. Every equipment in the lab is bar-coded and records of the same are maintained.

Sports Maintenance Committee: The sports facilities of MREC are maintained in the physical education department. A stock register and an issue register are maintained to ensure the proper handling of the sports items. **Computers Maintenance Committee:** The campus has optical fiber backbone for inter-connectivity between buildings and each building has their LAN.

File Description	Documents
Upload any additional information	View File

Paste link for additional information	https://mrec.ac.in/NAACDocument/20240507130/SOP%20_%20MAINTENANCE.pdf
---------------------------------------	---

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

2962

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

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

153

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

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	http://mrec.ac.in/NAACDocument/2024050910/Institute%20Links.pdf
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 examination counselling offered by the institution during the year

5395

File Description
Any additional information

Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)

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

Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee

Details of student grievances including sexual harassment and ragging cases

Upload any additional information

5.2 - Student Progression

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

891

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

5.2.2 - Number of outgoing students progressing to higher education

180

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

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 (including JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

65

File Description	Documents
Upload supporting data for students/alumni	View
Any additional information	View

5.3 - Student Participation and Activities

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

51

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

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

The institute strives its best for the all-round development of student Chapters of various professional societies like IGBC, ICI, IEI, SESI, A CSI, APSMS, NCSSS, ISTE, ISNT, SAE, IEEE, IEEE Women actively organize Cultural Fests, Social activities, and Co activities. Adequate represen given for students in all academ administrative/cultural committees and are involved in the dec process. In the following committees students a

1. Student Association Council (SAC)
2. IQAC
3. Canteen Committee
4. Hostel Committee
5. Women Empowerment Cell
6. SC/ST Cell
7. Cultural Committee
8. Sports Committee
9. NSS Committee
10. Anti-Raging committee
11. Grievance Redressal Committee.

File Description	Documents
Upload any additional information	View File

Paste link for additional information

<http://mrec.ac.in/NAACDocument/20240506142>**5.3.3 - Number of sports and cultural events / competitions organised by the institution**

13

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

5.4 - Alumni Engagement

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

Malla Reddy Engineering College (MREC) Alumni Association is a register with registration number 778 of 2008 under CMR educational Society. All students become members of the alumni association. The members of the association have regular interaction with the management, Principal, faculty members regarding the overall development of the institution. The association committee is formed every three years and holds two executive committee meetings on an average every year. The college Annual Alumni held in the month of June/July every year. The alumni meet is a formal which consists of Registration, inauguration, games, formation of alumni association, alumni interaction with students, cultural programs by pre of students followed by lunch. The institution effectively utilizes the and the service of the alumni and the financial support it receives from alumni for the overall development of the institution. The institution immensely from the support of its huge and loyal alumni network. The Alumni also contributes to the development of the Institution through various support services.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://mrec.ac.in/NAACDocument/202405071240_ilovepdf_merged_merged.pdf

5.4.2 - Alumni's financial contribution during the year

C. 5 Lakhs - 10 Lakhs

File Description	Documents
Upload any additional information	View

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 mission of the Institution

Governing Body (GB) is the highest decision making body of the Institut constitutes as per the guidelines of University Grants Commission (UGC) consist of Management representatives, Government Nominee, UGC nominee, (JNTUH) Nominee, Industrialist, Educationalist, Faculty members of the Principal is the Ex-officio member secretary.

The GB ensures preparation of Strategic Plan through bottom up approach all the stakeholders and implementation through top down approach. The the director/principal ensures that all decisions on the matters such a admission, budget, infrastructure, Teaching-Learning Process and placem line with Institute’s Vision, Mission and Quality Policy properly reach stakeholders and ensure proper implementation of the same.

The GB meets 2 to 3 times in a year to review the performance and makes contributions for overall growth of the organization. All the meeting p are duly recorded (minutes of the meeting) and the Action Taken Reports prepared and appraised to the GB regularly.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://mrec.ac.in/AboutUs/AboutMRECVisi

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

institutionalizedtransparent mechanism in management, Administration, f andacademic affairs. This mechanism delegates appropriateresponsibiliti top-level management to the down level andliberates the top management policymaking and majordecisions. The Governing Council is the highest d making bodythat formulates/ amends rules and regulations, delegates pow andresponsibilities to various committees, principal, Deans, Heads ofth Departments (HoDs) and heads of the sections. All thestakeholders of th institution have participative roles in variousdecision-making committe External stakeholders like Statutorybody Nominees, State government Nom University Nominees, Industry experts, Employees, Educationists, Scienti 20% ofall the committee members. Faculty occupies 60% and Students, Alu 10% of the committee members. The remaining 10% of thecommittee members Management. There are 38 active committeesin the college which work con uphold all-round developmentof the students. The following are the few level decentralization ofvarious activities in vogue in the institution

For the unpredictable expenses to ensure the smooth functioning ofthe a delegation of financial powers as follows.Principal- 2,00,000/- HOD-60, Committees’ coordinators-20,000/-

File Description	Documents
------------------	-----------

Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://mrec.ac.in/AboutUs/AboutMRECVi

6.2 - Strategy Development and Deployment

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

Activity successfully implemented based on the strategic plan

To strengthen the Centre of Excellence (CoE) in Engineering and Technol setup more Incubation Centers and Startups.

Office of the Development Commissioner (MSME), Government of India reco as Host Institute (HI) for implementation of the Incubation component u Innovative Scheme (MSME Champions scheme) with file no.: 17(2) MSME INNOVATIVE/PMAC/2021-22 On March 8th 2022 after all documents verificat

Under MSME 1.0 Idea Hackathon MREC submitted 11 best Ideas after all sc individual department level.

First MREC Business Incubation Centre coordinator identified department coordinators and invited innovative ideas from each department students faculty through google form.

After receiving responses central coordinators such as Institution's In Council Convenor, Entrepreneurship Development Cell Coordinator and Bus Incubation Centre Coordinator and all hods formed 5-6 pannels to valida submitted ideas to fulfill the requirement of MSME Idea Hackathon 1.0.

After validating 54 responses, panel members forwarded 20 innovative id further verification. Central team finalized 11 best Innovative ideas t MSME IDEA HACKATHON 1.0

MSMEpublishedResults. MREC student Mr. Ganesh Rao got 15 Lakhs funding Innovations Champions Schemeon F.No. 6(19)/Sanction to CAN/Incubation/2 Dated 17/08/2022.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://mrec.ac.in/About_SRR/MREC%20%20Institutional%20Strategic%20Plan.p
Upload any additional information	View File

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

hierarchy and structure to support decision making process which is clear and consistent with its purposes and supports effective decision making. Gov consists of Academic Council/Director/Principal/Deans/HoDs and Senior Faculty Members. The body meets once in a semester in general and it may meet in response to exigencies. Decisions like the introduction of a new course, the existing courses, construction of new blocks, enhancement of physical facilities and other initiatives for improvement of the MREC are taken in the form of society resolutions in the Governing Body meet. The administrative structure of the institution is visible as per the Organogram chart of the organization. Quality Assurance Cell (IQAC) monitors functioning of the statutory and statutory committees. Deans, IQAC, Administrative officer, Controller of Examinations and other section heads like Training & Placement, Industry Interaction cell, Entrepreneur Development Cell, etc. shall report to the respective Section heads. Services have been formulated as per the guidelines of authorities like affiliating university JNTUH and approval body (AICTE/ UGC).

File Description	Documents
Paste link to Organogram on the institution webpage	https://mrec.ac.in/AboutUs/InstitutionalOrganogram
Upload any additional information	View File
Paste link for additional Information	https://mrec.ac.in/Policies/Policy

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) Documents	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

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

Malla Reddy Engineering College (MREC) trusts the contribution of its employees towards its overall development and progress of the institution. The institution formulates and effectively implements welfare measures for teaching and non-teaching staff.

The following Welfares are implemented for teaching and non-teaching staff

- Employees are covered under EPF Gratuity and Group Insurance.
- Study leaves, maternity leave, medical leave, Marriage leave and leave on parent's demise are sanctioned to the required staff.

- Financial assistance is offered for pursuing higher studies.
- Personal hand loans are provided
- 100% Registration fees, travel grants are given for faculty attending Conferences, FDPs and workshops.
- Honorarium for publications of Papers, Patents, Book, Bookchapters are provided.
- Greeting card along with Rs 400 /- is given to staff on their birthd occasion.
- Celebrating festivals through Faculty club and giving awards for be performers.
- All the staff is provided with two early or late permission facilit month.
- Free transport and medical facilities are provided to all the staff
- Sports, Gym, Yoga, Daycare center and CICI bank and ATM facilities a with in the campus
- Summer vacation is provided
- Delicious food is provided to all staff with subsidized rates in MR

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://mrec.ac.in/NAACDocument/20240508134433-6.3.123%20STAFF%20WELFARE%20EXPENDITURE.pdf

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

264

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

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

34

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

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development during the year: (Professional Development Programmes, Orientation / Induction Programm

Courses, Short-Term Course, etc.)

273

File Description

Summary of the IQAC report

Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)

Upload any additional information

6.4 - Financial Management and Resource Mobilization**6.4.1 - Institution conducts internal and external financial audits regularly**

The institute conducts regular financial audits by a certified & recognized through the CMR Educational Society. Internal audits are also performed Management/ Principal /IQAC. The institute ensures that financial audits on all the aspects of the financial functioning of the institute in a systematic procedure, following the financial policies. Final audit reports are approved and ratified by the institution's Governing Body. The Finance Committee head Principal conducts a periodic internal finance audit for the verification validation of payments, receipts, cash books, and ledgers for compliance. The institute engages a reputed firm/agency for conducting an external audit once in a financial year. The audits are duly approved by authorized officers. This way the audits ensure that all the functions are carried out in the interest of the institute and are directed towards the prosperity of the

Finance Committee meets 2 to 4 times a year and reviews the income-expenditure statements and suggests a further action plan. Management through Governance looks into income and expenditure patterns and pragmatic recommendations. An effective financial management system is in place and helps the institute's overall development.

File Description

Documents

Upload any additional information

[View File](#)

Paste link for additional information

<https://mrec.ac.in/AboutUs/AboutMRECAudit>**6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists year (not covered in Criterion III and V) (INR in lakhs)**

8.25

File Description

Annual statements of accounts

Details of funds / grants received from non-government bodies, individuals, philanthropists during the year

Any additional information

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

MOBILIZATION OF FUNDS:

CMR Educational Society continues to remain as the lifeline of Malla Reddy Engineering College (MREC) for providing the required funds, mechanisms other sources of resources as well. Management encouraging staff to apply Government funds, consultancy services. Resources can also be mobilized from philanthropists, alumni and other NGO's. Such resources shall be utilized for specific purpose for which they have been sponsored

Optimal Utilisation of Resources:

The Governing Council and Finance Committee of Malla Reddy Engineering College (MREC) meets twice a year. The major decisions about growth and development of the institute are taken by the members of these committees. These committees approve proposals, approve them and allocate budgets according to the vision of the institute.

The institution involves all the departments in institutional planning. Each department submits its short term, intermediate term and long term plan for departmental improvement after discussion with the faculty members of the department. The infrastructural, equipment, ICT, academic and financial plans are presented and discussed with the administration. A budget and plan document is created and a time frame is agreed upon. Equipment Purchase, Library Book Purchase, Journals Purchase, IT Infrastructure, Students Council Activities, Faculty Development

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://mrec.ac.in/AboutUs/AboutMRECAudit

6.5 - Internal Quality Assurance System

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

- In pursuit of excellence towards offering outcome-based education, Ranked in the DIAMOND BAND with A+ Grade in OBE Rankings 2023.
- In National Institutional ranking framework, India ranking 2023, is positioned in the band of 101-150 in the innovation category.
- Institution's Innovation Council received 4 - star rating for IIC C 2022-23
- Received ISO Certification for the year 2022-23
- Institution has been rated AAA+ by careers360, making it one of the engineering institutes in the country 2023

File Description	Documents
------------------	-----------

Upload any additional information	View File
Paste link for additional information	https://mrec.ac.in/NAACDocument/20240430130123.pdf

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

IQAC periodically reviews the teaching-learning process, structures and methodologies of operations, and learning outcomes through the following Calendar: The Institute prepares and dispenses the academic calendar right at the start of the year, allowing space for activities such as seminar/ guest workshops/ FDP's/ certification programs, and remedial teaching. Preparation of Lesson Plans: The lesson plan is prepared by the faculty members for all subjects they teach in that particular semester. The lessons are detailed and encompass a wide variety of activities such as objectives, instructional materials, and additional resources.

Display of Timetables Timetables are prepared in accordance with the academic calendar showing details such as subjects, teachers and lecture rooms. They are displayed on the notice boards and digital copies are sent to students and concerned teachers. Evaluation of Teaching: The institution has a feedback system to evaluate the teachers. The regular evaluation of the teachers by the students, along with feedback on teaching methodologies, course delivery, strengths and weaknesses, and difficulties faced in the subject give a clear idea about the problems of the students. Director and management also monitor the feedback system and take appropriate corrective actions.

File Description	Documents
Upload any additional information	View
Paste link for additional information	N.

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://mrec.ac.in/IQA
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institute has adopted the following different measures to promote gender equity.

Practices to promote Gender equity:

Various occasions like International Women’s Day, Bathukamma festival, vana samaaraadhana etc are celebrated with an objective to empower women autonomy. Successful women who can inspire the women faculty and the girls are invited as Guests of honour for International Women’s Day celebration. Bathukamma festival is a traditional floral festival celebrated in the Telangana. Management members, staff and girl students together celebrate festival.

Special facilities provided for women:

Security personnel are deployed at appropriate locations to doubly ensure safety. The CC Cameras that encompass every corner of the institute supplement the physical

security. Counselling is an integral part of the routine practices in the institute. Common room facility available in each of all the department facility takes care of the toddlers.

Women Protection Cell:

A Women's Protection cell constituted by women faculty members handles and security issues of both girl students and women. The members of the regularly interact with both the target groups. Grievance redressal cell involves in few issues of concern.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://mrec.ac.in/NAACDocument/202405010523_23_7.1.1.1.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 F

Any other relevant information	View F
--------------------------------	------------------------

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

- Dust bins are provided across the campus to collect the garbage whi segregated to dry and wet waste, treated properly, and dumped at th designated location to get the compost prepared. This compost is fe plants in the campus. An MoU with Urban Rebox IT helps in effective waste management.
- The campus's liquid waste is discharged into an underground drainag that is connected to a Sewage Treatment Plant (STP). Sewage water f buildings is collected and filtered properly to remove any kind of waste. Then this water is treated in different stages in the STP to odour. Finally, this water is treated with the permitted disinfecta used for gardening.
- Urban Rebox IT collects and disposes E-Waste in a safe and environm friendly manner periodically as a part of the MoU.
- The biomedical waste such as sanitary napkins are collected by the from Malla Reddy Multispecialty Hospital every month for safe dispo
- The departments in the institute does not use hazardous chemicals a radioactive materials. The Chemicals which are used in the first-ye laboratories are of non-hazardous type.

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

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

File Description	Document
Geotagged photographs / videos of the facilities	Vic
Any other relevant information	Vic

7.1.5 - Green campus initiatives include

<p>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</p> <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 	<p>A. Any 4 or All of the above</p>
---	-------------------------------------

5. Landscaping	
File Description	Doc
Geotagged photos / videos of the facilities	⋮
Various policy documents / decisions circulated for implementation	⋮
Any other relevant documents	⋮
7.1.6 - Quality audits on environment and energy undertaken by the institution	
<p>7.1.6.1 - The institution’s initiatives to preserve and improve the environment and harness energy are confirmed through the following:</p> <ol style="list-style-type: none"> 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	Doc
Reports on environment and energy audits submitted by the auditing agency	
Certification by the auditing agency	
Certificates of the awards received	
Any other relevant information	
<p>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 reading materials, screen reading, etc.</p>	A. Any 4 or all of the above
File Description	Docu
Geotagged photographs / videos of facilities	⋮
Policy documents and brochures on the support to be provided	⋮
Details of the software procured for providing assistance	⋮

Any other relevant information	1
--------------------------------	---

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

MREC has implemented various measures for providing an inclusive environment. The institute provided equal opportunity to all individuals and respected their opinions on all the fora.

- The reservation policy is followed strictly as per the government norms to provide equal opportunity for the students of every section of society.
- Mentor-Mentee system ensured proper guidance and counselling to all students irrespective of their background.
- Various festivals like Sankranti, Bathukamma, Krishnashtami, Christmas are celebrated so that the staff and students get to know the intricacies of various cultures and their social importance.
- Also, few youth exchange programmes are organized in the campus by association with JNTUH.
- Activities related to environmental conservation, judicious usage of resources, increasing influence of science and technology, and gender equity are conducted by the NSS to promote the values among the students.
- The mandatory induction programme implemented at MREC helped the students to adopt good lifestyle habits and bring harmony in their life.
- SAC, through its variety of clubs, helped to promote tolerance and respect among the students.

File Description

Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)
--

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

MREC conducted various programmes to sensitize the staff and students about their constitutional obligations like values, rights, duties, and responsibilities towards the citizens.

- Programmes like Republic Day, Independence Day, Rashtriya Ekta Diwas, Constitution Day, National Voters' Day, etc are conducted regularly at the institute with an objective to educate the staff and students about fundamental rights and duties as granted in the constitution of India. On such occasions are used to help the students to imbibe democratic values.
- The NSS coordinators organized pledge campaigns in the college to build awareness about the vote and its importance, unity, and diversity, particularly to the students.
- Responsibility towards the society in terms of educating the ignorant background people, striving for environment sustainability, etc are among the students through various social service programmes implemented by the NSS.

- Special care was taken to ensure that the students are enrolled in electoral list as and when they attain the eligible age of 18 years
- The institute believed in the concept of 'Good citizens are made, n Accordingly, the above measures are contemplated and implemented so carve a professional engineer as a responsible citizen of the count

File Description

Details of activities that inculcate values necessary to transform students into responsible citizens

Any other relevant information

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

A. All of the above

File Description

Code of Ethics - policy document

Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims

Any other relevant information

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

The college celebrates various national and international commemorative festivals as well with the objective to bring awareness among the student community about the importance of those days and festivals. Also, student experience of organizing an event, working in a team, time management etc following are the events organized in the college:

- National Youth Day – Swami Vivekananda Birthday
- Sankranti Samburalu – Local harvest festival
- Parakram Diwas
- Republic Day
- National Science Day
- International Women’s Day
- World Water Day
- National Technology Day
- World Environment Day
- International Day of Yoga

- Independence Day
- Teachers' day
- Engineers' day
- World Students Day
- Bathukamma celebrations - Local floral festival Christmas

In addition, two more events are conducted in the college - Akshara and Akshara is a two-day national level student techno cultural fest that i bring out the talent among the students. Sir Mokshagundam Visvesvaraya anniversary Sep 15, is celebrated as Engineers' Day. On this occasion t project expo 'Vishesh' is conducted in the college premises where stude the working models and prototypes developed by them.

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

7.2 - Best Practices

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

In its journey of about two decades, the institute has encountered nume challenges. The institute has put the efforts in right direction to con challenges into opportunities. Thus, a variety of 'Best practices' have from this kind of perception. The following are few of the many such 'B practices' implemented successfully by the institute.

1. Centre of Excellence- Venue for skill development
2. Ecosystem for promoting sportsmanship
3. Assisted Collaborative Teaching (ACT) hour
4. Course Monitoring Committee (CMC) meeting
5. Curriculum Development
6. Deans and Department Heads Meeting (DDH)
7. Effective leadership - Team building
8. Engineers and Society
9. Online Exam Registration
10. IIIC - Industry intervention in the growth of the institute
11. Knowledge Resource Centre - the abode of knowledge
12. Research Review Meetings (RRM)
13. Students' Associations Council (SAC) nurturing the latent talent am students
14. Staff get together
15. Value added courses
16. Wall magazine
17. Proctored online mid exams
18. Digital evaluation

File Description	Documents
Best practices in the Institutional website	http://mrec.ac.in/NAACDocument/20240512094648-22-23_7.2.1.1_%20Best%20practices%20in%20the%20institutional%20
Any other relevant information	http://mrec.ac.in/NAACDocument/20240503061944-22-23_7.2.1.2_Relevant%20information.pdf

7.3 - Institutional Distinctiveness

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

MREC adopts various unique measures to help and support the students and members. A few of them are discussed below.

Student related activities:

- The institute provides ways and means to the students to explore and their innate talent in co-curricular and extra-curricular events.
- Students' Associations Council (SAC) is an agglomeration of various clubs like Singing club, Dance club, Fine arts club, technical club club, Sports club, Social service club etc. These different clubs p conduct various activities in the afternoon session on every workin
- Apart from these SAC activities, special care is taken by the insti offer Skill development training programmes to the students to ensu students get suitable placement opportunity.

Faculty related activities:

- Our institute adopts a novel way of energizing the staff members. A staff members irrespective of their designation / role are invited their family members for a 'Get together' in an amicable and access location once in a semester.
- Faculty members are encouraged to take up quality research by provi suitable incentives based on their contribution in the form of rese papers, patents, books and book chapters etc.

File Description	Documents
Appropriate link in the institutional website	http://mrec.ac.in/NAACDocument/20240512094648-22-23_7.3.1.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. To improve the NIRF Ranking further.

2. To achieve 4-star rating in IIC
3. To expand the lab infrastructure for more utilization by students a for research activates and skill development.
4. To encourage students for enrollment in NCC army wing and to give n NCC training at the first-year level.
5. To renew NBA accreditation for eligible UG programs and to apply fo IT UG Program, MBA PG Program.
6. To strengthen SAC activities further and encourage students to part National and International events.
7. To extend necessary guidance and support to the enthusiastic Entrep through Business Incubation Centre.