



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution		Mangalore Institute of Technology & Engineering
• Name of the Head of the institution		Dr Prashanth C M
• Designation		Principal
• Does the institution function from its own campus?		Yes
• Phone no./Alternate phone no.		08258262698
• Mobile No:		9972099169
• Registered e-mail		principal@mite.ac.in
• Alternate e-mail		dean-qa@mite.ac.in
• Address		Badaga Mijar, Moodabidri
• City/Town		Dakshina Kannada
• State/UT		Karnataka
• Pin Code		574225
2.Institutional status		
• Affiliated / Constitution Colleges		Affiliated
• Type of Institution		Co-education
• Location		Rural

• Financial Status	Self-financing				
• Name of the Affiliating University	Visvesvaraya Technological University, Belagavi				
• Name of the IQAC Coordinator	Dr Vinayambika S Bhat				
• Phone No.	08258262699				
• Alternate phone No.	9902335771				
• Mobile	9902335771				
• IQAC e-mail address	dean-qa@mite.ac.in				
• Alternate e-mail address	vinayambika@mite.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	chrome-extension://efaidnbmnnnibpcajpcgclefindmkaj/https://mite.ac.in/wp-content/uploads/2024/03/AQAR-AY-2022-23.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://mite.ac.in/calendar-of-events/#1730863734376-c1936d94-2788				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A+	3.44	2021	28/12/2021	27/12/2026
6.Date of Establishment of IQAC			02/08/2013		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institutional grant	Research Grant	Karnataka Innovation and Technology Society (KITS), Govt. of Karnataka	2024,3 years	1,86,00,000
Mechanical Engineering	Research Grant	Science and Engineering Research Board (SERB), Govt. of India	2024,3 years	18,30,000
Mechanical Engineering	Research Grant	K-Tech, Karnataka Innovation & Technology Society, Govt. of Karnataka	2024,1 year	4,00,000
Department of AE, CV, CSE, ECE, ISE, ME, MT, MBA	Student Project Programme	KSCST, Government of Karnataka	2024,1 year	1,27,500

8. Whether composition of IQAC as per latest NAAC guidelines	Yes	
<ul style="list-style-type: none"> Upload latest notification of formation of IQAC 	View File	
9. No. of IQAC meetings held during the year	1	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	

<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> If yes, mention the amount 	
11. Significant contributions made by IQAC during the current year (maximum five bullets)	
Electronics & Communication Engineering program Re-accredited by NBA	
Outcome of student project to publish in Journal / Conference Proceedings and / Patent	
Mandatory MOOC - NPTEL certification program for all staff members & Every faculty members have at least one professional body membership specific to domain/specialization	
Globally competitive quality education through one of the strategic plan collaborator Indo Universal Collaboration for Engineering Education(IUCEE)	
Conducted FDP on Critical thinking and problem solving techniques , Short term course on autonomous vehicle, MATLAB/Simulink programming, Pedagogy for design thinking	
12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year	

Plan of Action	Achievements/Outcomes
Accreditation by NBA for all the eligible UG / PG Programmes.	NBA accreditation for Electronics & Communication Engineering program has been renewed.
Faculty research and outcome of student project to publish in Journal / Book chapter and Conference Proceedings	Faculty research work and student project outcomes has been published in 193 Journals, 7 Book chapters and 33 Conference proceedings
Mandatory MOOC - NPTEL certification program for all staff members & Every faculty members have at least one professional body membership specific to domain/specialization	168 students and 48 faculty completed MOOC - NPTEL certification and faculty members having ISTE membership in addition to domain specific professional body membership
FDP on Critical thinking and problem solving techniques , Short term course on autonomous vehicle, MATLAB/Simulink programming, Pedagogy for design thinking	Successfully conducted FDP on Critical thinking and problem solving techniques , Short term course on autonomous vehicle, MATLAB/Simulink programming, Pedagogy for design thinking
Globally competitive quality education through one of the strategic plan collaborator Indo Universal Collaboration for Engineering Education(IUCEE)	3 faculty members and 27 students have been trained on the latest trends in Engineering and Management by IUCEE .

13.Whether the AQAR was placed before statutory body?	No
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- Name of the statutory body

Name	Date of meeting(s)
Governing Council	Nil

14.Whether institutional data submitted to AISHE
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Year	Date of Submission
2024	05/04/2024

15. Multidisciplinary / interdisciplinary

Institute guide students to develop the skills and mindset needed to tackle the complex challenges of the 21st century, which often require interdisciplinary and multidisciplinary approaches. Here are some ways adopted at MITE to teach a multidisciplinary and interdisciplinary culture. Promote Interdisciplinary Courses: Institute offers interdisciplinary courses as Open Elective that bring together students from different engineering disciplines to learn about topics that require inter-disciplinary knowledge. For example, courses titles offered during the AY 2023-24: Unmanned Aerial Vehicle, Python Application Programming, Environmental Protection and Management, ARM Embedded Systems, Digital System Design using VHDL, Energy and Environment, Mechatronics System Design. Facilitate Interdisciplinary Research: The institute encourages faculty members to collaborate on research projects that span multiple disciplines. Provide support and resources to help them establish interdisciplinary research teams. Interdisciplinary 5 Journal Publications & 5 Conference Proceedings published during the AY 2023-24. Organize Seminars and Workshops: The institute host seminars and workshops that focus on interdisciplinary topics. These events can bring together experts from different fields to share their knowledge and experience. 5 Seminar & Workshops organized during the AY 2023-24 by Research Methodology, IPR and Entrepreneurship cell. 42 hands-on sessions conducted across various Depts. Two editions of Alumni Technothon MITE (ATM) with 24 alumni as invited speakers, 24 alumni interaction sessions conducted by department associations. Encourage Participation in Competitions: MITE encourages students to participate in interdisciplinary competitions, such as robotics competitions, hackathons, or design challenges. These competitions allow students to apply their knowledge and skills in a multidisciplinary setting. During the AY 2023-24 :An interdisciplinary student innovative project actively participated in "BAJA SAE INDIA 2024". MITE developed a culture that values collaboration and teamwork within the institute. Encourage students and faculty members to collaborate across disciplinary boundaries to solve complex problems.

16. Academic bank of credits (ABC):

Mangalore Institute of Technology & Engineering (MITE), Moodbidri, was granted academic autonomy by the University Grants Commission (UGC) in 2023 -24. As part of our commitment to quality education

and compliance with national policies, the institution has successfully registered with the National Academic Depository (NAD) - NAD ID: NAD113002 Furthermore, we are in the process of establishing the Academic Bank of Credits (ABC) in alignment with the guidelines issued by the UGC. The preliminary framework for the same has been created, and we are currently working on uploading the credit details of first batch of students who have recently completed their first year of study.

17.Skill development:

The initiative to implement skill development programs in the Institute is aligned with the National Education Policy (NEP) objectives, which aim to make education more relevant, industry focused, and student-centric. The skill development programs in the Institute recognize the importance of developing skills and competencies that are relevant and useful in the job market. It is executed in many forms, including short-term courses, workshops, internships, and industry partnerships. These programs are designed to provide students with practical, hands-on experience in their field of study and help them to develop the skills and competencies in demand in the job market. Also, workshops on emerging technologies such as Artificial Intelligence, Internet of Things, and Robotics are provided to help students gain practical experience and develop the skills in demand in these fields. Internships with industry partners allowed the students to work on real-world projects, learn from experienced professionals, and build their professional networks. Moreover, a close collaboration is established with industry and other stakeholders to ensure that the programs are relevant and meet the job market's needs. This collaboration helped to bridge the gap between education and the job market, ensuring that graduates are equipped with the skills and knowledge they need to succeed in their careers. Following are the specific initiatives adopted to implement skill development programs in Institute. Collaboration with industry and other stakeholders: The Institute has closely collaborated with industry and other stakeholders. This collaboration helped to ensure that the programs are relevant, up-to-date, and meet the job market's needs. 19 number of collaborative activities conducted during the AY 2023-24. In addition, 9 Faculty members deputed to Industry oriented quality enhancement program. 14 Industry visits arranged across various Depts. during the AY 2023-24. Relevance and practicality: The skill development programs are designed to provide students with practical, hands-on experience in their field of study and help them develop the skills and competencies in demand in the job market. The programs are also designed to align with the needs and objectives of

the industry and other stakeholders. 5 Seminar & Workshops organized during the AY 2023-24 by Research Methodology, IPR and Entrepreneurship cell. 42 hands-on sessions conducted across various Depts. Two editions of Alumni Technothon MITE (ATM) with 24 alumni as invited speakers, 24 alumni interaction sessions conducted by department associations. Faculty development: The institution provides professional development opportunities for faculty to develop the skills they need to implement skill development programs effectively. 163 faculty members attended FDPs in reputed organizations. Skill development programs are conducted through 14 functional MoU's during the AY 2023-24. Use of technology: Technology is effectively used to provide students with access to a range of resources and opportunities for remote learning and collaboration. MATLAB Campus wide license renewed during the AY 2023-24 to enhance the students computational skills. It also support remote learning. In addition to the class room teaching onramp certification through this Modern tool, was conducted during the AY 2023-24. Continuous improvement: Audits are conducted to review and improve the programs to ensure they remain relevant, up-to-date, and effective. One internal audit and One external audit conducted during the AY 2023-24. The institution provides a comprehensive skill development program across four key domains. In the soft skills category, students underwent training by conducting events like Career Launch Pad and Navigating the art of interpersonal communication etc. For language and communication development, the institution provides English Lab sessions and professional communication training. Under life skills, were students engaged in yoga and physical fitness activities. For ICT and Computing skills, students receive technical training through various workshops, For example, Mastering control systems with MATLAB, Hands-on session covering the fundamentals of API development, and Hands-on session on Fundamentals of Node.js with Express frameworks etc. The Institution also conducted a Two- day workshop on Virtual Instrumentation for vibration analysis in Drones . This structured approach helps students develop a well-rounded skill set essential for their professional growth.

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

Visvesvaraya Technological University (VTU), Belagavi initiated the integration of Indian knowledge system during the AY 2023-24, to completely decolonize Indian mind by generating interest and healthy critical reverence for the unbroken knowledge traditions of INDIA for the welfare of the world. The following courses introduced to the students: 1) Yoga 2) National Service Scheme 3) Physical

Education

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

Outcome Based Education (OBE) is an educational approach focusing on the outcomes or competencies students should achieve by the end of their education rather than just teaching and covering a set curriculum. This approach aligns with the National Education Policy (NEP) in India, which aims to make education more student-centric and focused on developing skills, knowledge, and values that are relevant and useful in real-life situations. Mangalore Institute of Technology & Engineering, affiliated with Visvesvaraya Technological University Belagavi. The Outcome-Based Education model is being practiced in all the academic programs with well-defined course objectives and outcomes. The Institute implemented the OBE system in 2015, and 6 programs have been accredited by the National Board of Accreditation (NBA) under the OBE system. Workshops for the faculty members are conducted to reinforce the teaching-learning-assessment methodology, fostering 21st-century skills in students, such as critical thinking, problem-solving, communication, collaboration, and digital literacy. Also, training focuses on creating measurable and attainable learning outcomes for their students and designing their curriculum and assessment methods accordingly. This will involve using authentic assessment methods, such as projects, case studies, and presentations, which will help students apply their learning to real-life situations and develop their practical skills. Two FDPs conducted on OBE for Quality Enhancement during the year. In addition, faculty members are persuaded to undergo OBE-related courses through the SWAYAM platform and other online certification programs. Also, a close collaboration is established between the Institute, industry, and other stakeholders to ensure that the learning outcomes and curriculum are aligned with the needs of the industry and the broader society. This will help bridge the gap between education and the job market, ensuring that graduates have the skills and knowledge they need to succeed in their careers. Following are the categorical initiative taken for the deployment of OBE in the Institute: Defining and aligning learning outcomes: Every course has a set of defined learning outcomes that students should achieve by the end of their education. This is established in collaboration between the college, industry, and other stakeholders to ensure that the outcomes are relevant, measurable, and attainable. Curriculum delivery mechanism: Teaching and assessment methods for the curriculum in line with OBE. Authentic assessment methods: Assessment methods are designed to measure the achievement of the learning outcomes. Assessment strategies are designed to reflect real-life situations and require students to apply their

learning, such as projects, case studies, and presentations.

Continuous improvement: Two Academic audits are initiated to continuously review and improve the curriculum and assessment methods and ensure that they remain aligned with the changing needs of the industry and society.

Industry engagement: Regular interaction with industry and other stakeholders is in progress to ensure that the learning outcomes and curriculum are relevant and up-to-date. 9 Faculty members deputed to Industry oriented quality enhancement program. 14 Industry visits arranged across various Depts. during the AY 2023-24.

Faculty development: The Institute provides professional development opportunities for faculty to learn about OBE and to develop the skills and knowledge needed to implement it effectively through arranging workshops, seminars and webinars. 48 faculty members completed NPTEL course during the AY 2023-24.

20.Distance education/online education:

Not applicable as Institute is affiliated to Visvesvaraya Technological University (VTU), Belagavi.

Extended Profile

1.Programme

1.1	570
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	3075
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	252
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File
2.3	698
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	178
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	39
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	56
Total number of Classrooms and Seminar halls	
4.2	1665
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	1095
Total number of computers on campus for academic purposes	
Part B	
CURRICULAR ASPECTS	
1.1 - Curricular Planning and Implementation	

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

MITE follows a systematic process to ensure effective curriculum delivery. With UGC granting autonomous status from the AY 2023-24, MITE has revised syllabus for all programs, including the first year, while continuing its affiliation with VTU, Belagavi. Students admitted before 2023-24 follow the VTU curriculum, whereas new batches adhere to the updated syllabus aligned with UGC guidelines.

A Calendar-of-Events (CoE) is prepared in line with the university's academic schedule, covering assessments and co-curricular activities. This CoE is reviewed by the Academic Committee and disseminated to departments, which create their own schedules accordingly. HoDs assign courses to faculty based on expertise and preferences. Faculty prepare COs using Bloom's Taxonomy and map them to Pos and PSOs. These are reviewed by the PAC and approved by the DAB.

Departments finalize timetables, including theory, lab sessions, remedial classes, and certification courses. Faculty deliver lessons using ICT tools and innovative pedagogy, emphasizing OBE. Support is provided to slow learners through remedial classes, while advanced learners are encouraged to MOOCs to enhance skills.

The Academic-Committee monitors course progress, reviews outcomes, and ensures corrective measures are taken. This process ensures curriculum effectiveness, achievement of outcomes, and MITE's vision of providing globally competitive education.

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

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

The institutional Calendar of Events (CoE) is prepared in accordance with the university academic schedule which includes the duration, schedule for internal, external assessments, and co, extracurricular activities. Further, every department prepares its CoE in line with the institution's CoE and shares it with the concerned.

The CoE help faculty members to plan their respective course delivery, academic and co-curricular activities. Department heads closely supervise and monitor the completion of the syllabus as per the lesson plan prepared by faculty members. Syllabus coverage for each CIE is decided well in advance and faculty members adhere to it.

The schedule of Continuous Internal Evaluation (CIE) and Semester End Examinations (SEE) are planned by Examination Committee headed by Dean-Examination/Controller of Examinations (Autonomous) in line with institutional CoE. The CIE and SEE are conducted as per planned schedule.

There is a well-defined process for the conduct of CIE, the course instructor prepares IA question paper based on the revised Bloom's Taxonomy along with the scheme of evaluation, reviewed by the stream coordinator and approved by the HoD. Post conduction of IA tests, evaluation of answer scripts is done and results are announced adhering to the CoE.

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

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.
Academic council/BoS of Affiliating University
Setting of question papers for UG/PG programs
Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
Assessment /evaluation process of the affiliating University

B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented****1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented****13**

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)****5**

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**1900****1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year****1900**

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

The institute follows curriculum prescribed by the university and integrates various socially relevant cross-cutting issues like ethics, human values, environment, etc., across UG and PG programs to sensitize the students.

Human values and professional ethics are addressed through the course "Constitution of India, Professional Ethics and Cyber Law", "Universal Human Values", "Social Connect and Responsibility", "Scientific Foundations for Health" offered in the engineering programme. The primary objective of this course is to ensure that the students have knowledge of the constitution, fundamental duties and rights of citizens, professional ethics and the responsibilities of engineers. The course also provides awareness about cybercrimes and cyber laws. The students of First Year UG will undergo Student Induction Program (SIP) in which cross-cutting issues like Human Values and Professional Ethics are addressed.

Apart from the above, the institute organizes various awareness programs and activities on cross-cutting issues with the support of external organizations and experts. The NSS activities, Swachh Bharath Abhiyan, blood donation and health awareness camps conducted by Youth Red Cross Unit play vital roles in promoting inclusive environment towards regional and socioeconomic diversities among students making a Positive difference and shaping them into wholesome professionals.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year**874**

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships**2182**

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://mite.ac.in/stakeholders-feedback/

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

1098

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

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

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

201

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

2.2 - Catering to Student Diversity

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

MITE offers support to all students based on their learning levels, which are determined by a clearly defined process. For newly admitted students, the procedure begins with an orientation session and continues with an induction program to acquaint them with the institution and also to sensitize them towards exploring their academic interest and activities.

Students are classified as slow or advanced learners based on their performance and participation in academic activities. Specialized programs, outlined below, are offered to help them achieve improved performance in both academics and co-curricular activities.

Support for Slow Learners:

- Conduction of remedial classes.
- Providing additional study materials.
- Personal counseling by mentors, as well as professional counseling for those who require it.

Support for Advanced Learners: Advanced Learners are encouraged to

- Undertake Massive Open Online Courses (MOOC) offered by NPTEL, Coursera etc., and BE Honors from affiliating University.
- Take key responsibilities in college and department-level committees.
- Participate in conferences, workshops, etc.
- Take competitive exams to pursue higher studies.

Support for Slow, Advanced Learners and others:

- Interaction between parents and teachers.
- Industry relevant Certification programs are offered through the established Centers of Excellence(CoE) on the campus.
- Technical sessions/workshops conducted by professionals and alumni through Department Forums.

- Financial and technical support to nurture innovative ideas and assist in filing patents.

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

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

Number of Students	Number of Teachers
3075	178

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

MITE practices a various student centric approaches towards experiential learning, participative learning and problem-solving methodologies. In line with this, students are encouraged to learn through various activities like, Seminars, Mini-Projects, Language Lab, Industrial Visits and Field Work. In addition to above mentioned activities, the students are encouraged to take up MOOC courses which provide deeper understanding of topics. Further, laboratory courses provide hands-on experience. Department forum and Career Guidance cell conducts activities to enhance the student's knowledge, leadership and team building skills. To nurture entrepreneurial mindset among students Ideathons are conducted. Events such as Hackathons, Codathons are conducted to sharpen problem solving and coding skills of students.

Students are offered Learning Beyond curricula through the Employability Skills Development Program (ESDP) which is designed to improve their technical skills, soft skills and to make them industry ready. Certification Courses on Automation Technology and Design Tools are offered through the Centres of Excellence established in the campus by Bosch Rexroth and SIEMENS respectively. Apart from these, students are also provided certification programs in the cutting-edge technologies through our MoUs with KPIT,

Salesforce and UiPath, thus making the students industry ready.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://mite.ac.in/wp-content/uploads/2025/01/AQAR_2023_24_2_3_1_Student-Centric-methods.pdf

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

Mangalore Institute of Technology & Engineering (MITE) has embraced an advanced ICT-enabled learning methodology to enhance the teaching-learning process. The campus features a robust ICT infrastructure, including a Wi-Fi-enabled environment with a 1 Gbps internet connection. The institute's smart library provides extensive access to e-resources and journals. Multiple ICT-enabled classrooms facilitate presentations and animations to enrich the learning experience. Additionally, learning materials and question banks are readily accessible through the institute's website.

Teachers utilize diverse ICT tools such as MATLAB and Google Classroom for distributing study materials, assignments, and quizzes. They also employ simulation software like P-Spice and Xilinx, multimedia presentations, flipped classrooms, virtual labs, and the Kahoot platform for quizzes. Furthermore, resources such as NPTEL, e-Shikshana video lectures, and open-source IDEs are integrated to support practical learning.

The Innovation Center is equipped with state-of-the-art seminar halls, auditoriums, and video conferencing facilities to host seminars, workshops, and conferences. Collectively, these initiatives foster a dynamic, technology-driven academic environment that promotes innovation and effective learning.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://mite.ac.in/wp-content/uploads/2025/01/AQAR_2023_24_2.3.2_Supporting-Documents.pdf

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)**2.3.3.1 - Number of mentors****154**

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality**2.4.1 - Number of full time teachers against sanctioned posts during the year****178**

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year****60**

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)**2.4.3.1 - Total experience of full-time teachers****841**

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

Robustness:

The institution has a centralized Internal Assessment (IA) system. The Continuous Internal Evaluation (CIE) test schedule is prepared as per the dates notified in the Institute Calendar of Events(CoE).

Transparency:

Students are informed about the pattern of test question paper and the syllabus for the respective CIE test well in advance to ensure transparency and to avoid ambiguity. The questions are mapped to the Revised Bloom's Taxonomy by the faculty, verified, and approved by the Stream coordinator.

The answer scripts are evaluated and distributed to the students within the stipulated period as mentioned in the CoE. The faculty presents the scheme of evaluation and discusses it with the students to resolve any discrepancies related to the evaluation. Further, the consolidated CIE test marks are published to all the stakeholders through the college ERP system.

Frequency and Mode:

The CIE tests and assignments are conducted as per the institution's CoE strictly adhering to University guidelines/Academic regulations of the Institution. The final CIE marks in the theory course shall be the sum of the marks scored in the CIE tests and assignments. The

CIE marks awarded in the case of the Practical course shall be based on the conduction of the experiment, performance in the viva voce, record writing, and the performance in the CIE test conducted during the semester.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

MITE has an efficient system to deal with the grievances related to internal examination.

Transparency:

The internal examination-related grievances are resolved at the department level. The dates of resolving the grievances are notified in the Institute Calendar of Events(CoE). After each CIE test, the scheme of evaluation is discussed in the class along with evaluated answer scripts distributed to the students by the faculty, and any grievance about the evaluation is resolved during this process. Even after this, any student having further grievances related to evaluation can be through a grievance form can approach HoD. To avoid any discrepancies, the consolidated CIE marks of each test are published on the notice board and the college ERP system.

Time-bound and Efficient:

The faculty evaluates the CIE test booklets and distributes them to the students as per the CoE. The students verify their answer scripts in the presence of faculty and get their grievances resolved. Any grievances reported to HoD are resolved within a day. The finalized CIE mark is published on the notice board of the respective department at the end of the semester for student's viewing, if any discrepancy, students can report to the respective faculty and also to HoD for corrective measures. After making sure there are no discrepancies, CIE marks are submitted to the University/college examination section.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The institute practices outcome-based education (OBE), the Course Outcomes (COs) are defined based on the syllabus framed by the respective departments, reviewed by the Board of Studies (BoS) and finally approved by Academic Council. The defined COs are further presented to Programme Assessment Committee (PAC) and Department Advisory Board (DAB) and then communicated to the faculty members of the department.

The knowledge and skills that students are expected to demonstrate by the end of the course are defined as Course Outcomes (COs), which are central to achieving Program Outcomes (POs) and Program Specific Outcomes (PSOs). At the beginning of each semester, the faculty members teaching the course ensure that students are introduced to the COs during the first class.

Dissemination of COs and POs/PSOs:

The POs and PSOs are disseminated through the newsletter of the department and also displayed in prominent locations like HoD's chamber, common areas, and laboratories. The Academic record, Course file and Laboratory record are the channels used to disseminate the COs. Apart from these, the COs and POs/PSOs are made available on the institute website for all the stakeholders.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	View File

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

The attainment of COs-POs/PSOs are measured by using following methods.

- Direct Attainment
- Indirect Attainment

Direct CO Attainment:

The effectiveness of the COs is measured by considering the performance of students in the Continuous Internal Evaluation(CIE) and Semester End Examination(SEE). The assessment of the COs involves formative and summative assessment tools with a weightage of 50% each.

If COs are attained, then the higher targets are set for the succeeding years as a part of continuous improvement.

Indirect CO Attainment:

Indirect attainment of COs is calculated by using Course End Survey of respective courses with a target level of 75%.

Attainment of POs & PSOs:

The average level of CO-PO/PSO attainment is considered as a direct attainment of the respective POs/PSOs of the programme.

The indirect attainment of PO/PSO is calculated through program exit survey, employer survey and alumni survey. The overall attainment of POs/PSOs is calculated by giving 80% weightage to direct attainment and 20% weightage to indirect attainment.

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

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

689

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

https://mite.ac.in/wp-content/uploads/2025/01/AOAR_2023_24_2_7_1_Online-Students-Satisfaction-Survey-2023-24.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

209.575

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

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

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

8

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://mite.ac.in/academics-research/

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year**3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year****94**

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

3.2 - Research Publications and Awards**3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year****3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year****193**

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in**

national/ international conference proceedings during the year**41**

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

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

The students of the institute continue to participate in Anveshana, a National Level project exhibition event hosted by Agasthya International Foundation. The event typically involves collaborative projects between school and college students, where they identify real-life problems and develop working models. Some of the notable projects of the year 2023-24 are Pine Pod Transplanter, Two Motion Accelerator Grip for Scooters, Bine Crafter and Concrete composite material using repurposed PET bottle.

NSS, Red Cross and CSR clubs have been continued to reinforce the national vision by engaging all the stakeholders in Swachh Bharath Abhiyan, Medical camp, Awareness on Rural Development Schemes, Digital India.

The institution has actively engaged in spreading awareness about ecology and green initiatives through various impactful activities. These efforts have been recognized and appreciated by multiple Government and Government-recognized bodies, underlining the positive influence created in society.

Some notable recognition is an appreciation letter from the District Institute of Education and Training (DIET), Mangalore and appreciation letter from Regional Blood Transfusion Centre, Government Wenlock District Hospital, Mangalore for organising Blood Donation Camp.

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

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

9

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

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

31

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

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/

NCC/ Red Cross/ YRC etc., during the year**2050**

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

3.4 - Collaboration**3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year****15**

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year**3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year****14**

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

MITEhas an exquisite, lush green campus spread over 74 acres with a total built-up area of 54,420 sq. m.and has surplus infrastructure of global standards andadequate learning resources, beyond the minimumspecified requirement by statutory bodies.

Exemplary infrastructure includes

- 3-Academic blocks having 52 ICT-enabled AC classroomsalong with smart classes, 25-Tutorial rooms, 170-Staff-cabins,and 16 AC-cabins for HOD's/Deans, 51 well-equipped laboratories, 7 Research Centers, 3 Centers of Excellence, workshop block, Geo-Engineering block, Cultural Club activity room, Administrative Office, 3-lounges, 7-Hostel blocks with centralized dining facility, ample indoor and outdoor games facilities.
- 1095 computers, of which 398 Core i5 PCs were added during the year 2023-24, and the entire campus was enabled with 1Gbps Wi-Fi, LAN connectivity, and343 CCTV surveillance cameras, including 35 added during 2023-24.
- The institute has a corporate standard Incubation Centre, an Innovation Center, a Training and Placement Centre, 4-air-conditioned hi-tech auditoriums, and a two-level AC library.
- There are two-levelmulti-cuisine AC foodcourts, a Medical center, an ATM, a stationary store, a Photocopying Centre, 2-state-of-the-art gymnasiums, 4.7Lacs Lpd capacity STPs, Rainwater harvesting, 18 buses, 4 generators, Wheelchair, 4-Elevators and ramp facilities.

Incremental upgradation of infrastructure and refurbishment of the facilities enhance teaching-learning ambience.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mite.ac.in/wp-content/uploads/2025/01/AQAR_2023_2024_4_1_1_Infrastructure-Video.mp4

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

MITE has firm conviction to develop winning personalities with a global perspective through holistic development by going beyond curriculum and academics. Sports, cultural events, clubs, and other activities combined will form the extracurricular facilities along with regular curriculum activities.

The cultural club 'Euphoria' founded in 2008 with a spacious activity room of 200 sq. m. facilitates the students in 8-forums focusing on art, music, dance, mime, design, photography, oratory, and literature. Through this club, talented students are trained by topmost choreographers, designers, photographers, and artists to exhibit their talent on various platforms.

Institutes Hallmark Fest SENTIA and all other flagship events are conducted at exquisite MITE GREENS of area 3263 sq. m.

Departmental activities and technical events are conducted in 4 state-of-the-art auditoriums with an area ranging from 180 to 720 sq. m.

To develop balanced and wholesome individuals, regular sessions of yoga and wellness are conducted in a spacious hall of 400 sq. m.

Playground sprawling across 6-acres provides students with the opportunity to excel in sports arenas. 400-meter track ground, Cricket and Football ground, Volleyball court, Basketball Court of International Standard, Two synthetic-layered Badminton Courts, and Separate Gymnasium for Boys and Girls are the important sports infrastructures.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mite.ac.in/wp-content/uploads/2025/01/AQAR_2023_2024_4_1_1_Cultural-and-Sports-Facilities.mp4

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

56

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities**56**

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

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)****691.85**

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

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

MITE has established world-class infrastructure and learning resources to enhance effective teaching and learning. The institute boasts a two-level, fully-automated, centrally air-conditioned library with a seating capacity of 600, complemented by two well-furnished discussion rooms.

Library features an extensive collection of 31,950-volumes encompassing 6,316-titles (2,359-Volumes and 194-Titles added in 2023-2024). Along with technical-magazines, reports, and rare books, it is equipped with a surveillance system and provides a serene

environment for focused study.

Library is fully automated in 2007 with EASYLIB software of 4.4.2 version.

The digital library, a fully networked electronic environment, is equipped with 40-computers (36 available for user access) featuring high-speed internet. It offers access to over 27,429 e-journals and 1,31,514+ e-books across various fields of Engineering, Science, and Management, with remote access capabilities.

All library resources are barcoded, and transactions are seamlessly managed through a barcode interface. Books are systematically arranged subject-wise on open shelves, with bay guides assisting readers in easily locating their desired books.

Library is a member of the VTU-Consortium, National Digital Library, and NDLI club. These memberships grant access to e-journals, remote access to e-resources via Knimbus Digital Library, NPTEL lectures, and plagiarism detection software.

For more information about MITE Library visit
<https://mite.ac.in/library/>

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://mite.ac.in/wp-content/uploads/2025/01/AQAR_2023_2024_4.2.1_Video_Library.mp4

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

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)**4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)****48.75**

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)**4.2.4.1 - Number of teachers and students using library per day over last one year****615**

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

4.3 - IT Infrastructure**4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

MITE, with a vision to offer quality education, is focused on keeping stakeholders abreast of changing technologies by giving paramount importance to IT-infrastructure development and its timely upgradation.

The institute started with 140-computers in 2007 and is currently housing 1095-computers, many with Core-i5 processors and 8GB of RAM connected through LAN, distributed through the Central Computer Centre to entire academic and administrative sections. 398 new CORE i5 PCs' were added during the year 2023-24, and 113 laptops have been provided for faculty on a need basis since 2007.

The institute has 07-legal system software, 45-application software, and Centralized Modular UPS. MATLAB/Simulink campus-wide license

with remote access is renewed during 2023-24.

The internet facility is upgraded from 500 Mbps to 1Gbps during 2023-24 and has 27 Wi-Fi access-points.

The institution is accorded autonomous status from the year 2023-24; a new ERP-campus management system is deployed from CONTINEO for the management of all academic, administrative, and examination processes along with the existing System-DHI.

Institute is equipped with 81-projectors, 75-printers, 36-scanners and 343-surveillance IP cameras out of which 21-projectors, 10-printers, 11-scanners, 35-surveillance IP cameras are added during 2023-24. The institute has one smart class room/department, 3-high speed printers and 6-digital displays of 50".

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

4.3.2 - Number of Computers

1095

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support

facilities) excluding salary component during the year (INR in Lakhs)

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

1617.87

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

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

MITE has established strong systems, policies, and procedures to ensure flawless upkeep of both physical and academic resources.

The Central Maintenance Engineering Department, managed by the Maintenance Officer, supervises the refurbishment of campus infrastructure.

A dedicated team from housekeeping department is responsible for maintaining classrooms, essential amenities, and waste disposal.

Each laboratory is managed by a faculty-in-charge, supported by technical staff, and responsible for maintaining the laboratories/equipment. Regular servicing and calibration of sensitive instruments are carried out by personnel from manufacturing companies and certified agencies.

The system administrator oversees the maintenance of IT-infrastructure, while an external vendor handles the annual servicing of computers and accessories.

Library resources are managed through full automation. Key procedures for proper maintenance include registering new titles and volumes in the stock register, conducting annual audits, removing outdated books, and binding damaged books.

Sports infrastructures are managed by the sports-committee and Physical Director. Hostel amenities are maintained by housekeeping

staff, and mess manager oversees the quality of food. Solid-waste and e-waste are disposed through authorized scrap vendors and licensed e-scrap agencies. Sewage-disposal is efficiently handled using STPs. These efforts have contributed in creating a vibrant campus life, making MITE a highly preferred institute for all stakeholders.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

814

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

780

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File
5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above
File Description	Documents
Link to institutional website	https://mite.ac.in/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
1645	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
1645	
File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The Institution has a transparent mechanism for timely redressal of student	A. All of the above

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

337

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

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

5.2.2.1 - Number of outgoing student progression to higher education

23

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

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

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

20

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

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

8

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

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

MITE - campus of opportunities, believes in participation of students in decision-making process for overall progress of the institution. The institute has provided ample opportunities for student representation in various administrative, co-curricular and extra-curricular activities to empower them with pertinent graduate attributes. Class Representatives from every class of each department are the members of Class Committee, supporting the Department in academics, and related activities. Student placement coordinators, institute level Sports and Cultural coordinators from each section, support placement activities and organize Institute level events. Department Association has student representations for various key positions like President, Vice-President, Treasurer, Joint Secretary etc., through class nomination. Student representation in Internal Quality Assurance Cell, other institute level committees, helps towards continuous improvement of academic processes. "Euphoria" the cultural club, Student Chapters of various Professional bodies support provided for student participation in techno-cultural/sports/Extension activities, nurtures hidden talents and empowers them to become proactive lifelong learners. Organizing State level fest and other annual events by Student Committees, winning reputed national /industry level, inter institute, techno cultural and sports awards, distinguishing positions held by alumni affirms untiring efforts of the institute towards the pledge "where stones turn into diamonds".

File Description	Documents
Paste link for additional information	https://mite.ac.in/wp-content/uploads/2025/01/AQAR_2023_5.3.2_Student-Representation-Engagement.pdf
Upload any additional information	No File Uploaded

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

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

18

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

MITE guided by core value of "family culture" believes Alumni, as an integral part of MITE family, present achievements and future hope. The institute has ensured that its esteemed alumni continue to be the part of ecosystem by establishing MITE Alumni Association in 2011, having chapters at Mangalore and Bengaluru , now a registered body (DRDK/SOR/40/2021-2022) comprising 3857 members. Core committee of Alumni Association works to connect alumni to support students through diversity of events and services. Registration link in the website forevermiteans.mite.ac.in focuses on improving the alumni network. Alumni continue to contribute significantly towards institution as expert members in academic and administrative bodies, as facilitators delivering invited talks, conducting technical skill development programs, workshops, providing opportunities for internship, projects and industrial visit. Lifelong commitment of the institute with alumni is evidenced through establishment of State- of- the- art "MITE ALUMNI INNOVATION CENTRE " at the cost of 2.5 crores , INR 30 lakhs reserved as seed money towards entrepreneurship , start- up companies by alumni , Two editions of Alumni Technothon Meet (ATM) with 24 alumni as invited speakers, 06 alumni interaction sessions by department associations and additional fund 47.65 lakhs generated from membership fee during 2023-24.

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

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

A. ? 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The governance of Mangalore Institute of Technology & Engineering (MITE) an autonomous Institution since 2023-24 affiliated to VTU, Belagavi is deeply aligned with its vision and mission, ensuring that its strategic direction is both effective and sustainable. At MITE, the governance is defined by visionary and dynamic leadership, guiding the institution toward continued excellence.

The Institution's strategic plan outlines clear short-term and long-term goals, providing a comprehensive roadmap for achieving its vision. Institutional policies are carefully crafted and periodically revised to ensure they align with the institution's core values.

A well-structured governance system established, realizes the strategic plan and ensures transparency in decision making processes adhering to MITE's core values.

Strategic collaborations with external organizations like Indo Universal Collaboration for Engineering Education (IUCEE) and Binghamton University (BU), State University of New York, USA has resulted in faculty exchange, faculty development, student development, augmentation of our curriculum with a course on system engineering, skill enhancement programs, support to our students for higher studies and research advancement activities.

The Institute has a conducive learning environment that matches global standards which caters to academic requirements, entrepreneurial aspirants and fosters innovation.

The accreditation successes, academic excellence, and focus on student success, collectively demonstrate that MITE's governance is effectively implementing its mission and strategic plan.

File Description	Documents
Paste link for additional information	https://mite.ac.in/wp-content/uploads/2025/01/AQAR_2023_6_1_1_Governance_of_the_Institut_e.pdf
Upload any additional information	No File Uploaded

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

MITE, established with the commitment to be a distinctive institute, believes in a decentralized and participative management system. The institute promotes a culture of participative management by involving stakeholders in Governing council, IQAC, institution & department level activities, committees, and decision-making process. Principal executes the academic and administrative activities with the support of Vice-Principal, Directors, Deans, and HoDs'.

Authorisation to Principal for utilising Rs. 2 lakhs and HoDs up to Rs 25,000 per semester to meet immediate requirements of the institution and departments respectively endorses decentralization of Financial Powers.

Operational autonomy to the Director Placement, Training & Industrial Relations has resulted in launching of professionals into successful career orbit viz., Recruitment at Global best Companies, and pursuing higher studies.

MITE is granted autonomous status by University Grants commission (UGC) from 2023-24. This has enabled academic autonomy in curriculum design, framing the syllabus, instruction and design, assessment methods taking in account industry expectations.

Decentralized and participative management system adopted in the institution leads to a sense of ownership and makes individuals

accountable.

File Description	Documents
Paste link for additional information	https://mite.ac.in/wp-content/uploads/2025/01/AQAR_2023_6_1_2_Decentralization_Participative.pdf
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

MITE's strategic plan is aligned with the institution's mission and vision, ensuring all goals support its core values and long-term growth. It focuses on academic excellence, student success, research, infrastructure, and community engagement, with SMART (Specific, Measurable, Achievable, Relevant, and Time-bound) goals driving progress in these key areas.

The strategic plan is embedded in all institution areas, guiding academics, research, and outreach. Strong leadership, accountability, and active support have been essential to its success, with leadership modeling desired behaviors and ensuring progress. Stakeholder input and management support were key in achieving milestones during the 2023-2024 academic year, advancing the mission, and positioning the institution for future growth.

A few of the strategic plans effectively deployed during the academic year 2023-24 are listed below:

- Institution has been granted Autonomous status by UGC
- Implemented 7th Pay Basic scale
- Promotion of competent faculty members
- New laboratories are established
- 3 faculty members and 31 students have been trained on the latest trends in engineering and management
- Published 234 research articles in quality journals and conference proceedings

- Signed MOU with Global Organizations
- Initiated idea incubation funding to the tune of INR 2.5Lakhs

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

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

MITE has a well-defined de-centralized organizational structure which is upgraded on a need basis, focussing on augmentation of the status of the institution. (<https://mite.ac.in/administration/>).

Guided by the Governing Council, the effective functioning of the institutional bodies headed by the Principal with the support of the Vice Principal, Directors, Deans, HoDs, Faculty Members, and Staff in coordinating the academic and administrative activities is reflected through the delegation of roles and responsibilities with controlled coordination, policy implementation procedures, and service rules.

Well-structured recruitment procedure followed for the selection of administrative /teaching / non-teaching staff ensures fairness and transparency. The faculty appointments are ratified by the governing council.

The institute has well-defined service rules, approved by the Governing Council and disseminated to the staff. Any revisions made are notified through circulars and also published on the institution's website.

The institute follows AICTE norms for assigning designations for the faculty and offers AICTE 7th pay basic scale and state scales for non-teaching staff.

Various staff welfare measures including health insurance, EPF, gratuity, etc. are introduced since inceptions are continued for the

betterment of staff. Grievance Redressal Committee effectively addresses the grievances of students and staff, ensuring a conducive environment for all the stakeholders.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	https://mite.ac.in/administration/
Upload any additional information	View File

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

MITE believes in inculcating and nurturing a 'MITE FAMILY' culture among all the stakeholders, provides the following facilities for the betterment of teaching and non-teaching staff.

- **Introduced 7th Pay scales as per UGC norms (Basic only) across all the department from 1stAugust 2023. Non-teaching staff salary is as per the state scale.**
- **Employee Provident Fund has been provided**
- **Staff members are entitled for gratuity on completion of 5 years**
- **Group health insurance and group personal accident insurance**

are continued

- Financial support for Research/Consultancy/Higher Studies/Funded Projects/Patents are continued
- Leave Benefits to teaching and non-teaching staff
- Existing medical centre with full time doctor on campus provide free medical support
- Well-furnished Individual cabins with Desktop/Laptop on need basis supported with Internet and Wi-Fi facilities
- Well-maintained Wash Rooms are provided separately for male and female staff.
- General and Digital Library facilities are extended to all the staff with remote access
- Day Care Facility for women employee
- Transportation Facility for all the employees
- Safe and hygienic drinking water facility
- Free partial midday-meal service
- Gymnasium, aesthetically designed lounges, ATM, Multi-cuisine Food Court, Super Market, Printing and Photo Copy Centre
- Adequate safety & security measures to all the staff

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

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

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

42

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

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**11**

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

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year****72**

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

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff**In today's higher education system, faculty roles have become**

multifaceted, encompassing innovative teaching, mentoring, counseling, active research, publishing, funded projects, consultancy, and administrative tasks. To support and evaluate these roles, the institution has implemented a Faculty Performance Appraisal (FPA) system for annual performance reviews. The role of a faculty member has become truly multi-dimensional in the present-day higher education system. Apart from Innovative Teaching Activities, a faculty member is expected to engage in:

1. Student Support activities like Mentoring and Counselling
2. Active research
3. Publish research findings in high-quality peer-reviewed journals
4. Work on funded projects
5. Undertake consultancy works,
6. Participate constructively in the administrative activities of the department as well as the Institute.

The Institute periodically assesses the contributions of faculty and staff every year, and uses this data as a reference for the purpose of annual increment, career advancement, granting incentives or special remunerations etc.

A sample copy of Faculty appraisal of Mr. Satisha, Associate Professor, Department of Electronics & Communication Engineering, and a copy of non-teaching staff Mr. Prashant. M, Lab Instructor of Department of Mechanical Engineering is presented below. Sample copies of documents showing promotion of Faculties to higher designations is also attached.

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly. Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

At the beginning of a financial year, on Principal's direction, the HOD's submit the budget proposal concerning departmental activities, excluding the salary. Principal presents a consolidated budget proposal to the Governing Council for approval. The Principal has the purchase power up to Rs. 2,00,000/- in a semester with the single purchase limit of Rs. 25,000/-.and HOD's up to Rs. 25,000/- in a semester with the single purchase limit of Rs. 5000/-.

Internal Audit:

Copy of Budget proposals, invoice/vouchers, and supporting documents of every purchase/event is maintained with respective Departments and original documents are sent to Accounts department. The accountant verifies every document, observations if any, is brought to the notice of HoDs for immediate rectification. Consolidated details of all the expenditures/transactions of the every quarter are submitted for the audit and the appointed Chartered Accountants visit the institution and conduct internal audit on the quarterly basis.

External Audit: External audit of the institution is conducted once in a year post March 31st, by the chartered accountants. The Auditor obtains audit evidence about the amounts and disclosure in financial Statements. The Auditors evaluate the appropriateness of accounting policies used and reasonableness of the accounting estimates; also evaluate the overall presentation of financial statement.

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

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

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

0

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

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

Main source of income to the institute is the tuition fee collected from students along with other revenues like industry, Government funding agencies grants for Research projects, Conferences, incubation, entrepreneurship development, consultancy services, alumni association, etc.

The fund mobilized is optimally used under the different heads like Staff salary and Welfare, up gradation and maintenance of campus and academic infrastructure, teaching learning activities, Student support activities etc.

Consolidated budget prepared by the Principal at the beginning of the financial year is presented to the Chairman of Rajalaxmi Education Trust (RET) for scrutiny. Budget approved by the Governing Council is utilized adhering to the financial rights granted to Principal and HoDs.

If the expenditure exceeds the approved budget, the same will be brought to the notice of the Management. Management in turn, if convinced, sanctions the additional fund requirement.

Transparency is maintained through financial audits by registered Chartered Accountants. The audited income and expenditure statements of every financial year are published on the institute website.

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

6.5 - Internal Quality Assurance System

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

IQAC has been established with self-regulated responsibilities, adopting a participatory approach aiming at continuous quality improvement to achieve overall excellence. To empower faculty members, IQAC has organized workshops on Critical Thinking and Problem-Solving Strategies, MATLAB Mastery & Effective pedagogy for design thinking. MITE has envisioned to setup a Center of Excellence on "Autonomous vehicles" in association with its International Academic partner Binghamton University (BU), State University of New York, USA. In view of this, a short term course on "Autonomous vehicle" was organized. On recommendation of IQAC, it is proposed to introduce a core course on System Engineering, which is vetted by distinguished professors of BU. In order to enhance faculties core competencies in teaching and learning, Institute has collaborated with International organization Indo Universal Collaboration for Engineering Education. Institute has encouraged faculty to take up short term certification courses like Design thinking, Artificial Intelligence and Entrepreneurial thinking. To sustain and reinforce quality measures, academic audits (Internal & External) have been conducted under the supervision of IQAC. "Alumni Technothon" is a flagship activity of IQAC conducted since 2021-22. This year in association with Alumni committee two series were organized in the month of January and June 2024.

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

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Institution has well defined mechanisms for curriculum delivery, students performance assessment, monitoring of attainment of stated course, program outcomes and assessment of academic progress of the students. Adherence to these mechanisms by all the departments is being ensured by the IQAC through periodic Academic Administrative Audits.

To review the quality in teaching, research, extension activities, curricular & co-curricular activities, Internal Audit and External

Audit by IQAC Peer committee constituted as per UGC norms was done during February and September 2024 respectively . Suggestions and Recommendations provided by experts for enhancing quality of teaching & learning were recorded and disseminated to all the concerned functional units of the institution for the suitable actions.

Structured feedback was obtained from Students, Faculty, Alumni & Employers regarding teaching learning processes. This feedback was submitted to IQAC for review and its observations. Action plan for addressing concerns raised by IQAC is subsequently planned by the respective departments.

Action plan is further presented in the Program Assessment Committee (PAC) & Department Advisory Board (DAB) by the Head of the department for suggestions & approval before incorporating the same.

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

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://mite.ac.in/wp-content/uploads/2024/09/IQAC-Annual-Report-2023-24.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

MITE continues to focus on promoting gender equity and women's empowerment and has reinforced its commitment by supporting flexible classroom seating arrangements and ensuring equal representation of female faculty and students in leadership positions across college committees and curricular and co-curricular activities, ensuring the implementation of the annual gender sensitisation plan.

During the year 2023-24, the policy of equal representation for women is evidenced with 43% of female students newly admitted, 48% women newly employed in teaching, 34% in non-teaching roles and 33% women faculty in key administrative positions.

The Anti-Sexual Harassment Committee (Presently known as the Internal Complaints Committee) constituted for 2023-24 (<https://mite.ac.in/administration/#internal-complaints-committee>) has framed an annual gender sensitisation action plan for the academic year and has been actively engaged in implementing it. The Anti-Sexual Harassment Committee strictly adheres to the sexual harassment prevention policy and regularly interacts with students, addressing concerns and resolving grievances. In line with the annual tradition, International Women's Day is celebrated with special programs focused on gender equity, women's health, self-defence, and entrepreneurship (<https://mite.ac.in/wp-content/uploads/2025/01/ICC-Report-2023-24.pdf>)

File Description	Documents
Annual gender sensitization action plan	https://mite.ac.in/wp-content/uploads/2025/01/AQAR_2023_24_7-1-1-gender-sensitisation.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://mite.ac.in/wp-content/uploads/2025/02/AQAR_2023_24_7_1_1_Specific_Facilities_Provided_For_Women.pdf

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

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

MITE takes great care in managing and disposing of degradable and non-degradable waste through environmentally sustainable practices.

Solid Waste Management:

The institute enforces a no-litter policy with a campus-wide plastic ban. Awareness is raised through circulars and posters. Waste bins are strategically placed for proper disposal, housekeeping staff segregate waste into biodegradable and non-biodegradable categories.

Food waste from the mess and food court is collected by an external agency for use as animal feed.

Non-biodegradable waste is collected in bins and disposed off through with the local panchayath for recycling. Solid waste, like

outdated papers and magazines, is sold to scrap vendors.

Liquid Waste Management:The institute raises awareness about water conservation. Measures such as pressure taps, sprinklers, and sensors in washrooms limit water wastage. Liquid waste is channelled to three STPs with a total capacity of 4.7 lakh LPD, out of these 1.7 KLD is installed during 2023-24.

E-Waste Management:E-waste like broken printers, modems, and CDs are disposed off through licensed e-scrap agencies.

Waste Recycling System:The institute's STPs treat liquid waste, and treated water is used for gardening.

Hazardous chemicals and radioactive waste management:Hazardous chemicals and radioactive waste are not generated in the institute.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://mite.ac.in/wp-content/uploads/2025/02/AQAR_2023_24_7_1_3_Geo_Tagged_Photos_Of_Various_Waste_Disposal_Systems.pdf
Any other relevant information	No File Uploaded

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

- 1.Restricted entry of automobiles**
- 2.Use of Bicycles/ Battery powered vehicles**
- 3.Pedestrian Friendly pathways**
- 4.Ban on use of Plastic**
- 5.landscaping with trees and plants**

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution**7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities****A. Any 4 or all of the above**

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-**A. Any 4 or all of the above**

reading software, mechanized equipment 5.
Provision for enquiry and information :
Human assistance, reader, scribe, soft copies of
reading material, screen reading

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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

MITE has a core value of 'MITE FAMILY' culture and embraces all stakeholders within an inclusive environment. The institute promotes tolerance and harmony through transparent governance and organises cultural, regional, linguistic, communal, and socio-economic diverse activities, ensuring that diversity is valued and integrated into the fabric of campus life.

The institute admits students from across the country, creating a multicultural and multilingual environment. Committees such as the SC/ST/OBC cell, Anti-Sexual Harassment Committee, Anti-Ragging Committee, Disciplinary Committee, and Grievance Redressal Cell, formed for the academic year 2023-24, have successfully fulfilled their roles by engaging regularly with stakeholders and addressing concerns when needed, ensuring a peaceful campus atmosphere.

The cultural committee has organised celebrations like Onam, Ganesha Festival, Navaratri, Ayudha Pooja, Garbha nite and Deepavali to showcase India's rich cultural diversity. Special provisions were made for students observing Ramadan also. Kannada Rajyothsava was celebrated on November 1st, advocating national integration. Annual Sports Meet and the state-level cultural fest Sentia united the minds and spirits of everyone, promoting cultural harmony. Visits to old-age homes, NSS activities and blood donation camps by the Youth Red Cross further promoted an inclusive environment towards regional and socioeconomic diversities, making a positive difference in

students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

MITE has a firm conviction that all stakeholders of the institute should cultivate and exemplify basic human values and develop sensitivity towards human rights, duties and responsibilities of citizens.

To achieve the objective, in addition to the effective implementation of relevant courses prescribed by the University for the students, Expert lectures and activities of the Induction program of 2023-24 for First-year students focused on inculcating "Universal Human Values" to be a better professional. The youth Red Cross chapter of MITE has served society with the necessary support during natural calamities, blood donation during medical emergencies and has observed important National and International awareness days spreading awareness on health issues.

Transformational activities under Unnath Bharat Abhiyan, NSS activities, CSR club activities, HR and ECO club activities like Vana Mahotsav, and celebration of World Environment Day conducted during the year have fostered a sense of service, duties and responsibilities towards society and nature.

An oath administered during graduation day and Sadbhavana Diwas has promoted the maintenance of integrity and dignity of the profession, national integration and peaceful living amongst the stakeholders.

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

7.1.10 - The Institution has a prescribed code

A. All of the above

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

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

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

MITE instils strong values in its students by actively involving them in the celebration of national and international observances, honouring great personalities and significant events.

During 2023-24, the institution celebrated Republic Day on January 26th with the hoisting of the national flag and a call to uphold the fundamental rights and duties of citizens. International Women's Day on March 8th was marked by the Internal Complaints Committee through empowering programs on gender equality and women's rights. On Independence Day, August 15th, the national flag was saluted, and students were reminded of the sacrifices made for freedom, with visits to orphanages and old age homes organised as a gesture of service.

Teachers' Day, commemorating Dr Sarvepalli Radhakrishnan's legacy was celebrated on September 5th with students organising events to honour their mentors. On September 15th, National Engineers' Day, M. Visvesvaraya's contributions were remembered, along with a tribute to engineers whose innovations simplify human life. National Mathematics Day on December 22nd, honouring the genius of Sri

Ramanujan, featured expert talks for faculty and students. Various festivals like Onam, Ganesha Chaturthi, Navaratri, Deepavali, Ramzan were celebrated to embrace the country's diversity.

MITE's Red Cross Unit also observed international days like World Blood donor's day by raising awareness through street plays and blood donation camps. Additionally, the Eco Club celebrated World Environment Day and Vanamahotsav, emphasising the importance of environmental conservation, while NSS wing organised International Yoga Day.

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

7.2 - Best Practices

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

At MITE, two key practices stand out, towards achieving excellence:

1. Employability Skills Development Program: This structured program bridges the industry-academia gap by equipping students with technical expertise, critical thinking, communication, and problem-solving skills. From the first year, students receive continuous counseling and career mapping to identify aspirations and strengths. Workshops, Hackathons, Ideathons, and industry-driven projects enhance their competencies, preparing them for top-tier placements. MITE's initiative transforms students into industry-ready professionals, evident from their placement successes. Beyond training, it's a career transformation program, ensuring every student secures the right path, job, and future.

2. Entrepreneurship Ecosystem: MITE fosters innovation and leadership through startup incubation, mentorship, and funding. Supported by initiatives like MITE-FIRST, a Section-8 company, the institute aligns with national programs such as Digital India and Aatma Nirbhar Bharat. MITE-FIRST identifies up to 15 innovative ideas annually, providing funding up to ₹2.5 lakhs per idea, amounting to ₹30 lakhs annually. This ecosystem empowers students to

become job creators, transforming ideas into viable startups, and driving economic growth.

Together, these best practices position MITE as a leader in engineering education, producing skilled professionals and visionary entrepreneurs equipped to thrive in a dynamic world.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	No File Uploaded

7.3 - Institutional Distinctiveness

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

MITE's distinctiveness lies in its visionary approach to crafting a future-ready workforce, anchored in strategic MoUs with industry giants and global universities. These partnerships infuse cutting-edge skills and global perspectives into the curriculum, ensuring students are prepared to lead and innovate in a dynamic job market.

MITE's proactive alliances include its landmark partnership with Bosch Rexroth in 2010, establishing the Centre of Competence in Automation Technology, enhancing technical skills in automation and industrial innovation. The institute also collaborated with ITE West Singapore and MDIS Singapore, enabling enriching student and faculty exchanges, fostering a global learning environment.

A milestone in 2015 saw MITE receive an in-kind software grant from SIEMENS, valued at USD 79 million, to establish a Centre of Excellence in Digital Design and Manufacturing, a distinction unmatched in Karnataka. Partnerships with leaders like UiPath, KPIT, Salesforce, Toyota Industries, and Carl Zeiss further align student skills with industry demands.

Notably, the MoA with Binghamton University, USA, drives joint certification programs, research, and faculty exchange, equipping students with global competitiveness. Through these initiatives, MITE bridges academia and industry, nurturing globally competent professionals poised to thrive in a rapidly evolving world.

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

7.3.2 - Plan of action for the next academic year

MITE's Distinctiveness Action Plan 2024-25

MITE's 2024-25 Action Plan underscores its commitment to fostering global exposure and local impact through strategic MoUs with leading industries and esteemed global universities. This initiative aims to equip students with the adaptability and leadership skills needed for a dynamic world.

1. Strengthening the Incubation Ecosystem

- Infrastructure Expansion: Establish the "Global Innovation Centre," including advanced labs and collaboration spaces.
- Funding: Partner with agencies like NAIN, DST, and private investors to secure funding and create seed-funding programs.
- Skill Development: Conduct workshops on entrepreneurship and IP rights, engaging successful entrepreneurs as mentors.
- Industry Connect: Build partnerships to offer real-world problem statements and host hackathons.
- Metrics: Track startups incubated, patents filed, and technology transfers annually.

2. Leveraging the MoU with Binghamton University

- Faculty Collaboration: Promote joint research, teaching, and knowledge exchange programs.
- Student Exchange: Encourage higher education and credit-earning opportunities through US graduate fairs and online courses.
- Research Projects: Focus on areas like Autonomous Systems, AI, robotics, and renewable energy with joint funding.
- Conferences: Host symposiums on global challenges, showcasing

collaborative success stories.

This plan highlights MITE's drive for innovation, skill development, and global excellence.