



YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	Maharashtra Institute of Technology
• Name of the Head of the institution	Dr. Santosh Bhosle
• Designation	Director
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	02402375222
• Alternate phone No.	9822768246
• Mobile No. (Principal)	9822768246
• Registered e-mail ID (Principal)	director.mitt@mit.asia
• Address	Satara Village Road, Off Beed bypass, Aurangabad
• City/Town	Aurangabad
• State/UT	Maharashtra
• Pin Code	431010
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	17/02/2021
• Type of Institution	Co-education
• Location	Urban

• Financial Status	Self-financing				
• Name of the IQAC Co-ordinator/Director	Dr. Prashant Mahadev Ambad				
• Phone No.	02402375233				
• Mobile No:	9422708028				
• IQAC e-mail ID	deanqa.mitt@mit.asia				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://mit.asia/naac/aqar/				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://mit.asia/academic-calendar/				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.07	2017	30/10/2017	30/12/2026
6.Date of Establishment of IQAC			09/01/2017		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
NIL	Nil	Nil	Nil	Nil	
8.Provide details regarding the composition of the IQAC:					
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File				
9.No. of IQAC meetings held during the year	2				
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken	No				

uploaded on the institutional website?	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File
10. Did IQAC receive funding from any funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> If yes, mention the amount 	
11. Significant contributions made by IQAC during the current year (maximum five bullets)	
NBA accreditation of two programs, Computer Science & Engineering and Mechanical Engineering for 3 years.	
Carried out survey to smoothly conduct online as well as physical teaching learning during the COVID 19 Pandemic situation and planned the teaching learning accordingly. Some part of 2021-22 was lockdown period and remaining were physical classes. Guidelines were provided for smooth transition and hybrid mode of teaching learning.	
Faculty members were encouraged to participate in various online workshops/STTPs/webinars in order to improve upon their knowledge and skill sets.	
Students were encouraged to undertake online internships and training programs.	
Provision of free access to COURSERA platform for students and faculty members to upgrade their skills during some part of lockdown period of 2021-22.	
12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:	
Plan of Action	Achievements/Outcomes
NBA Accreditation of two programs, Computer Science & Engineering and Mechanical Engineering for 3 years	Two programs, Computer Science & Engineering and Mechanical Engineering, received NBA accreditation for 3 years.
13. Was the AQAR placed before the statutory body?	No

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Nil	Nil

14. Was the institutional data submitted to AISHE ?

Yes

- Year

Year	Date of Submission
2022	05/02/2022

15. Multidisciplinary / interdisciplinary

The vision of National Education Policy (NEP) 2020 is to develop the curriculum and pedagogy of institutions, to reflect the true sense of knowledge, skills, values, and disposition among the students/learners to develop them as global citizen. The institute is implementing various reforms in line with NEP 2020 as below:

1. Multidisciplinary / interdisciplinary:

At institute the curriculum is designed integrating the Multi-disciplinary and Inter-Disciplinary approach to bring diversity in curriculum:

- Introduction of open electives at each UG and PG program
- Honor and Minor degrees: Eligible Students can earn the Honor and Minor Degree along with their major degree by successfully earning additional 20 credits in the other disciplines (for Minor) and advanced courses in same discipline (for Honor). Following Honours and Minor Degree Courses are offered in various domains:

1. Robotics and Automation

2. Internet of Things

3. Data Science

4. 3-D Printing
5. Electrical Vehicles
6. Green Technology and Sustainability Engineering
7. Artificial Intelligence & Machine Learning

16. Academic bank of credits (ABC):

In Process

17. Skill development:

The institute is offering skill development courses to enhance the skills and technical capabilities of students:

1. Red Hat
2. Cloud Computing
3. Big Data
4. 3D Printing (Additive Manufacturing)
5. Robotics Programming & Machining
6. Automation
7. Mechatronics
8. Agriculture Sector
9. Career Development

Some of these courses are in collaboration with industries, and bridge the gap between industry and academia. These courses focus on hands on experience to students that align with industry needs. Apart from these courses, the institute focuses on organizing trainings and seminars by industry experts to make the students aware of latest industrial trends. The activities of NCC and NSS focus on developing life skills and social responsibility among the students.

The institute organizes trainings focusing on communication skills, leadership, teamwork and personality development to enhance the employability of students. Trainings specific to industry selection

process are also conducted that focus on Group Discussion, resume building and interview skills.

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

In Process

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

The curriculum offered to students is designed keeping in mind the OBE approach focusing on regional and global requirements.

All the courses are designed with course outcomes clearly stated emphasizing on cognitive abilities of Remembering, Understanding, Applying, Analysing, Evaluating and Creating.

The Programme Outcomes, Programme Specific Outcomes and the Course Outcomes are disseminated to the students and other stakeholders, and are displayed at various locations in the institute and at the departments.

The learning outcomes also focus on Professional Ethics, Gender equality, Human Values, Environment and Sustainability. With this the institute is committed to producing graduates who are not only technically proficient but also socially, economically and environmentally conscious.

An effective implementation of Outcome Based Education (OBE) ensures that all the Program Outcomes are addressed by the curriculum of various programmes and can compete at national as well as global platform.

20.Distance education/online education:

- Online Education to all the students is offered during COVID-19 Pandemic for first part of 2021-22 and hybrid mode during second half of the year.
- Credit transfer (credits transferred from SWAYAM/NPTEL w.e.f. AY 2021-2022)
- Credit transfer for extracurricular and cocurricular activities participation.

Extended Profile

1.Programme

1.1

15

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 **2283**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 **657**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 **2141**

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

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 **660**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 **171**

Number of full-time teachers during the year:

Extended Profile

1. Programme

1.1	15
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File

2. Student

2.1	2283
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	View File

2.2	657
Number of outgoing / final year students during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	2141
Number of students who appeared for the examinations conducted by the institution during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File

3. Academic

3.1	660
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	171
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Number of full-time teachers during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	View File	
3.3	111	
Number of sanctioned posts for the year:		
4.Institution		
4.1	377	
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		
4.2	35	
Total number of Classrooms and Seminar halls		
4.3	625	
Total number of computers on campus for academic purposes		
4.4	930.3	
Total expenditure, excluding salary, during the year (INR in Lakhs):		
Part B		
CURRICULAR ASPECTS		
1.1 - Curriculum Design and Development		
1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.		
<p>The institute has adopted the systematic procedure for development, revision and implementation of curriculum of the programmes. The curriculum is designed to fit the institutes' model (Autonomous, regulated by AICTE, UGC and affiliated to university) and includes courses that reflect the local, regional, national and global needs. The institute follows the semester-pattern and Choice based Credit System (CBCS). The curriculum design includes the following:</p>		

- Course syllabus, credits and the Instructional System Design
- Course objectives, Course outcomes and instructional guidelines in line with the student centric development for their domain knowledge, skills and behavioral aspects.
- Evaluation plan.

Feedback about the curriculum is taken from stakeholders like industries experts, academic experts, employers, alumni, subject teachers for development and revision in the curriculum. The draft curriculum with due consideration of feedbacks received is prepared by subject experts at the department and discussed in departmental meetings. While designing the syllabus Program Outcomes (PO), Program Specific Outcomes (PSO), Program Educational Objectives (PEO) and opinions from industries experts, academic experts, alumni and other stakeholders are considered. Involvement of these experts in curriculum design and in various bodies of the institute ensures holistic design of curriculum. The draft curriculum is put up for review and approval in respective Board of Studies meetings. The approved curriculum by Board of Studies is presented to the Academic Council for final approval and implementation.

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

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

15

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

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

29

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

1.2 - Academic Flexibility

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

29

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

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

20

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

1.3 - Curriculum Enrichment

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

By incorporating Professional Ethics, Gender equality, Human

Values, Environment and Sustainability, and Human Values into our curriculum, Maharashtra Institute of Technology is committed to producing graduates who are not only technically proficient but also socially conscious and ethical leaders in their respective fields.

Top of Form

Maharashtra Institute of Technology shoulders the responsibility to inculcate the sense of social responsibilities and national security and integrity. Different UG courses incorporate various cross cutting issues linked to human values, gender equality, professional ethics, promotion of environmental conservation and sustainable development among students.

Equal opportunity is given to both the genders in terms of admission, employment and co-curricular activities. Students are promoted to participate in programs focussing on gender equality and awareness campaigns in villages like

- Promoting interest of rural girls in science
- Awareness drive drawing attention of girls to agricultural education,
- Sensitization of students on women safety
- Encouraging entrepreneurial skills through hands on training.

In addition, Maharashtra Institute of Technology has been organizing different programs like plantation drive, cleanliness drive, water conservation with participation of students to inculcate the sense of responsibility in their routine life towards green and clean environment. UG degree programmes also integrate courses related to environmental studies, climate change, weather forecast, recycling of waste or waste management, biohazard, conservation of natural resource and biodiversity.

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

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

6

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

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

430

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

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

584

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

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is

A. All 4 of the above

obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

File Description	Documents
Provide the URL for stakeholders' feedback report	https://mitmail-my.sharepoint.com/personal/iqac_btech_mit_asia/_layouts/15/onedrive.aspx?ga=1&id=%2Fpersonal%2Fiqac%5Fbtech%5Fmit%5Fasia%2FDocuments%2FAOAR%202021%2D22%2FCriterion%201%2FNAAAC%20CRITERIA%20CENTRA%20I%20%2821%2D22%29%2Fcriteria%201%2E4%2E1
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	https://mitmail-my.sharepoint.com/personal/iqac_btech_mit_asia/_layouts/15/onedrive.aspx?ga=1&id=%2Fpersonal%2Fiqac%5Fbtech%5Fmit%5Fasia%2FDocuments%2FAOAR%202021%2D22%2FCriterion%201%2FNAAAC%20CRITERIA%20CENTRA%20I%20%2821%2D22%29%2Fcriteria%201%2E4%2E1
Any additional information	No File Uploaded

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

442

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

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

289

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

1. Weak Students:

- **Criteria:** Students scoring less than 50% in internal examinations are considered weak.
- **Support Measures:**
 - **Remedial Classes:** The institution allows departments to conduct remedial classes to support weak students.
 - **Teacher-Guardian Scheme:** Counseling is provided through a teacher-guardian scheme to address the specific needs of weak students.
 - **Assistance from Course Teachers:** Course teachers actively assist weak students by helping them with extra assignments, previous year question papers, and other relevant materials.

2. Bright Students:

- **Criteria:** Students scoring above 90% in internal examinations are considered bright.
- **Enrichment Opportunities:**
 - **Aptitude Classes:** Bright students are given the opportunity to enroll in aptitude classes to further enhance their skills.
 - **Workshops, Conferences, and Competitions:** Bright students are encouraged to participate in various workshops, conferences, and competitions to broaden their knowledge and skills.

These guidelines demonstrate a proactive approach by the institution to cater to the diverse needs of students. By offering tailored support for weak students and enrichment opportunities for bright students, the institution aims to ensure a well-rounded educational experience for all. The involvement of course teachers, remedial classes, and additional resources for weak students, as well as specialized classes and extracurricular opportunities for bright students, contribute to a holistic approach to education.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/09/2021	2283	171

File Description	Documents
Upload any additional information	No File Uploaded

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:

1. Minor Projects (Semester V):

- Objective: Students undertake minor projects to apply engineering concepts in solving real-life problems.
- Focus: Emphasis is placed on practical application and learning through hands-on experiences.

2. Major Projects (Semesters VI and VII):

- Interdisciplinary Approach: Students engage in interdisciplinary projects that broaden their understanding and collaboration skills.
- Real-Life Industry Problems: Students are encouraged to work on real-life industrial challenges in collaboration with organizations such as GIZ, MASSIA, Tata Technologies, etc.

3. Experiential/Problem-Based Learning (Semester V):

- **Approach:** Students identify ongoing technical, social, or environmental problems, analyse their status, and propose multiple solutions.
- **Emphasis:** The goal is not only to solve the problem but to develop analytical skills and propose viable solutions.

4. In-Plant Training (Semester VIII):

- **Duration:** Students undergo a 6-month in-plant training (IPT) to gain exposure to the industrial environment, work ethics, and existing technological challenges.
- **Purpose:** Enhance students' understanding of industry practices and prepare them for real-world scenarios.

5. National and International Level Competitions:

- **Participation:** Students are encouraged to participate in various national and international project competitions and exhibitions.
- **Example:** Regular participation in events like IMTEX, showcasing the latest trends and technological refinements globally.
- These initiatives not only provide students with practical exposure but also foster critical thinking, problem-solving, and teamwork skills. The emphasis on real-life industrial problems and participation in competitions contributes to a well-rounded education that prepares students for challenges in their future careers.

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

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

Integration with Outcome-Based Education:

- This integration is aimed at enhancing outcome-based education by facilitating activities, knowledge transfer, and skill development at higher cognitive levels.

1. Internet Access:

- The institute provides various dimensions of ICT tools, including high-speed Wi-Fi, LAN, cabled

internet, and online transactions

2. Classrooms and Laboratories:

- Classrooms and laboratories are ICT-enabled with projectors and internet connections, providing an interactive learning environment.

3. Learning Management Systems (LMS) and Content Management Systems (CMS):

- Platforms such as MOODLE are used for managing course materials, quizzes, submissions, evaluations, assignments, and other aspects of the learning process.

4. Virtual Labs:

- Virtual labs are employed for conducting experiments through simulations, providing students with practical learning experiences in a digital environment.

5. Online Learning Platforms:

- Platforms like NPTEL, Coursera, Udemy, and Edx are utilized to complement the syllabus, offering additional content and resources beyond the standard curriculum.

6. Animated Content Delivery:

- Course teachers design slides that include animations for effective content delivery, enhancing the engagement and understanding of students.

7. Video Lecture Recording:

- Faculty members are provided with facilities to record video lectures, allowing for flexible learning opportunities and easy access to educational content. By leveraging a variety of ICT tools and platforms, the institute ensures a dynamic and technology-enhanced learning environment. The integration of virtual labs, online learning platforms, Preparing students with the skills and knowledge needed in the rapidly evolving field of engineering and technology.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	Nil
Upload any additional information	No File Uploaded

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

171

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

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution**A) Preparation of Academic Calendar:**

The Dean (Academics) prepares and distributes the 'Academic calendar' to all the stockholders before the commencement of the academic year.

The components of academic calendar are:

1. Teaching learning schedule (working days)
2. Various curricular, extra-curricular, co-curricular events to be organized
3. Assessment and evaluation schedule (dates of internal examination, end semester examination etc.)
4. Holidays

In accordance to the academic calendar, every department prepares academic time-tables for conducting various teaching learning activities. The theory lectures, laboratory sessions, field visits, tutorials, slots for faculty advisor meetings, library visits are planned.

b) Teaching Plans: As per the time table, course teachers are prepared their teaching plan of assigned course and it is available in their course file. Teaching plan is based on OBE and consist of the following aspects:

1. Dissemination of Program outcomes (POs), program specific outcomes (PSOs) and course outcomes (COs)

2. Lecture-wise content to be delivered, schedule date, relevance of content to COs, POs, PSOs, Bloom's Level (BL).

3. Similarly, Plan for laboratory session, tutorial sessions.

Adherence to Academic Calendar and Teaching Plans

Institute conducts the periodic academic and administrative audits at department and institute level.

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

2.4 - Teacher Profile and Quality

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

171

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

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

44

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

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

1353

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

2.5 - Evaluation Process and Reforms

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

30

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

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

23

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

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

Reforms are carried out in the examination and procedure to ensure a transparent and efficient examination system. Areas of improvement are identified through examination audits and feedback mechanism and the Dean (Examination and Evaluation) initiates the reform. The following reforms were carried out in the past five years:

Examination Calendar (EC)**Evaluation Boards****Result Analysis****Review and Retotaling****Question paper Audit****Open House****IT Integration in Examination and Evaluation Procedure**

End-to-End Automation of the examination procedure has been achieved by integrating information technologies in the examination and evaluation procedure. Below are the details of the integration:

- Online display of Exam notices through ERP and website
- Online registration for the End Semester Examination through ERP
- Automated seating arrangement through ERP
- Online publication of seating arrangement
- Utilization of Barcode Scanners for marks entry
- Online entry of CIA marks
- Online publication of results
- On Screen Evaluation

IT Integration in Reforms in CIA

- LMS platforms are utilized to conduct CIA tasks
- Innovative CIE and TA tasks are given by the faculty members according to the requirement of the Course.

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

2.6 - Student Performance and Learning Outcomes

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

The POs and COs of all the courses across all the programmes are displayed on the institute website. Additionally, the syllabus including POs and COs for all courses are shared with students by all course teachers every semester. The course file maintained by the course teachers also contains the POs for their easy assessment. Every department also displays the POs in the department by posters. The COs for Practical's are displayed in the respective laboratories as well:

By implementing these practices, the institute fosters a culture of transparency and accountability in its educational processes. The dissemination of learning outcomes through multiple channels, including online platforms, individual course files, departmental displays, and lab-specific displays, ensures that students, faculty, and other stakeholders have easy access to information related to the educational objectives of each course and program. This approach contributes to the overall effectiveness of the educational delivery and assessment processes.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	Nil

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

The attainments of these POs and PSOs are carried out through courses, projects, co-curricular and extra-curricular activities in which performance of the students is evaluated. Course outcomes (COs) are designed and maintained as statements in Instructional System Design document. The syllabus is formulated in alignment to achieve the COs. The mapping of COs is done with POs and PSOs.

Course Outcomes Attainment Method:

1) Direct Assessment Tools: Mid semester exam-I & II, CIE & TA, End semester exam and laboratory exam

2) Indirect Assessment Tool for COs: Course exit survey

3) Indirect Assessment Tools for POs/PSOs: Program Exit Survey from students, Parents feedback during parents meet, Feedback from Alumni, Feedback from external examiners

4) Attainment of COs/POs/PSOs is obtained with 80% weightage to direct assessment mode and 20% to that of indirect assessment mode.

Attainment Level: The previous year average of course and/or internal evaluation average performance is used to set the attainment levels as minimum achievable, target and highest target level.

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

2.6.3 - Pass Percentage of students

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

625

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

2.7 - Student Satisfaction Survey

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

https://mitmail-my.sharepoint.com/:b:/g/personal/igac_btech_mit_asia/EaZTjRlgDOtIlqiVlvdOzhMBbx26BDP5HRoQMj3n0DaHkw?e=IfktDM

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

MIT has an unwavering commitment to providing faculty and students with the resources to explore and expand the boundaries of their knowledge. MIT's research facilities are adequate and frequently upgraded to keep pace with the latest advancements in technologies. The MIT-CARS laboratory (NABL and ISO accredited) is the first in the region to provide testing and analytical facilities in agriculture, soil testing and food technology. MIT has established MedTech laboratory specifically designed for medical devices and prototyping with the help of funding received from Govt. of India. The center of excellence in Mechatronics and Robotics in collaboration with Siemens Pvt. Ltd. houses state-of-art prototypes and working models of primary robots and automation systems. The central workshop has advanced facilities like CNC machines and Laser cutting machine and is used for live demonstrations. This dynamic approach to research infrastructure is a testament to MIT's dedication to fostering a culture of innovation and discovery.

Moreover, MIT's transparency and commitment to the promotion of research are evident in the fact that it maintains a well-defined policy for research promotion. The institution actively supports researchers in their pursuit of external grants and fellowships. MIT collaborates with external partners to foster a culture of interdisciplinary research. Additionally, the policy encourages and recognizes the dissemination of research findings through publication in reputable journals, presentations at conferences, and engagement with the broader community.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
Provide URL of policy document on promotion of research uploaded on the website	Nil
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research**3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)****Nil**

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

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year**2**

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

3.2 - Resource Mobilization for Research**3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)****6.396**

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

3.2.2 - Number of teachers having research projects during the year

4

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

8

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

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

3

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

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

The institution fosters an active environment for promotion of Innovation to facilitate seamless exchange of knowledge. MIT supports centers of excellence, entrepreneurship and incubation cell. The entrepreneurship cell at MIT comprises of faculty as well as industrial experts. MIT has state-of-art laboratory facilities including the NABL accredited MIT-CARS lab and ISO certified CAMRT polymer characterization lab. These labs provide various testing and analytical facilities in the field of agriculture, soil testing, food technology and polymer characterization. The MedTech lab at MIT is funded by Govt. of India. MIT has a center of excellence in Mechatronics and Robotics sponsored by Siemens Pvt. Ltd. working in the area of robotics, mechatronics and automation systems.

The community helping awareness and activities are an integral part of MIT culture. Through initiatives like Unnat Maharashtra Abhiyan (UMA), Unnat Bharat Abhiyan (UBA) and National Service Scheme (NSS) student and teacher volunteers arrange and work for activities like, cleanliness drives, surveys, medical camps, donation camps and Shramdam. MIT also hosts tree plantation drives and environment awareness camps where students enthusiastically participate.

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

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

17

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

3.4 - Research Publications and Awards

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

A. All of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

24

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

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

88

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

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

67

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

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

3.4.5.1 - Total number of Citations in Scopus during the year

529

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

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

3.4.6.1 - h-index of Scopus during the year

91

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

3.5 - Consultancy**3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)****39.18**

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

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year**7856220**

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

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

MIT inculcates and makes students aware about their social responsibilities through activities like NSS, UMA and UBA. With the aim of "education via community service and community services via education", the NSS wing at MIT undertakes camping programs, cleanliness drive, tree plantation, blood donation camp, etc. NSS

represents a remarkable endeavor to nurture the spirit of social responsibility and personal growth among young individuals. By providing them with a platform to contribute meaningfully to society, the NSS instills lifelong values of empathy, leadership, and selflessness. Unnat Maharashtra Abhiyan (UMA) and Unnat Bharat Abhiyan (UBA) is a government initiative under which MIT has adopted 2 villages for their development. Student and teacher volunteers alike work to facilitate these villages with basic amenities, habitation facilities, medical aid and educational needs. UMA and UBA works hand in hand with government to survey their needs, cater to their demands and provide solutions accordingly.

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

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

15

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

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

10

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

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

28

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

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

10

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

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

10

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

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

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

1 Campus Area - 10 Acres

2 Class Rooms - 17

3 Laboratories - 55

4 Seminar Halls - 06

5 Classroom with LCD Facilities - 11

6 Seminar Halls with LCD facilities - 05

7 Seminar Halls with ICT Facilities - 06

8 Video Centre - 01

9 Examination Cell - 01

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

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

The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor) and gymnasium. Cultural, gymnasium facilities are also available in the college. Physical fitness is of prime importance in order to bring out the best in every student. MIT understands that a healthy mind resides in a healthy body and hence includes a well-equipped gymnasium in the campus. There are also sports facilities like a spacious playground for games and recreation. Games like cricket, football and volleyball are quite popular in MIT. MIT also has dedicated playing areas for indoor games like badminton, carom, chess etc.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

40

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

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

82.91

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

4.2 - Library as a Learning Resource

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

Name of the ILMS software Nature of automation (fully or partially) Version Year of automation

LMS - MIT Fully 1 2013

ERP-MIT Fully 1 2019

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

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

C. Any 2 of the above

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

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

9.94

File Description	Documents
Audited statements of accounts	No File Uploaded
Any additional information	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 - Usage of library by teachers and students (footfalls and login data for online access)

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

225

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

4.3 - IT Infrastructure

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

Institution frequently updates its IT facilities including Wi-Fi

Facility Type Available (No.s)

Total Computers 625

Computer Lab 22

Internet in Labs 22

Browsing centers 1

Computer Centers1

Office 1

Departments8

Available Bandwidth (GBPS) 1

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2283	625

File Description	Documents
Upload any additional information	No File Uploaded

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

A. 50 Mbps

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

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

B. Any three of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

70.47

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

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

The institute gives the great prominence to creation, maintenance and upkeep of the entire infrastructure necessary for the effective teaching-learning, positive development and efficient maintenance.

- **Laboratory:** The institutional laboratories are accessible to the students of the respective departments.
- **Library:** The books can be availed from the central library by faculty members as well as students. A digital library section is also available for online referencing.
- The computer center facility is utilized for conducting various programs.
- Various sports facilities i.e. badminton court, basketball court, table tennis are available on the campus. A schedule is also declared in accordance with university sports events schedule.
- Electrical repair and maintenance work is carried out by

Electrical wing of the institute.

- For maintenance of computing facilities, AMC contract is given to the external agency for the maintenance of computers and printers within the college. To maintain internet connectivity in all computers and CCTV security system, a network and system administration team is appointed. LCD projectors, air conditioners and water coolers are maintained with the help of the external agencies.
- Maintenance of Laboratory Equipment as and when required, the institution takes up calibration and other servicing measures for the instruments through service personnel periodically.
- General Security Measures - Trained Security Personnel are deployed at the college main gate, at all the department blocks, hostels and other strategic locations.
- CCTV Cameras are installed in various vantage points inside college campus.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

1849

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

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	No File Uploaded

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

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	View File
Any additional information	No File Uploaded

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

130

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

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

5.2 - Student Progression

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

194

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

5.2.2 - Number of outgoing students progressing to higher education

06

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

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

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

government examinations) during the year

01

File Description	Documents
Upload supporting data for students/alumni	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 and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year**

02

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

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

Maharashtra Institute of Technology provides necessary support to the students for curricular, co-curricular and extracurricular activities. Students perform their role in following academic and administrative bodies such as NSS (National Service Scheme), Students Associations of each Department, Cultural Committee, Canteen/Food committee, Discipline Committee, SPIC MACAY, MITRA (MITs Ranga Bhumi Aristocrats), Mathematics Club, Heritage Club, Music Club, Students Chapter: Indian Institution of Industrial Engineering, Indian green building council, Indian Geotechnical society, Institution of Electronics and Telecom Engineers. They organize various programs like paper presentations, symposiums, workshops, seminars, Quiz competition, Poster competition, Expert talk, Alumni talks etc. that are conducted every Semester for the students to get motivated and encouraged. Constitution day is celebrated in the institute with zeal and enthusiasm. Jayanti of all renowned persons are celebrated. The annual cultural festival of MIT viz; Kalavihangam is celebrated every year. The academic and administrative bodies have the student representatives to enhance the traits of decision-making and leadership.

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

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

02

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

5.4 - Alumni Engagement

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

Alumni association of MIT provides vital links between MIT and its graduates. Alumni association is formed, aiming to foster a sense of community among alumni, support the institution, and contribute to the personal and professional growth of students. It provide a platform for sharing knowledge, strengthening connections, and celebrating the achievements of our esteemed alumni. Each department maintains regular communication channels with alumni through emails, social media, and other platforms. Department organize mentorship programs to connect experienced alumni with current students and recent graduates to provide guidance on career paths, recent technologies and industry insights.

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

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision: MIT aspires to be a leader in Techno-Managerial education at the national level by developing students as technologically superior and ethically strong multidimensional personalities with a global mindset.

Mission: We are committed to provide wholesome education in Technology and Management to enable aspiring students to utilize their fullest potential and become professionally competent and ethically strong by providing,

- Well qualified, experienced and professionally trained faculty
- State-of-the-art infrastructural facilities and learning environment
- Conducive environment for research and development.
- Delight to all stakeholders.

Institute wishes to be a leader in Techno-Managerial education at the national level and this is achieved by developing students as technologically superior and ethically strong multidimensional personalities with a global mindset. The governance comprising of Governing Body, Executive Council, Academic Council, College Development Committee (CDC), Board of Studies, Internal Quality Assurance Cell (IQAC). All the stakeholders are contributing in governance through their valuable inputs. The Institute believes in promoting a culture of delegation of powers through strategic policies. The Director of Institute is assisted by Deans, Registrar, HODs, Administrative Head, Section in-charges and coordinators of various committees in decision making process at the Institute.

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

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

The institute practices decentralization and participative management by including faculty members at various levels in organizational structure. Designation of members who have been delegated powers for taking administrative decisions are:

- Director
- Registrar
- Dean
- Associate Dean
- Head of Department
- Assistant Training and Placement Officer
- Librarian
- Workshop Superintendent

The faculty members are involved in various committees for smooth functioning of academic and administrative activities. The involvement of faculties and allotment of portfolios is done at central level by the Director after discussion with Deans and Head of Department. At department level, the Head of Department allots department level work in consultation with the faculties.

Some of the committees that are formed that involve faculties for smooth functioning of institute are: Governing Body, Academic Council, Board of Studies, IQAC, Grievances redressal cell for staff and student, Anti-ragging committee, examination committee etc.

Regular meetings are conducted by the committee head with the members of the committee. The concerned committee members work actively in coordination with the committee head and if required submits the reports of work done.

Director office takes regular review of various committees from time to time so as to ensure smooth functioning of all the academic and administrative activities of the institute.

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

6.2 - Strategy Development and Deployment

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

The institutional strategic plan is prepared keeping in mind the vision and mission of the institute. The plan is prepared after discussion with various committees, administrative heads and senior faculties. The plan is prepared so as to address the requirements of all stakeholders.

Internal Quality Assurance cell appoints a committee for regular audits of course file, practical file, departmental portfolios, laboratory manuals, etc. to ensure proper implementation of planned academic and administrative activities. Audit reports are sent to respective head of department. Corrective measures are suggested and discussed in consultation with head of department and Director.

The perspective plan is prepared in context with:

1. Curriculum Development
2. Teaching Learning
3. Examination and Evaluation
4. Research and Development
5. Library, ICT and Physical Infrastructure / Instrumentation
6. Human Resource Management
7. Industry Interaction / Collaboration
8. Training & Placement

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

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

The following institutional bodies ensure proper governance for academic, financial, and general administrative affairs:

A. Governing Body B. Academic Council C. Board of Studies D. Finance Committee

Governing Body: A Governing Body of the autonomous Institute has been constituted as per the Norms of University Grant Commission, which is the regulatory Body for approving autonomous Institutes in India. The Governing Body is collectively responsible for overseeing the Institution's activities, determining its future direction, and fostering an environment in which the institutional Vision and Mission is achieved.

Academic Council: Academic Council is responsible for taking decisions on all academics related matters like Rules and Regulations, Examination, Curriculum, framing of academic policies of the Institute.

Finance Committee: The responsibility of the Finance Committee is primarily to provide financial insight for the Institute, which includes budgeting and financial planning, financial reporting and the creation and monitoring of internal controls and accountability policies related with the financial matters of the institution.

Supporting bodies:

CDC: The College Development Committee's (CDC) objective is to create an annual comprehensive development plan for the college that covers academics, R&D, finance, administration, placements, infrastructure, staff welfare etc., take reviews and make recommendations for academic and administrative excellence.

IQAC:The objective of IQAC is to ensure the quality education by planning, executing and monitoring activities that are necessary to enhance the education quality of the institute in line with UGC and NAAC guidelines.

File Description	Documents
Paste link to Organogram on the institution webpage	Nil
Upload any additional information	View File
Paste link for additional Information	Nil

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

- HR policies are an important component of "Talent Management Processes" which are expected to help in attracting, recruiting, appointing, inducting, engaging, motivating, goal setting, performance appraisal, development, career management and retention of faculty and staff as well as facilitating transitions and exits. These policies aim to retain employees and foster continuous development of skills and competencies necessary for achieving short, medium, and long-term goals and objectives of the institution and individual as well as larger societal goals.
- The institute has effective welfare schemes for the benefit

of its teaching and non-teaching staff.

- Pay structure being followed is the sixth pay commission
- Faculty and staff are entitled to EPF and gratuity.
- All faculty and staff are insured for Life Insurance.
- Maternity leave of Six Months is provided for maximum of two times.
- Institute encourages its teachers in acquiring the latest skills by deputing them for various programs/conferences.
- Institute supports the teachers by providing Special Leave/Study Leaves to pursue Project/Doctoral/Post-Doctoral research.
- Sports, Yoga Instructors are available to maintain a healthy and balanced life.
- The Institute has Grievance Redressal committee, Internal complain committee, SC/ST Committee responsible to sort out the issues/complaints, if raised by any staff.

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

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

0

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

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

4

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

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

55

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Institution conducts internal and external financial audits regularly to validate and monitor financial transactions during the financial year. The primary purpose for financial audits is to give regulators, investors, directors, and managers' reasonable assurance that financial statements are accurate and complete.

Department Heads / Section-in-charges are intimated of the extent of funds allocated against their budget proposals. Actions for procurement of lab equipment, up-gradation of existing lab facilities etc. are initiated from the respective departments and the funds are released on a case by case basis from the accounts office of the institute on approval by the Management.

Internal Audit:

Internal audits are conducted quarterly by the accounts section of the Institute and the Chartered Accountant. The audit of accounts and submission of income tax are carried out quarterly.

External Audit:

The accounts and procedures of finance are carried out by the accounts team on a daily basis. An annual audit of all heads of account is done by the authorized auditor. The audit of accounts and submission of income tax returns are carried out regularly each year.

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

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

1.392

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

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

The institute has well defined strategy for effective mobilization of funds and optimal utilization of resources. Institute budget is prepared every year after compiling requirement regarding recurring and non-recurring expenditure from all departments and sections. All the major financial decisions are approved by Governing Body (GB) which comprises of institute authorities and members of G. S. Mandal. The budget is discussed and approved in the GB meeting. The resolution of the LMC and GB regarding approval for budget is forwarded to managing committee and Executive Committee (EC) of G.S. Mandal for final approval of budget to utilize during academic year under various heads.

Additional funding is obtained through Research proposals, consultancy works from governmental & non-governmental agencies and industries. These funds are utilized for the research and

laboratory development.

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources for the development of the academic processes and infrastructure development.

The purchase procedure such as calling quotation, technical bid, preparing comparative statement and negotiation meeting are followed for effective and efficient use of available finance resources. In addition to this the account of each financial year of the institute is audited by internal and external auditors.

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

6.5 - Internal Quality Assurance System

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

Post-accreditation period, the IQAC of the institute has taken all the efforts and measures towards quality assurance and enrichment in academics and administrative capabilities.

- Academic review is conducted twice a semester.
- Academic audit: The academic audit is conducted twice a semester by the audit committee.
- Autonomy: The Autonomy visit was successfully conducted in the month of September 2019. The autonomy is granted as a result of quality efforts taken by the Institution.
- NBA Accreditation: The UG Engineering programs have been granted Accreditation by NBA for CSE and Mech for three years from 2022-23 to 2024-25

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

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

The IQAC of the institute continuously reviews and takes steps to improve the quality of the teaching-learning process.

In adherence to the academic calendar planned for each semester, Academic reviews are conducted. The objectives of academic reviews are to understand the effectiveness of course delivery, syllabus completion status, the methodology used, student attendance and the outcome achieved for every course.

The feedback system is conducted stringently to understand student's views related to teaching and other facilities.

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

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

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	No File Uploaded
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

1. Internal Complaints Committee formed towards ensuring sensitization and awareness amongst all members regarding gender inequality and sexual harassment.
2. Every year a session on gender sensitization is conducting in every department. This is an important forum for discussing and understanding the complexities of gender, discrimination, and biases that exist within our society. It typically involves educational and awareness-building activities.
3. Inclusive representation of women in all important Committees. The Steering Committees, Facilitation Committees and other core Committees of the institute include women in decision making positions who leads various activities of the institute.
4. Professional councilors provide counselling services, to individuals in emotional and psychological distress, across age, language, gender, sexual orientation and issues.
5. Gender Awareness Workshops are conducted regularly
6. The institute has a day care centre for young children.
7. Security cameras are installed for safety and security of everyone in and around the campus.

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

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above								
<table border="1"> <thead> <tr> <th data-bbox="86 441 539 506">File Description</th> <th data-bbox="539 441 1436 506">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 506 539 571">Geotagged Photographs</td> <td data-bbox="539 506 1436 571" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="86 571 539 636">Any other relevant information</td> <td data-bbox="539 571 1436 636" style="text-align: center;">No File Uploaded</td> </tr> </tbody> </table>	File Description	Documents	Geotagged Photographs	View File	Any other relevant information	No File Uploaded			
File Description	Documents								
Geotagged Photographs	View File								
Any other relevant information	No File Uploaded								
7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)									
<ol style="list-style-type: none"> 1. Solid waste management: There is one biogas plant (started as a waste management project to treat waste from the boy's hostel mess). The kitchen wastes is converted into biogas. The waste remaining after gas generation is converted into manure used at campus gardens. In campus waste is collected in separate bins. 2. Liquid waste management: The liquid waste (mostly water) is recycled and utilized to water the on-campus plants, lawn. 3. Biomedical waste management: No form of biomedical waste is generated within the campus. 4. E-waste management: E waste is collected through various student initiatives; some parts are utilized as spare parts for projects. 5. Hazardous chemicals and radioactive waste management: No form of Hazardous chemicals and radioactive waste is generated within the campus. 									
<table border="1"> <thead> <tr> <th data-bbox="86 1471 539 1536">File Description</th> <th data-bbox="539 1471 1436 1536">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 1536 539 1715">Relevant documents like agreements/MoUs with Government and other approved agencies</td> <td data-bbox="539 1536 1436 1715" style="text-align: center;">No File Uploaded</td> </tr> <tr> <td data-bbox="86 1715 539 1816">Geotagged photographs of the facilities</td> <td data-bbox="539 1715 1436 1816" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="86 1816 539 1881">Any other relevant information</td> <td data-bbox="539 1816 1436 1881" style="text-align: center;">No File Uploaded</td> </tr> </tbody> </table>	File Description	Documents	Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded	Geotagged photographs of the facilities	View File	Any other relevant information	No File Uploaded	
File Description	Documents								
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded								
Geotagged photographs of the facilities	View File								
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	A. Any 4 or all of the above								

Maintenance of water bodies and distribution system in the campus	
File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	A. Any 4 or All of the above
File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded
7.1.6 - Quality audits on environment and energy undertaken by the institution	
7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	C. Any 2 of the above

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

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

B. Any 3 of the above

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

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

- 1. Events are organized by students' councils, student chapters so that student take active part. This helps in reducing the cultural, regional, linguistic, communal socioeconomic barriers.**
- 2. Anti-ragging committee is formed and regular visits to hostels are planned.**

3. Students are assigned with teacher guardian. Weekley meetings are conducted to motivate and guide the students. This has proven to be a good mechanism to create an inclusive environment.

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

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

1. Online webinars are conducted which sensitize students towards values.
2. Covid Vaccination Camp: Under the "Yuva Swastha Mission" Covid-19 vaccination camp was completed in three phases. The Phase-I was organized on 27th and 28th October, 2021, phase-II on 7th January 2022 and Phase-III on 23rd-24th February 2022. The camp was organized by MIT's National Service Scheme (NSS) unit and Student Representative Council (SRC) in association with Directorate of Technical Education (DTE), Mumbai and Aurangabad Municipal Corporation (AMC). Total 583 students were vaccinated in this camp.
3. Constitution Day is celebrated in India on November 26 every year. The volunteers are celebrated this event by reading the preamble of the constitution.
4. Pledge: The NSS volunteers and Program Officer of MIT unit were attended the district level workshop on National Tobacco Control Program at Devgiri college, Aurangabad. The workshop was held on 23rd Dec, 2021 in which participants took a pledge against chewing tobacco.
5. Every year on 25th January, the country observes National Voters Day. On this occasion the students and staffs were took a pledge of voting.
6. Pledge: In view of increasing instances of violence and anxiety, it is pertinent that the world community commits itself to the path of nonviolence by observing the 'International Day of Nonviolence' on 2nd October, the day of Gandhi Jayanti in an

appropriate manner. In this context all attendees took a pledge of Nonviolence on this occasion.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

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

B. Any 3 of the above

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

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

- 1. National Service Scheme day**
- 2. National Education day**
- 3. National Youth Day**
- 4. Parakram Diwas Celebration**
- 5. The International Women Day**
- 6. National Voters Day**
- 7. Independence Day**
- 8. Dr. Babasaheb Ambedkar Jayanti**

9. Mahatma Gandhi Jayanti
10. Republic Day
11. International Yog Day
12. Shiv Jayanti

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Teacher Gurdian Scheme

Institute has launched dedicated Teacher guardian in every department where faculty from respective departments take care of problems of students. Student also get career guidance, get to know about new opportunities from their guardian.

It was observed that students were hesitate to share their issues with subject teachers or higher authorities. Student need mentorship which helps them a lot. Each faculty member is assigned with 15 to 20 students. Weekly meetings are conducted with the students' groups. Gurdian interacts with the parents too regarding the progress of the student. It is observed that student share their problems, issues with teacher guardian. Guardians keep track of progress of student in various subjects. They provided students with resources using which performance was improved.

Training and placement activities

Regular training placement is imparted in the area of communication skill and aptitude to the students to make them employable. The final year program also consists of in-plant training in the final semester. Through the practice students with particular skill set are offered training at related industries.

Student employability is a key indicator of success of the

institute. To make students employable, they need to have field related skills as well as soft skills. The Career path module is implemented from first year students. Regular sessions are organized related to field related skills and soft skills.

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

7.3 - Institutional Distinctiveness

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

Microenterprises at MIT Aurangabad - MIT is setting up many laboratories and facilities. The user while learning to use these facilities does it with some purpose. The purpose is to render some service of value to the industry or community or to develop some product. Microenterprise in this sense encourages people to be responsible for what they do with the resources given to them. It rewards performers by giving them the authority to spend the resources they generated. It is a Micro Idea with Macro Impact”.

- Enhancing employability in the area of plastic engineering through skill development trainings and manufacturing support.
- Encouraging Entrepreneurship to students and new comers. MIT-Center for Industry Relevance in Polymer Science and Technology (M-CIP)- an industry scale Plastic manufacturing plant to nurture young talents with an entrepreneurial and global mindset.

MIT- Center for Analytical Research Studies

MIT- Center for Analytical Research Studies (MIT-CARS) is another micro enterprise established for catering the needs of farmers, industry, researchers and all other stakeholder across the globe.

MIT-Siemens Center of Excellence Center of Excellence in Automation

To deliver knowledge of the content in the Mechatronics Systems

To deliver knowledge of the content in the Automation fundamentals

and systems

This knowledge would enable the students to: Take a productive, self-organizing part in a project team understand and translate customer wishes to technical requirements to reach.

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

7.3.2 - Plan of action for the next academic year

1. Identify and introduce subject in revised curriculum to impart required skillset to make student industry ready.
2. Upgradation of existing laboratories and purchase of equipment to promote student projects and research activities of faculty members.
3. Implementation of institute ERP system in all academic and administrative activities
4. Promoting research culture among students and faculty.
5. Promoting the innovation and incubation culture among the students and faculty members through institutions Innovation Council.
6. Applying to various funding agencies in order to receive the funds for innovation, incubation and research.
7. Conducting training of faculty members to create awareness of ICT tools among all faculty members.
8. Organization of workshop, seminar and job-oriented services by the Career Counselling and Placement Unit.
9. To promote the extension activities among students through NSS, Unnat Bharat Abhiyan and Unnat Maharashtra Abhiyan programs.
10. To promote the co-curricular and extra curricular activities for the students.

