



# **YEARLY STATUS REPORT - 2020-2021**

## **Part A**

### **Data of the Institution**

#### **1.Name of the Institution**

**MARATHWADA MITRA MANDAL'S  
INSTITUTE OF TECHNOLOGY**

- Name of the Head of the institution **Rupesh V. Bhortake**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **9850359802**
- Mobile No: **9049008003**
- Registered e-mail **principal@mmit.edu.in**
- Alternate e-mail **adminofficer@mmit.edu.in**
- Address **Survey No. 35, Plot No. 5/6,  
Vadgaon Shinde Road, Lohgaon,  
Pune - 411047**
- City/Town **Pune**
- State/UT **Maharashtra**
- Pin Code **411047**

#### **2.Institutional status**

- Affiliated / Constitution Colleges
- Type of Institution **Co-education**
- Location **Urban**

- Financial Status **Self-financing**
- Name of the Affiliating University **Savitribai Phule Pune University, Pune**
- Name of the IQAC Coordinator **Dr. Anjali Joshi**
- Phone No. **7447786623**
- Alternate phone No. **8149061861**
- Mobile **9850826636**
- IQAC e-mail address **iqac@mmit.edu.in**
- Alternate e-mail address **anjali.joshi@mmit.edu.in**
- 3. Website address (Web link of the AQAR (Previous Academic Year) **<https://www.mmit.edu.in/index.php/iqac/aqar>**
- 4. Whether Academic Calendar prepared during the year? **Yes**
  - if yes, whether it is uploaded in the Institutional website Web link: **<https://www.mmit.edu.in/index.php/academics/academic-planner>**

**5. Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A</b>	<b>3.03</b>	<b>2018</b>	<b>16/08/2018</b>	<b>15/08/2023</b>

**6. Date of Establishment of IQAC** **18/02/2016**

**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
<b>Computer Engineering</b>	<b>Aspire Research Project</b>	<b>Board for College and University Development, Savitribai Phule Pune University</b>	<b>2019-21</b>	<b>5.9 Lakh</b>

**8. Whether composition of IQAC as per latest NAAC guidelines** **Yes**

- Upload latest notification of formation of IQAC [View File](#)

**9. No. of IQAC meetings held during the year** **2**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**
- If No, please upload the minutes of the meeting(s) and Action Taken Report [View File](#)

**10. Whether IQAC received funding from any of the funding agency to support its activities during the year?** **No**

- If yes, mention the amount

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

1. Commencement of Mechatronics Engineering branch from AY 2020-2021.
2. Organization of International Conference in Collaboration with IFERP Journal (interdisciplinary).
3. Development of e-contents and database for e-Learning. 100% faculties have molded themselves and adopted for a changed scenario of online teaching-learning process. The institute has an ample database for video lectures and online teaching material.
4. Quality Initiative Programs (QIP) conducted in Mechanical and Computer Engineering Departments such as Online workshop for Role of Supporting staff in NBA accreditation process is conducted at State Level
5. Planning and Development of laboratories for Civil Engineering and Mechatronics branches.

**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
Resources and Infrastructure development for Civil and Mechatronics	The re-arrangement in the location of the mess and canteen is worked out and the space is allocated to the Civil and Mechatronics department. The draft of layout is prepared and it would be put before the management for discussion.
Introducing New branch Artificial Intelligence and Data Science	The necessary formalities of sanction from AICTE, DTE and SPPU are received and branch is commenced from the AY 2021-22
Development of e-contents and database for e-Learning	100% faculties have molded themselves and adopted for a changed scenario of online teaching-learning process. The institute has an ample database for video lectures and online teaching material.
Organizing an interdisciplinary International Conference	Interdisciplinary International Conference was organized in the month of July 2021. Total 144 papers were presented in this conference.

**13. Whether the AQAR was placed before statutory body?**

**Yes**

- Name of the statutory body

Name	Date of meeting(s)
CDC	16/09/2021

**14. Whether institutional data submitted to AISHE**

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	MARATHWADA MITRA MANDAL'S INSTITUTE OF TECHNOLOGY
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• Designation	Principal
• Does the institution function from its own campus?	Yes
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• Name of the Affiliating University	Savitribai Phule Pune University, Pune

• Name of the IQAC Coordinator	Dr. Anjali Joshi				
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4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.mmit.edu.in/index.php/academics/academic-planner">https://www.mmit.edu.in/index.php/academics/academic-planner</a>				
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• Upload latest notification of formation of			<a href="#">View File</a>		

IQAC		
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<ul style="list-style-type: none"><li>• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li></ul>	Yes	
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<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
CDC	16/09/2021
<b>14.Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
2020	31/01/2022
<b>15.Multidisciplinary / interdisciplinary</b>	



<b>16.Academic bank of credits (ABC):</b>
<b>17.Skill development:</b>
<b>18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)</b>
<b>19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):</b>
<b>20.Distance education/online education:</b>

### Extended Profile

<b>1.Programme</b>	
1.1  Number of courses offered by the institution across all programs during the year	127
File Description	Documents
Data Template	<a href="#">View File</a>
<b>2.Student</b>	
2.1  Number of students during the year	900
File Description	Documents
Data Template	<a href="#">View File</a>
2.2  Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	109

File Description	Documents
Data Template	<a href="#">View File</a>
2.3	227
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1	47
Number of full time teachers during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
3.2	52
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	18
Total number of Classrooms and Seminar halls	
4.2	25.58
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	487
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

Institution has the mechanism for well planned curriculum delivery and documentation. Institution follows the curriculum prescribed by the Savitribai Phule Pune University (SPPU).

Before commencement of every academic year, Academic planner of institution is prepared in accordance with academic calendar of university.

As per the institutional academic planner each department prepares detailed departmental academic calendar by incorporating term commencement, examination schedule, department and institution level activities, workshops, guest/expert lectures, industrial visits, display of defaulter list and end of the term etc.

Time tables are prepared according to theory and practical load allotted to faculty. After approval, timetables are also displayed on common notice board, website, Google Apps.

Faculty prepares teaching plan, lab plan and course file before start of semester considering teaching methodologies like classroom teaching, laboratory demonstration, project based learning, seminars, webinars, guest lectures, workshops.

Institute effectively conducts the simulations of Experiments through Virtual Labs Under IIT, Bombay.

Industrial visits, industrial projects are organized to bridge the gap between curriculum and industry.

AMC conducts academic audit regularly to ensure the quality of academics.

Slow and advanced learners are identified and treated accordingly. The remedial classes are also conducted for the failed students to improve their results.

Institution has effective Guardian Faculty Member (GFM) system to monitor students' attendance and overall progress. Students' academic progress is updated with Parents through Parent Teacher Meeting (PTM).

During Covid-19 pandemic, Institute has focused on Online Teaching and conducted ONLINE lectures, Online Tests for students.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://www.mmit.edu.in/index.php/igac/agar/2-uncategorised/332-criterion-i-1-1-1">https://www.mmit.edu.in/index.php/igac/agar/2-uncategorised/332-criterion-i-1-1-1</a>

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

At the start of Academic activities students are made aware about evaluation system. Continuous evaluation sheet is being shared with students on monthly basis.

The reforms adopted by the institution are as follows:

The institution conducts practice for online multiple choice questions examination on Google Classroom.

The institution conducts term-end examinations at the end of the semester.

These examinations are conducted to develop confidence among students to face university examinations

Students absent for the unit test and students with poor performance are advised to appear for a retest to improve their performance.

Term work evaluation is carried out based on term work assessment sheet. It includes student's attendance, assignments, unit test marks and completion of lab journals.

Seminar evaluation of students is carried out based on presentation skill, literature review of topic, understanding of topic, timely submission of report and regular interactions with guide.

The factors considered for evaluation of project are synopsis, understanding of project topic, design or synthesis, mathematical modeling, presentation, experimental results and project report. Students are also motivated to participate in various Project Competitions. Students are also advised to publish technical papers based on their Project work in Conferences.

File Description	Documents
Upload relevant supporting documents	<a href="#">View File</a>
Link for Additional information	<a href="https://www.mmit.edu.in/index.php/igac/agar/2-uncategorised/333-criterion-i-1-1-2">https://www.mmit.edu.in/index.php/igac/agar/2-uncategorised/333-criterion-i-1-1-2</a>

**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**

**A. All of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 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**

**3**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**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)

10

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

### 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

49

#### 1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

49

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

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

**Gender Issues:** Institute always promote equal representation of girl students in committees like Student council, Cultural, NSS and participation in Curricular and extracurricular activities. Different events conducted regularly such as workshops on Health and Psychology of Women, Celebration of International Women's Day, Health Checkup Camp.

**Environment and Sustainability:** The institution conducts Green Audit to improve the Environment Conditions. The institution has a biogas plant for utilization of waste food in the hostel mess. Sewage Treatment Plant (STP) of 40,000 liters capacity is set up in the institution to treat the waste water. Drip irrigation .

Rain Water harvesting system are some measures for water conservation. The institution saves electricity by the use of solar system and LED lamps all over the campus.

**Tree Plantation:** Every year institute conducts tree plantation program and green zone in campus is always increasing.

**Human Values and professional Ethics :** NSS unit conducts extension activities in adopted village through residential camp at Wadhu (Bk). Institution conducts a Blood Donation, celebrates Constitution Day, Yoga Day, Youth Day, Teachers day, Engineers day, Republic day, Independence Day etc. to percolate values about nationalism and integrity. Institution frequently visits to Orphanage home near by institution for extending help.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	<a href="#">View File</a>

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

5

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<a href="#">View File</a>

### 1.3.3 - Number of students undertaking project work/field work/ internships

636

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

## 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	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View File</a>
Any additional information(Upload)	<a href="#">View File</a>

#### 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	<a href="#">View File</a>
URL for feedback report	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/141-Sample-Feedback-Student-Alumni-teacher-and-Alumni.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/141-Sample-Feedback-Student-Alumni-teacher-and-Alumni.pdf</a>

### 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

571

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

##### 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

109

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 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

### Identification of learning levels

Student's learning levels (slow learners and advanced learners) are identified on the basis of qualifying marks and the prerequisite test at the initial stage followed by evaluation based on their performance, examination results. Institution organizes orientation programme for newly admitted students.

### Measures for slow learners

- Basic training is given for use of mini-drafter and scientific calculators.
- Extra lectures, Remedial sessions, Mock oral and practical sessions, open book test are organized
- Online and offline practice tests, term-end theory examinations are planned
- Regular interaction with students is carried out through mentor-mentee meeting to discuss academic and personal issues of students.
- Recorded video lectures are shared

### Measures for Advanced Learner

- Institute organizes Project competition, Technical events
- Students are guided for Project Based Learning, Mini Projects.
- Participation in National level events such as BAJA , Go-Kart etc.
- Motivational lectures, soft skill, personality development, career counseling, group discussion, personal interviews and aptitude enhancement sessions
- Expert talks by resource persons from industries and academic institutions
- Encouragement for participation in workshops, paper publications, Internships and industrial sponsored projects

- GATE and GRE preparatory sessions .
- Central library has a collection of books and e-resource for competitive examinations
- Library of NPTEL videos

File Description	Documents
Link for additional Information	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/221--Learning-levels-of-the-students.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/221--Learning-levels-of-the-students.pdf</a>
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
900	47

File Description	Documents
Any additional information	<a href="#">View File</a>

## 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

For better understanding of subjects, institutions adopt and emphasize student's centric methods. The institution is using Google Suits and CMS (Course Management System) like Moodle for accessing learning resources. The necessary login IDs are provided to staff and students for accessing the learning resources.

### Experiential learning

- Institution has fully equipped laboratories and workshop to conduct the practical sessions to validate theory and practical results
- Institution is Virtual Labs Nodal Center(VLNC) of IIT Bombay that provides various labs as a tool in experiential learning
- Experiential learning is ensured through the Industrial Visit, Industry Sponsored Projects, and Internship, Workshops and Training programs

### Participative learning

- Institution always encourage students to participate in curricular, co-curricular, sports and extra-curricular activities
- Institute conducts Project Competition Techno-Sci to provide a platform for students to showcase their technical ideas
- The NSS unit of the institution, in coordination with SPPU, organizes social awareness programmes to develop a sense of societal and civic responsibilities among the students

### Problem solving methodologies

- Students has final year projects, mini projects and project based learning in curriculum which is absolutely based on the problem solving methodology
- Problem solving methodologies like Trial and Error, Breaking large task into small steps, Creating short goal, etc is a regular practice during the lab session

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/231-Student-centric-methods.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/231-Student-centric-methods.pdf</a>

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

The institution provides ICT-based tools which helps staff in administration and planning of teaching learning. Due to COVID-19 Pandemic, the Institution has completely switched on Online platform. Lectures are conducted on Google meets and recorded videos lectures are provided to the students through google classroom. Faculties share study material to students on Google apps in advance. This results in making sessions interactive and attentive for the effective teaching-learning process. Teachers

use PPT, demonstration and discuss case studies to represent difficult concepts more effectively. Teachers use software such as Google Colab, MATLAB, Android Studio, Online C++ Compiler, etc for practical based learning / simulation / modeling to get better awareness about the applications of the subject. Institution has a set of smart classrooms. Smart classroom tools are attractive methods of teaching due to audio-visual senses. National Program on Technology Enhanced Learning (NPTEL) Video lectures are made available to students to understand the subject thoroughly. Teachers also make use of e-resources to deal with complex concepts. Virtual labs are used as a tool in experimental learning for simulation and optimization. Assessment and evaluation process is also carried out on google apps.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_2/2/232-Teachers-use-ICT.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_2/2/232-Teachers-use-ICT.pdf</a>

### 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

45

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

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

47

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

#### 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

4

File Description	Documents
Any additional information	No File Uploaded
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)	<a href="#">View File</a>

#### 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

310

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 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.

- The broad parameters for internal assessment are unit tests, assignments, project assessment and evaluation, term end examination, laboratory performance, etc. These parameters are conveyed to the students before the commencement of the teaching process. The schedule of the same is incorporated in the academic calendar.
- Various tools are used for assessment of above-mentioned parameters such as Google Classroom, oral / written / online examinations / presentations, etc.
- Continuous evaluation of students is made for each theory and practical course at the department level.
- After conducting tests / examinations, model answers and marking schemes are made available to students. Subject teachers give specific remarks on the answer sheet for awarding less marks, if any. The answer papers of the written examination are made available to students for viewing.
- The weightage is given to every activity and its record is maintained in a Google Sheet / excel which is available to students for viewing. Students can monitor their assessment online and in real time and the advantage of this process is maximum transparency.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/251-Sample-TW-distribution-sheets_final.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/251-Sample-TW-distribution-sheets_final.pdf</a>

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

The college has a well organized mechanism for Redressal of internal examination related grievances. The student can approach the Subject Teachers, College Examination Officer and Principal to redress the examination related grievance as per the requirement

and jurisdiction of the grievance.

- After conducting any offline tests / examinations, model answers and marking schemes are made available to the students. The answer papers of the written examination are made available to students for viewing. Subject teachers give specific remarks on the answer sheet for awarding less marks, if any.
- If any student feels that the marks given to him in any paper are not as per the model answer, he or she can raise the grievance by meeting the subject teacher in-person. The students should raise grievances immediately after declaration of the result. If there is a change in score, it is corrected by the Subject teacher.
- After conducting any online tests / examinations, the result of the test along with correct options is available to the students. If a student has any grievance or query or needs further clarification, he / she can approach the subject teacher in-person and can discuss the result.
- Project/Seminar evaluation is conducted in front of the panel (group of faculties).
- The institute also has an internal examination committee and College Exam Officer to monitor all such grievances, if any.

File Description	Documents
Any additional information	<a href="#">View File</a>
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.

Keeping a focus on Outcome Based Education (OBE), the Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the individual teacher and are finalized at department level while the Program Outcomes (POs) are defined by NBA. As the institute is affiliated to SPPU, the COs states in the syllabus are referred



to. Wherever necessary, they are modified by the subject teacher.

Faculties are encouraged to attend Workshop / Seminar / Webinar / FDPs related with framing and attainment of CO, PO & PSO. Whenever necessary, the faculties who have attended these programs, conduct a session for other faculties at the institute level.

The POs, PSOs and COs are discussed by the subject teacher during their regular classes at an appropriate interval. They are also communicated to the stakeholders in many ways - Institute Website, Laboratory Manuals / Journals, Display in Classrooms, Department and Laboratory Notice Boards, Faculty meetings and library. Graduate attributes are discussed with the freshly admitted students at the commencement of the programme.

Before the commencement of any new unit, topic, subject teacher discusses the Course Objectives and Course Outcomes with students. The various internal and external tools of assessment of COs, POS and PSOs are explained to students by the subject teacher.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	<a href="https://www.mmit.edu.in/index.php/mechanical-engineering/b-e-mechanical/sppu-course-objective">https://www.mmit.edu.in/index.php/mechanical-engineering/b-e-mechanical/sppu-course-objective</a>
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

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

Course outcome targets are set for individual subjects by referring to the subject result of previous examinations. The percentage of students achieving the average percentage of marks is analyzed for each subject and the CO attainment target is set accordingly. Subject teachers has flexibility in modifying the target level in discussion with HODs.

Student's assessment is carried out through one or more methods of direct and indirect assessment to evaluate the achievement of course outcomes (CO's).

Direct methods such as unit tests, internal assessment, assignments, university in-semester and end -semester

examinations, Term work assessment/laboratory assignments/practicals, mini projects through PBL, etc. are used by subject teachers.

Indirect methods such as Course Exit Surveys, Alumni Feedback, Extracurricular Activities Feedback, Employer Survey, Parents Feedback, etc are used. The weightage given to the direct assessment includes internal assessment (at institute level) and external assessment (at university examination level). The appropriate weightage is assigned to all assessment levels.

From the CO-PO attainment matrix and analysis tools, CO-PO attainment for every subject is calculated and is summarized at one place. Based on the summary of PO attainment of all years of study of the same batch, observations / remedial / conclusions are drawn at department level and remedial action is taken wherever necessary.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_2/262-COPO-Attsinment--Manual.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_2/262-COPO-Attsinment--Manual.pdf</a>

### 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

216

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_2/2631-Final-Annual-Acitivity-Report-2020-21.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_2/2631-Final-Annual-Acitivity-Report-2020-21.pdf</a>

## 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://www.mmit.edu.in/images/IOAC/AOAC\\_22/271-SSS-AY-2020-21.pdf](https://www.mmit.edu.in/images/IOAC/AOAC_22/271-SSS-AY-2020-21.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)**

5.90

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**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**

01

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	Nil

**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

46

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	No File Uploaded

## 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

01

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

### 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

21

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

## 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

**Sensitizing Students to Social Issues:** MMIT have organizes various activities beneficial for the community in the neighborhood and a special seven-day camp in an adopted village. Some of these initiatives include:

1. The National Service Scheme (NSS) Unit of our institution is conducting seven days Camp every year in collaboration with Grampanchayat and SPPU, Pune. During the camp, various activities are carried out like:

- a. Swacha Bharat Abhiyan
- b. Digital Awareness Program
- c. Pani-Aadva-Pani-Jirva Campaign
- d. Tree Plantation Program
- e. Street Play on Women Empowerment & Cashless Transaction
- f. Andhashradha Nirmulan Program
- g. Cultural Program for Villagers
- h. Medical Checkup Camp

**Impact on Students:**

'Welfare of Masses' is the motto of our parent body, Marathwada Mitra Mandal. Through the organization of social activities, cultural programs, awareness programs, and medical camps, students will have new opportunities to develop their skills and leadership abilities. These activities enable students to identify the real-life problems in rural areas. The students participate in village development in consultation with the local authority and complete the activity during the camp. With the help of these well-crafted activities, students become more aware of their role and future contributions as responsible corporate citizens.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 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

01

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

### 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

9

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

### 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**

379

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**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**

53

File Description	Documents
e-copies of linkage related Document	<a href="#">View File</a>
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

**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**

12

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

## 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.

#### Land Availability:

The institution has spread over an area of 13.99 acres as against the minimum area requirement of 2.5 acre. playground of 6.7 acres .

#### Built-up Area:

As against the built-up area requirement of AICTE (7880.25 sq.mtr.), institution has sbuilt-up area of 18784.29 sq.mtr.

#### Classrooms and Tutorial Rooms:

Institution has 17 classrooms which are well equipped with ICT facilities to adopt appropriate teaching methodology.

#### Seminar Halls:

The fully equipped seminar halls are available to interact with large crowd or to conduct expert lectures, curricular, extra-curricular and other activities.

#### Laboratories:

Fully equipped 27 laboratories are available in the institution to conduct the practical and virtual lab .

#### Workshop:

The workshop of the institution is fully equipped with ample availability of machinerries .

#### Computational Equipment and Facilities:

The computer to student ratio is 1:2 which provides almost exclusive use of computers. hostels, mess and canteen. The internet bandwidth of 51 Mbps provides adequate internet connectivity.

#### Library:



The Central Library of the institution is spread over 460 sq.mtr with two domains: conventional library and digital library

#### Student Cooperative Store:

A dedicated student cooperative store is available in the institution that caters the need of stationery and photocopy facility.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

The institution has playground area of 6.7 acres for sports. Students are encouraged to participate in various sports, games and cultural activities at University, State and National level competitions.

#### Indoor Games and Outdoor Games:

The institution has a playground to play various sports like Cricket, Volleyball, Football, Kabaddi, Kho- kho etc. A separate indoor game area of 150 sq.mtr is provided for playing Chess, Table tennis, Carom, Badminton, etc. Annual sports week is conducted in the institution and the winners of these competitions are appreciated by giving certificates and trophies.

#### Gymnasium:

The institution has a well equipped gymnasium area of 100 sq.mtr. Equipments such as Peck Deck Machine, Chest press machine, Incline/Decline Bench, Gymnasium Bike, Dumbbells, Plate, Barbells, Weight Lifting Bars, Single Bar, Double Bar, Dip Stand, Dumbbell Plate Stand etc. are available in the Gymnasium. Students utilize these facilities to keep themselves physically fit.

#### Yoga Centre:

A yoga Center is available for the students where they can perform yoga activities.

**Cultural Activities:**

All cultural activities are carried out on the ground as well as at open amphitheatre having area 600 sq.mtr with good landscaping and ample seating capacity.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

18

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

18

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

**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)**

0.21846

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

The institution has Integrated Library Management System software "System for Library Information Management" (SLIM - 21, version 2.9.12) which is fully automated with barcode technology. SLIM software is used to track the record of books issued or available in the library. The software is upgraded to the version 3.6.0 in September 2021. The modules of software as follows

- Acquisition: To create database of newly arrived books.
- Circulation: To issue/return/renew books to students & staff.
- Cataloging: To generate accession register and reports.
- Serial: To maintain and keep record of the serial (Printed Journals & Magazines).
- Web Opac: To access library resource from remote places.
- Online Public Access Catalogue (OPAC) tool: To explore library resources. Various search options available in OPAC are as follows

**General Search:** Users can search the library resources using Title, Author, Publication, Keywords and Classification number.

**Advanced Search:** The searching can be done with various combinations such as Title, Author, Publication, Keywords, Classification number.

**Accession Search:** Quick search of books can be done by using accession numbers. History of users and library resources

**Report Generation:** Integrated Library Management System software is one of the important tool to generate various reports viz. Journal Reports, Acquisition reports, Abstract reports, Stock reports etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	Nil

**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**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**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)**

1.17

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

**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**

14

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

### 4.3 - IT Infrastructure

#### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

IT Facilities Prior Existing Updated on Barcode Scanner for Library 02 02 15/10/2020 Wi-Fi Access Point 30 30 15/10/2020 Lease Line 51Mbps 51Mbps 15/10/2020 CCTV 74 74 15/10/2020 Network Updation

2 SonicWall

NSA 4600

2 SonicWall

NSA 4600

15/10/2020 IBM Server 2 2 15/10/2020 Internet switches 43 43  
15/10/2020 Graphics Card 20 20 15/10/2020 Firewall 02 02  
15/10/2020 Pc's Connected to LAN 431 487 15/10/2020 Printers 58 58  
15/10/2020 Network Updation

Class B

Class B

15/10/2020 LCD Projector 24 30 15/10/2020 Smart Board 03 03  
15/10/2020 Details of computing facilities: Item Quantity Desktop Computers 487 Servers 02 Laptops and notebooks 17 Laser Printer (B&W) 40 Dot Matrix Printer 12 Color Printers 03 Plotter 01 All in one Printer 03 LCD Projectors 30 Scanners 05 Finger Print Scanner 01 Barcode Scanner 02 Digital Copier 02 Digital fast copier (for exam) 01

Details of Softwares:

IT Software Prior Existing Updated on

**CATIA V6 PLM**

20 Seats Renewed 20 Seats 15/10/2020

**CATIA V5 PLM**

20 Seats Renewed 20 Seats 15/10/2020

**Details of Perpetual Licenses Software:**

IT Software Details ANSYS 13.0 25 seats MATLAB 30 seats Master CAM  
20 seats Automation Studio 01 Auto CAD 40 seats Quick Heal  
Antivirus 10 licenses

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**4.3.2 - Number of Computers**

487

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Student – computer ratio	<a href="#">View File</a>

**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	<a href="#">View File</a>

**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)

25

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts.	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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.

The institution has functional committee of 'Maintenance, Housekeeping and Write-off' under Dean Administration for maintaining lab and support facilities.

#### Laboratories

Preventive maintenance of laboratory equipments, electrical & plumbing facilities, etc. is carried out to avoid premature failure of a facility or equipment, item, etc.

In case the facility or lab equipment is damaged or not working properly, the responsible staff conveys the same to the Maintenance Committee through the Head and accordingly Maintenance Committee initiates the action to resolve the problem.

Calibration of instruments is carried out as per standards and guidelines provided on it. Experimental setups and equipments are tested by faculty and lab assistant periodically.

#### Computers

Computer maintenance, Electrical repairs and other maintenance work are carried out in-house by lab assistants and in case if it is required, then maintenance work is outsourced.

## Library

The process of stock verification is mandatory for library.

## Sports ground and facilities

Sports ground maintenance include Leveling, Grass cutting, Line marking, Pitch renovation, Watering, Rolling, etc.

## Other maintenance

Repair and maintenance of the central facilities like DG set, transformer, RO plant, heavy duty digital copier, elevator, bore well pumps, CCTV, fire fighting system and water coolers, etc are carried out periodically.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.mmit.edu.in/images/GovernanceActual/Maintainance-Policy.pdf">https://www.mmit.edu.in/images/GovernanceActual/Maintainance-Policy.pdf</a>

## 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**

637



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

### 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 benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

67

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

### 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	<a href="https://www.mmit.edu.in/index.php/student-life/capacity-building-and-skill-development">https://www.mmit.edu.in/index.php/student-life/capacity-building-and-skill-development</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

#### 5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

213

##### 5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

213

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student 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**

**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## 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

108

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 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

06

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

### 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

3

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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.**

11

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
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)	<a href="#">View File</a>

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 )

As per the Maharashtra Universities Act, the Student Council is formed in the institution every year for the participation of students in academic and administrative committees. This council ensures the participation of students in all curricular and extracurricular activities. The academic topper students of each class are a member of this council. A committee consists of General Secretary, Sports Secretary, Ladies Representative, and Cultural Secretary. Applications are invited from the interested students and scrutinized on the basis of academic performance, capabilities and followed by personal interviews. The

institutional committees are as follows.

**ANTI RAGGING COMMITTEE:** The student members of the anti-ragging committee help the fresher to improve their confidence through counseling.

**INTERNAL COMPLAINTS COMMITTEE:** To provide moral support to the students to raise their grievances.

**IQAC COMMITTEE:** Students are actively participated in IQAC Cell and give inputs according to need.

**COLLEGE DEVELOPMENT COMMITTEE:** Students are actively participated in College Development Committee and give strategic inputs for quality enhancement.

**SC/ST & OBC CELL:** To accumulate reports and information regarding the Government of India and UGC orders of SC/ST & OBC.

**HOSTEL, MESS, AND CANTEEN COMMITTEE:** The student members ensure and communicate the security and amenities & monitor the quality of food.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/index.php/key-committees">https://www.mmit.edu.in/index.php/key-committees</a>
Upload any additional information	<a href="#">View File</a>

**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**

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	No File Uploaded
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)	<a href="#">View File</a>

## 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

Yes. The institution has registered Alumni Association named as Alumni Association of Marathwada Mitra Mandal's Institute of Technology (AAMMIT) and is registered with Assistant Registrar of Society, Pune Region, Pune (Registration number: Maharashtra/189/2017/Pune) as per the Maharashtra Government rules.

Nonfinancial Contribution of Alumni Association:

1. Establishing (MoU) between the institution and alumni entrepreneurs
2. Suggestions and Support for Training and Placement Cell
3. To enhance the teaching-learning process through Expert/Guest Lectures
4. Interaction with students in the areas of career awareness and career planning
5. Participation in IQAC Cell to set the targets for the academic processes
6. Getting feedback from the alumni for improving the quality of education
7. Support in conduction of industrial visits to their organization

8. Giving inputs for syllabus revision as an advisory committee member.

9. Guidance to students for project work & latest technology.

10. Job-oriented training program under Value Added Courses.

#### Financial Contribution of Alumni Association:

Alumni also contribute to the development of the institution by providing financial aid, donations in the form of Books, Industry training etc. which in turn are utilized for student development. AAMMIT has generated Corpus money Rs. 1,53,500/ in the academic year 2020-21 for the development of students.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/index.php/alumni/alumni-reunions">https://www.mmit.edu.in/index.php/alumni/alumni-reunions</a>
Upload any additional information	<a href="#">View File</a>

#### 5.4.2 - Alumni contribution during the year D. 1 Lakhs - 3Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	<a href="#">View File</a>

### 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 Marathwada Mitramandal Trust Pune was established with a motto of "Welfare of Masses".
- The Vision of the Institution is to strive for achieving "Techno-Social Excellence".
- The mission of the Institution is to:

- Enhance technology transfer

- Implement entrepreneurship

- Promote global competency
- Integrate innovative pedagogy
- Create excellent human resource

The vision and mission of the institute gets easily perceived and reflected through physical infrastructure, teaching learning methodologies, technical and social activities carried out.

- Core values of the institution viz. team work, adaptive research, lifelong learning, societal trust and value based ethics are together driving the Institution towards the achievement of its Vision and Mission.
- For effective implementation and monitoring of administration and academics, Deans frame the policies in consultation with Head of departments and the Principal. The Internal Quality Assurance Cell of the institution plays an active role in monitoring the quality pertaining to various activities.
- Student-centric social activities, build the awareness among students about societal responsibility.
- Institution carries its social responsibilities through measures such as providing fees concession and financial support to economically weak students.
- The activities like organization of workshops, conferences, seminars, industry sponsored projects etc. are used for linking academics and industrial activities.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_2/611-Vision-Mission.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_2/611-Vision-Mission.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

- The Institution has a functional committees for the implementation of all decisions and resolutions. Governing Body (GB) approves quality policies and provides necessary support for institutional improvement.
- The Principal, with the head of departments and faculties ensures the implementation of quality policies.



**Practice 1:****Web Development & Updation**

Under Dean Administration, "Web Development" committee is functional at the institute. The committee comprises of staff of the institute and lead by faculty member. This committee takes care about all the updations about institute website i.e. [www.mmit.edu.in](http://www.mmit.edu.in). The main functions of this committee includes- updation of important notices on website, provision of link for fees payment through website, provision of forms related to admission, updation of information related to latest developments about all stake-holders etc.

**Practice 2:****University & Institute Examination**

Under Dean Academics, "University & Institute Examination" committee is functional at the institute. The committee includes staff from each department and it is headed by a faculty. Following are the functions carried out by this committee- Conduction of university exams and internal exams, prepare orders for examiners, exam billing process, distribute mark-sheets and certificates to students, store the question papers & answer-sheets in custody till further distribution to examiners etc.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_2/612-Decentralization--Participative-Mgmt.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_2/612-Decentralization--Participative-Mgmt.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.2 - Strategy Development and Deployment**

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Institute has successfully implemented various activities of strategic plan for the improvement in following areas

**Objective 1: Implementation of E-Governance in Administration**

E-governance systems viz. Delnet, Slim, Online Fees portal, Online exam conduction, Google Classroom, Biometric attendance, CCTV

monitoring of campus etc., are implemented.

#### Objective 2: Improvement in Quality of Education

i. Conduction of skill-based courses. E.g. Add-on course on SQL.

ii. Faculty trainings, FDP etc E.g. faculties participated in "Webinar on How to Publish Papers in High Ranking Journals"

iii. Participation in "NIRF 2021"

iv. Online certificate courses for students- NPTEL, Coursera etc.

#### Objective 3: Encouraging Research and Development Activities

i. Organization of international conferences, workshops. E.g. Workshop organized on Openfoam

ii. Revenue generation. E.g. Rs. 62103/- revenue was generated through conduction of online exams

iii. Provision of registration expenses for faculties. Amount of Rs. 25268/- was spent by institute

iv. Industry collaborations. E.g. Workshop on 'Machine Learning' was conducted in collaboration with industry experts.

v. Faculties undertaking sponsored research projects

#### Objective 4: Entrepreneurship

Organizing talks on entrepreneurship. E.g. A program on 'Entrepreneurship opportunities post covid-19' was organized

#### Objective 5: Collaboration with Industries and Research Centers

Dept collaboration with industries for projects, internships, industry visits etc.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/621-Strategic-Plan-Deployment.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/621-Strategic-Plan-Deployment.pdf</a>
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.

Governing Body of the institute meets at regular interval for discussing various issues. IQAC, college development committee and principal take authoritative decisions through decentralization and participative management.

### I. Policies

Institute has defined its policies regarding Vision-Mission, quality, Strategic plan, Recruitment, Appraisal, Fund Mobilization etc. Each policy is available on institute website.

### II. Administrative setup

Organizational structure of the institution is headed by the Management. The Governing-Body is constituted as per the guidelines of competent authorities.

Academic and administrative departments are led by the Principal, Deans and HODs. Principal is the chairperson of IQAC. Functional committees are categorized under administration, academic, student-affairs and R&D.

### III. Appointment

Appointment of teaching staff is done considering Student-Teacher ratio / Cadre-ratio as per the norms laid down by AICTE/UGC/SPPU.

Appointment of technical/non-teaching staff is as per the requirement and recruitment policy guidelines

#### IV. Service Rules for teaching and non-teaching staff

Services of employees are governed by the Maharashtra Universities Act, 1994, Statutes, Code of Conduct, Ordinances, rules and regulations laid down by Savitribai Phule Pune University, State Government, Marathwada Mitramandal Trust, time to time.

#### V. Procedures

Institute follows predefined procedures for various activities.

E.g. Write off committee example is mentioned in the additional information.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/index.php/about-us/governance">https://www.mmit.edu.in/index.php/about-us/governance</a>
Link to Organogram of the Institution webpage	<a href="https://www.mmit.edu.in/index.php/about-us/organogram">https://www.mmit.edu.in/index.php/about-us/organogram</a>
Upload any additional information	<a href="#">View File</a>

#### 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	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>

#### 6.3 - Faculty Empowerment Strategies

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

Following measures are taken by the Institution towards welfare of teaching and non-teaching staff:

Loan facility: Marathwada Mitramandal Employees Co-operative Society provides a loan up-to Rs. 5,50,000/- to eligible staff members with minimum documentation.

Financial assistance in academic development of faculty

Special leave for wedding of staff

Official leave for doing Research

Research freedom is given to everyone for research of industrial interest.

Group Insurance Policy for all teaching and non-teaching staff.

Bus facility to desired faculty.

Staff quarters facility for staff is available in the campus.

Salary Advance: Advanced salary is provided in case of emergency need by any applicant faculty.

Fixed leaves as per norms: The Institution provides vacation leave in summer and winter apart from casual leaves. Casual leaves per annum are 15 days.

On duty leave for attending Seminars and Workshops.

Medical leaves of 10 days per year are given to eligible faculty and the same can be extended if required.

Maternity leaves of Six months are applicable to female staff.

Employee Provident Fund (EPF) available in the Institution.

RO Purified water facility

Precautionary measures at campus for safety of staff against Covid-19

Parent organization also takes care of teaching and non-teaching staff in emergency.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/images/IOAC/AOAC_2/631-Staff-Welfare.pdf">https://www.mmit.edu.in/images/IOAC/AOAC_2/631-Staff-Welfare.pdf</a>
Upload any additional information	<a href="#">View File</a>

### **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**

45

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### **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	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

#### 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

38

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

#### 6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

- Performance Based Appraisal System for Teaching Staff:

The institute has designed the performance-based appraisal system based on the guidelines of the All India Council for Technical

Education (AICTE) 360 degree appraisal, Government of Maharashtra and Savitribai Phule Pune University.

Self-appraisal is carried out on the parameters that include -

- (A) Teaching - Learning Activities
- (B) Co-curricular activities and extra-curricular
- (C) R&D, and extracurricular activities

An appraisal committee (consisting of senior staff from all departments) verifies the self-appraisal. HOD and Principal carries out a personal interaction with staff and reviews the performance appraisal.

- Appraisal System for Non-Teaching Staff

Appraisal of non-teaching staff is carried out on certain defined parameters including- Laboratory activities, Participation in department / institute level activities, work assigned and completed by staff, etc. Appraisal is carried out by HOD and Principal in a personal interaction with staff.

Suggestions for improvement and betterment are given and corrective actions are suggested to staff wherever necessary. This appraisal is one of the major factors for further appreciation, regular increments and promotion. Punitive action is recommended to the management as the case may be. Wherever necessary, the management interacts with staff for their problems, difficulties and suggests ways for improving their performance.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/images/About_Us/Policies/Revised-Appraisal-Policy.pdf">https://www.mmit.edu.in/images/About_Us/Policies/Revised-Appraisal-Policy.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 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



To ensure that, the allocated budget is properly utilized and to minimize any discrepancy; Institute conducts internal as well as external audit at regular intervals. A team of staff under qualified auditors do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year. Specific emphasis is given on accounting records of statutory compliances and payments such as TDS, GST and EPF. The last internal audit of the Institution was carried out by "Mundhe Shaha & Company" for the period of 01st April 2020 to 31st December 2020. The last external audit was conducted on 25 November 2020 by "Krishna Rawas & Associates". There were no major issues found and the budgeted and utilized quantities were found similar. In case of any objection/ discrepancy/ observation observed during the audit, the auditor prepares its report and it is submitted to the Institution. After receiving the report from the auditor, the Institution analyses the audit observations, risks/ impacts, recommendations / suggestions and accordingly a rectification / compliance report is submitted back to the auditors, for clarifications and settlement.

So far there have been no major findings / objections are pointed out during audits.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_2/641Financial-Audit.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_2/641Financial-Audit.pdf</a>
Upload any additional information	No File Uploaded

#### **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)**

156994

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

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

Institution has a mechanism to monitor effective use of funds, received from various sources viz., fees (major source of fund), scholarships, consultancies, conduction of competitive Examinations of State and Central Government, event sponsorships etc.

**Planning:** HoD invite faculties to propose their laboratory wise requirements along with supporting documents. The expenses required for the departmental activities such as organizing co-curricular and extra-curricular activities, are also included in the annual budget.

**Budget Formulation:** An annual budget of the department is prepared and forwarded by all the HODs to the Principal for his/her consent. Budget of all departments are reviewed by the Principal and the Administrative officer is asked to prepare consolidated budget of Institution and to forward it to Management Committee for a final approval.

**Allocation:** The Management Coordination Committee reviews the proposed budget received and then allocates the budget as per the necessity of the proposed expenses.

**Expenses:** Funds are utilized for the development of laboratories, procurement of books, journals, staff salary, development and maintenance activities etc.

The Institute follows standard procedure for bill settlement and payments.

**Audit:** Internal and external audits are carried out by Chartered Accountant at regular intervals to ensure proper utilization of funds as per their allocation.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/images/GovernanceActual/Funds-Mobilization-Policy.pdf">https://www.mmit.edu.in/images/GovernanceActual/Funds-Mobilization-Policy.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 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 strives to achieve overall development of all stakeholders with special emphasis on students.**

### Quality Assurance Strategies and Processes:

**A. Formation of a mechanism for ensuring timely, efficient and periodic progressive performance of academic, administrative, research and extension activities**

**IQAC reviews Teaching-Learning process, research, academic and administrative activities monitored, modified and reviewed under IQAC including:**

**Syllabus completion, Students progression and placement record, Organizing Seminars, guest lectures, workshops, conferences and FDPs, Faculty imparting innovations in teaching methodology etc. The IQAC coordinator presents the academic and administrative audit report to the IQAC committee members and necessary corrective actions are proposed.**

### **B. Promotion of Research Culture**

**For promoting research culture, IQAC encourages faculties and students to organize and participate in conferences, sponsored projects, national workshops etc.**

**As a case study of IQAC contribution, following example is elaborated.**

**The IQAC suggested organizing, international level conference for quality sustenance. An International Virtual conference on Emerging Trends in Engg and Management Sciences 2021 was organized between 23rd to 24th July, 2021. The conference was an activity**

conducted under MoU signed between Marathwada Mitramandal (MM) Trust and Institute for Engineering Research and Publication (IFERP). The conference received more than 350 papers and registered 175 papers from worldwide.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_2/651AAA-Report_IQAC-Contribution.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_2/651AAA-Report_IQAC-Contribution.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

**Review of Teaching-Learning processes is carried on the basis of Academic and Administrative Audit and Student Feedback.**

**A. Academic and Administrative Audit and its review are based on following some of the parameters:**

Teaching strategies, Innovations in teaching methodologies, Co-curricular activities, Research activities etc.

Departmental coordinator and functional committee members submit an audit report to respective HoD and Dean Academics for review and necessary improvements.

**B. Student Feedback as a tool of review:**

Students' feedback is taken online based on parameters such as Use of ICT tools, Content delivery etc.

**Teaching-Learning reforms facilitated by IQAC based on Academic and Administrative Audit and Student Feedback**

#### **1. Innovative Teaching-Learning Activities**

- Questioning technique, Classroom demonstrations, Use of software like MATLAB etc., Presentations by students

#### **2. IT Enabled Teaching-Learning**

- Maximum use of ICT-based tools, Use of e-resources, Virtual labs

### 3. Creative Teaching-Learning Activities

- Use of models, Mini tasks and project, Development of laboratory equipment and software

### 4. Open Teaching-Learning

- Students' involvement in experiential learning, Extra lectures and expert lectures, Organization of workshops

### 5. Facilities and Faculty Training for Effective Teaching-Learning

- Use of ICT tools, Encouragement to teachers for attending "Student Centric Teaching-Learning" workshops, Registration for online certification courses

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/652-AAA-Report_IQAC-Review.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/652-AAA-Report_IQAC-Review.pdf</a>
Upload any additional information	<a href="#">View File</a>

**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)**

**B. Any 3 of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/6.5.3_Annual-Reports--IQAC-Meet.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/6.5.3_Annual-Reports--IQAC-Meet.pdf</a>
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## 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

Institute provides equal opportunity to male & female staff and students in all the activities.

#### 1. SAFETY AND SECURITY:

- Prominent places in the institute are monitored by CCTV cameras.
- The institute provides 24 hours security including women's security guards to women's hostels. A separate ladies rector is appointed for the ladies hostel.
- The institute has constituted the necessary statutory and functional committees. The information is displayed at prominent places.
- Under the Women's Grievance Committee, several activities such as Health and Psychology workshop, Menstrual Health and Hygiene, Art of Living Sessions, Mental Hygiene & Immunity Booster workshop, etc are conducted.
- Anti ragging Committee and Anti ragging squad ensures ragging free campus.
- Suggestion boxes are kept at prominent places.
- During educational tours, industry visits, NSS campus, lady

faculty accompany the girls students.

## 2. COUNSELING:

Mentor mentee scheme is implemented right from the first year. Designated faculty provide counseling to the students in their personal, academic, career, financial, gender equality and psychological issues.

The Institution has appointed a qualified and professional counselor to deal with the students personal, social, psychological, emotional problems and difficulties, if any.

## 3. COMMON ROOM:

Separate common rooms for boys and girls are available in the institution.

File Description	Documents
Annual gender sensitization action plan	<a href="https://www.mmit.edu.in/images/Bottom_data/gender-equaty-merged.pdf">https://www.mmit.edu.in/images/Bottom_data/gender-equaty-merged.pdf</a>
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	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/711-Measures-initiated-by-the-Institutio n-for-the-promotion-of-gender-equity-during-the-year.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/711-Measures-initiated-by-the-Institutio n-for-the-promotion-of-gender-equity-during-the-year.pdf</a>

**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	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

**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

### 1. Solid waste management:

A biogas plant is operative in the institute premises. Leftover food from canteen & mess, green vegetables residues and fruit peels are utilized for producing biogas.

### 2. Liquid waste management:

Sewage Treatment Plant (STP) is functional to recycle the waste water from toilet, wash-basin, water cooler, kitchen basin etc.

### 3. Biomedical waste management

The institution is running the courses in the Engineering domain. Thus, the production of Biomedical waste is negligible or almost nil. Due to covid, use of face masks has increased. The face masks are collected in a designated bin in a biodegradable plastic bag. It is then handed over to the Corporation for disposal.

### 4. E-waste management:

The e-waste such as CDs, cables, electric fitting material, unrepairable computers and spare parts, etc is collected periodically and given for disposal.

### 5. Waste recycling system

The other solid waste such as papers, files, stationary, packaging materials, etc are periodically disposed off by handing over to the certified agencies for scrap collection.

### 6. Hazardous chemicals and radioactive waste management

The use of chemicals is very limited in the institute. Chemical waste is diluted and then recycled. There are no radioactive materials used in the institute.



File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/C-713-Facilities_Degradable--Non-degradable-waste-docx.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/C-713-Facilities_Degradable--Non-degradable-waste-docx.pdf</a>
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**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
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:**

**A. Any 4 or All of the above**

- 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

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Any other relevant documents	No File Uploaded

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

**7.1.6.1 - The institutional environment and**

**A. Any 4 or all of the above**

**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**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

**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-reading software, mechanized equipment**

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

**A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
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 socioeconomic and other diversities (within 200 words).**

Activities are scheduled on all major days such as Yoga Day, Chhatrapati Shivaji Maharaj Jayanti, Dr. Babasaheb Ambedkar Jayanti, Reading Motivation Day (APJ Abdul Kalam Jayanti), Teachers Day, etc.

Marathi Bhasha Divas is celebrated by organizing various activities related to promotion of Marathi language such as book-reading events, poet recitation, literature review, etc.

The institute publishes an annual magazine "Pratibimb" where platform is provided to students for writing articles, poems in different languages. Also students can publish their drawings, art gallery, photography, etc.

The National Service Scheme (NSS) unit of the institute organizes a residential camp in an adapted village. Various social activities are organized such as street plays on gender equity, women empowerment, social issues, farmer suicide, etc.

On certain occasions such as natural disasters, the institute voluntarily contributed by providing financial help. The faculties and staff have contributed a one day salary in the event of natural calamity.

To protect environment and to preserve our ecosystem institute routinely organize activities like tree plantation. The activities such as fort cleaning were conducted by students to protect our cultural heritage. To pay back to the community the activities such as blood donation were organized by the NSS unit.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

To inculcate the constitutional obligations about values, rights, duties, and responsibilities of citizens, National Constitution Day is celebrated every year.

A two credit Compulsory course for all the First-Year students in All Faculties Democracy, Election and Governance is introduced by the affiliating university.

The course contains three modules including viz

1. Democracy- Foundation and Dimensions, Constitution of India, Evolution of Democracy- Different Models, Dimensions of Democracy- Social, Economic, and Political
2. Decentralization -Indian tradition of decentralization, History of panchayat Raj institution in the lost independence period, 73rd and 74th amendments, Challenges of caste, gender, class, democracy and ethnicity
3. Governance - Meaning and concepts, Government and governance, Inclusion and exclusion

The subjects of Code of Conduct, Humanity and Social Science are also included by the affiliating university in the curriculum of Second Year Engineering.

Students and faculties are encouraged to enroll for MOOCs courses such as Universal Human Values.

The students are encouraged to participate in various programs on culture, traditions, values, duties, and responsibilities. The institution has defined the code of conduct for faculties & students and is made available on the institution website.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The Institution has a prescribed code 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**

**A. All of the above**

**4. Annual awareness**

**programmes on Code of Conduct are organized**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

The institution celebrates national festivals and anniversaries of great Indian personalities to create awareness of national integration, patriotism and social responsibilities amongst students and staff. Republic Day and Independence Day are celebrated every year. Chief Guest, especially defence personnel is invited for flag-hoisting. "International Yoga day" following its inception in the United Nations General Assembly in 2014 on 21st June. The Institution also celebrates "Constitution Day" to commemorate the adoption of Constitution of India on 26th November.

Institute organizes various activities on the birth anniversaries of -

- Former President Dr. A.P.J. Abdul Kalam on 15th October (Reading Motivation Day)
- Mahatma Gandhi on 2nd October
- Dr. Babasaheb Ambedkar on 14th April
- Shivaji Maharaj Jayanti on 19th February
- Sir M Visvesvaraya on 15th September (Engineer's Day)
- Dr. Sarvepalli Radhakrishnan on 5th September (Teachers Day)
- Vishnu Vaman Shirwadkar (renowned Marathi Poet) on February 27 (Marathi Language Day)

The institute pays tribute to following personalities by organizing various social activities on their death anniversaries -

- Dr. Shankarrao Chavan on 26th February (Ex. Home Minister)

Govt. of India & Ex. Chief Minister of Maharashtra, Founder President Member of parent trust)

- Hon.Vilasrao Deshmukh on 14th August (Ex. Chief Minister of Maharashtra, Ex-President parent trust)

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
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.

### 1. Title of the Practice: Promoting Social Activities

2. Objectives of the Practice: Develop a sense of social and civic responsibility among students

### 3. The Context:

Students are motivated to understand community problems and finding practical solutions

### 4. The Practice:

NSS unit adopted a village "Vadhu Budruk". Students contribute to the village development. Apart from NSS, various other social activities are conducted.

### 5. Evidence of Success:

Activities carried out - Swacha Bharat Abhiyan, Digital Awareness, irrigation, tree Plantation, Street Plays, on Women Empowerment, Andhashradha Nirmulan, Medical Checkup Camp, etc.

Other social activities - Blood donation camps, Covid awareness, Mental Hygiene & Immunity Booster Workshop etc.

### 6. Problems Encountered and Resources required

Limitation to spare more time due to rigorous academic schedule

## Best Practice 2

Title Enriching teaching-learning activities using ICT

Objectives of the Practice:

To adopt ICT for teaching - learning, curricular and extracurricular activities

The Context:

ICT is adapted for all aspects in teaching-learning activities

The Practice:

ICT tools are utilized for online interactive lectures, recorded / live sessions for practical, Virtual Lab platform, online softwares development and demonstration, examination and assessment, project presentations, meetings, T&P activities

Evidence of Success:

The results of the students and placements of eligible students are improved

Problems Encountered and Resources Required

The availability of a good quality smartphone, laptop, desktop, good network and internet connectivity, broadband, is necessary at both ends of students and teachers.

File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 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

'Marathwada Mitra Mandal, Pune' is a trust established in the year 1957 with the motto "???? ????????" (Welfare of Masses). The watch words of the trust are Mass education, co-education and

dedication towards overall development of the students.

The institution was established in the year 2008. The institution has the vision "Techno-Social Excellence". Along with the necessary academic and technical knowledge in different disciplines, emphasis is given at nurturing graduates with a reasonable sense of social responsibility.

Most of the admitted students are from economically weak backgrounds and a significant number of open category students are from farmer's families (more than 60%). Amongst these, few students are not eligible for Government freeship and scholarship. Every year, because of weak financial conditions, several deserving students are on the verge of quitting their education. The trust and the Institution take the responsibility of continuing education of such needy students through financial assistance and provide them an opportunity to become a successful engineer.

Institution has supported 66 students and spent around Rs. 20,95,650/- till date.

The above provisions help to uplift the students and to improve the overall living standard of students and their families. As of now, 8 students graduated. 2 of them got jobs in companies like Cognizant, L&T Infotech etc. The careers of these students are recognized globally.

Enhancing technical excellence of students keeping a sense of social responsibility is the distinctiveness of an institution to fulfill the vision, priority and thrust of the institution.



## 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

Institution has the mechanism for well planned curriculum delivery and documentation. Institution follows the curriculum prescribed by the Savitribai Phule Pune University (SPPU).

Before commencement of every academic year, Academic planner of institution is prepared in accordance with academic calendar of university.

As per the institutional academic planner each department prepares detailed departmental academic calendar by incorporating term commencement, examination schedule, department and institution level activities, workshops, guest/expert lectures, industrial visits, display of defaulter list and end of the term etc.

Time tables are prepared according to theory and practical load allotted to faculty. After approval, timetables are also displayed on common notice board, website, Google Apps.

Faculty prepares teaching plan, lab plan and course file before start of semester considering teaching methodologies like classroom teaching, laboratory demonstration, project based learning, seminars, webinars, guest lectures, workshops.

Institute effectively conductsthe simulations of Experiments through Virtual Labs Under IIT, Bombay.

Industrial visits, industrial projects are organized to bridge the gap between curriculum and industry.

AMC conducts academic audit regularly to ensure the quality of academics.

Slow and advanced learners are identified are treated accordingly.The remedial classes are also conducted for the failed students to improve their results.

Institution has effectiveGuardian Faculty Member (GFM) system

to monitor students' attendance and overall progress. Students' academic progress is updated with Parents through Parent Teacher Meeting (PTM).

During Covid-19 pandemic, Institute has focused on Online Teaching and conducted ONLINE lectures, Online Tests for students.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://www.mmit.edu.in/index.php/igac/aqar/2-uncategorised/332-criterion-i-1-1-1">https://www.mmit.edu.in/index.php/igac/aqar/2-uncategorised/332-criterion-i-1-1-1</a>

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

At the start of Academic activities students are made aware about evaluation system. Continuous evaluation sheet is being shared with students on monthly basis.

The reforms adopted by the institution are as follows:

The institution conducts practice for online multiple choice questions examination on Google Classroom.

The institution conducts term-end examinations at the end of the semester.

These examinations are conducted to develop confidence among students to face university examinations

Students absent for the unit test and students with poor performance are advised to appear for a retest to improve their performance.

Term work evaluation is carried out based on term work assessment sheet. It includes student's attendance, assignments, unit test marks and completion of lab journals.

Seminar evaluation of students is carried out based on presentation skill, literature review of topic, understanding of topic, timely submission of report and regular interactions with guide.

The factors considered for evaluation of project are synopsis, understanding of project topic, design or synthesis, mathematical modeling, presentation, experimental results and project report. Students are also motivated to participate in various Project Competitions. Students are also advised to publish technical papers based on their Project work in Conferences.

File Description	Documents
Upload relevant supporting documents	<a href="#">View File</a>
Link for Additional information	<a href="https://www.mmit.edu.in/index.php/igac/aqar/2-uncategorised/333-criterion-i-1-1-2">https://www.mmit.edu.in/index.php/igac/aqar/2-uncategorised/333-criterion-i-1-1-2</a>

**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**

**A. All of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## **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**

**3**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 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)

10

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

### 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

49

#### 1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

49

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

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

**Gender Issues:** Institute always promote equal representation of girl students in committees like Student council, Cultural, NSS

and participation in Curricular and extracurricular activities. Different events conducted regularly such as workshops on Health and Psychology of Women, Celebration of International Women's Day, Health Checkup Camp.

**Environment and Sustainability:** The institution conducts Green Audit to improve the Environment Conditions. The institution has a biogas plant for utilization of waste food in the hostel mess. Sewage Treatment Plant (STP) of 40,000 liters capacity is set up in the institution to treat the waste water. Drip irrigation . Rain Water harvesting system are some measures for water conservation. The institution saves electricity by the use of solar system and LED lamps all over the campus.

**Tree Plantation:** Every year institute conducts tree plantation program and green zone in campus is always increasing.

**Human Values and professional Ethics :** NSS unit conducts extension activities in adopted village through residential camp at Wadhu (Bk). Institution conducts a Blood Donation, celebrates Constitution Day, Yoga Day, Youth Day, Teachers day, Engineers day, Republic day, Independence Day etc. to percolate values about nationalism and integrity. Institution frequently visits to Orphanage home near by institution for extending help.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	<a href="#">View File</a>

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

5

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<a href="#">View File</a>

### 1.3.3 - Number of students undertaking project work/field work/ internships

636

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

### 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	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View File</a>
Any additional information(Upload)	<a href="#">View File</a>

#### 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	<a href="#">View File</a>
URL for feedback report	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/141-Sample-Feedback-Student-Alumni-teacher-and-Alumni.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/141-Sample-Feedback-Student-Alumni-teacher-and-Alumni.pdf</a>

### 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

571

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

##### 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

109

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 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

### Identification of learning levels

Student's learning levels (slow learners and advanced learners) are identified on the basis of qualifying marks and the prerequisite test at the initial stage followed by evaluation based on their performance, examination results. Institution organizes orientation programme for newly admitted students.

### Measures for slow learners

- Basic training is given for use of mini-drafter and scientific calculators.
- Extra lectures, Remedial sessions, Mock oral and practical sessions, open book test are organized
- Online and offline practice tests, term-end theory examinations are planned
- Regular interaction with students is carried out through mentor-mentee meeting to discuss academic and personal issues of students.
- Recorded video lectures are shared

### Measures for Advanced Learner

- Institute organizes Project competition, Technical events
- Students are guided for Project Based Learning, Mini Projects.
- Participation in National level events such as BAJA , Go-Kart etc.
- Motivational lectures, soft skill, personality development, career counseling, group discussion, personal interviews and aptitude enhancement sessions
- Expert talks by resource persons from industries and academic institutions



- Encouragement for participation in workshops, paper publications, Internships and industrial sponsored projects
- GATE and GRE preparatory sessions .
- Central library has a collection of books and e-resource for competitive examinations
- Library of NPTEL videos

File Description	Documents
Link for additional Information	<a href="https://www.mmit.edu.in/images/IOAC/AQAC_22/221--Learning-levels-of-the-students.pdf">https://www.mmit.edu.in/images/IOAC/AQAC_22/221--Learning-levels-of-the-students.pdf</a>
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
900	47

File Description	Documents
Any additional information	<a href="#">View File</a>

### 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

For better understanding of subjects, institutions adopt and emphasize student's centric methods. The institution is using Google Suits and CMS (Course Management System) like Moodle for accessing learning resources. The necessary login IDs are provided to staff and students for accessing the learning resources.

#### Experiential learning

- Institution has fully equipped laboratories and workshop to conduct the practical sessions to validate theory and practical results
- Institution is Virtual Labs Nodal Center(VLNC) of IIT Bombay that provides various labs as a tool in

**experiential learning**

- Experiential learning is ensured through the Industrial Visit, Industry Sponsored Projects, and Internship, Workshops and Training programs

**Participative learning**

- Institution always encourage students to participate in curricular, co-curricular, sports and extra-curricular activities
- Institute conducts Project Competition Techno-Sci to provide a platform for students to showcase their technical ideas
- The NSS unit of the institution, in coordination with SPPU, organizes social awareness programmes to develop a sense of societal and civic responsibilities among the students

**Problem solving methodologies**

- Students has final year projects, mini projects and project based learning in curriculum which is absolutely based on the problem solving methodology
- Problem solving methodologies like Trial and Error, Breaking large task into small steps, Creating short goal, etc is a regular practice during the lab session

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://www.mmit.edu.in/images/IQAC/AQAC-22/231-Student-centric-methods.pdf">https://www.mmit.edu.in/images/IQAC/AQAC-22/231-Student-centric-methods.pdf</a>

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

The institution provides ICT-based tools which helps staff in administration and planning of teaching learning. Due to COVID-19 Pandemic, the Institution has completely switched on Online platform. Lectures are conducted on Google meets and recorded videos lectures are provided to the students through google classroom. Faculties share study material to students on Google apps in advance. This results in making sessions interactive and attentive for the effective teaching-learning process. Teachers use PPT, demonstration and discuss case studies to represent difficult concepts more effectively. Teachers use software such as Google Colab, MATLAB, Android Studio, Online C++ Compiler, etc for practical based learning / simulation / modeling to get better awareness about the applications of the subject. Institution has a set of smart classrooms. Smart classroom tools are attractive methods of teaching due to audio-visual senses. National Program on Technology Enhanced Learning (NPTEL) Video lectures are made available to students to understand the subject thoroughly. Teachers also make use of e-resources to deal with complex concepts. Virtual labs are used as a tool in experimental learning for simulation and optimization. Assessment and evaluation process is also carried out on google apps.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="https://www.mmit.edu.in/images/IOAC/AQAC_22/232-Teachers-use-ICT.pdf">https://www.mmit.edu.in/images/IOAC/AQAC_22/232-Teachers-use-ICT.pdf</a>

### 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

45

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

47

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

### 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

4

File Description	Documents
Any additional information	No File Uploaded
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)	<a href="#">View File</a>

### 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

310

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 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.

- The broad parameters for internal assessment are unit tests, assignments, project assessment and evaluation, term end examination, laboratory performance, etc. These parameters are conveyed to the students before the commencement of the teaching process. The schedule of the same is incorporated in the academic calendar.
- Various tools are used for assessment of above-mentioned parameters such as Google Classroom, oral / written / online examinations / presentations, etc.
- Continuous evaluation of students is made for each theory and practical course at the department level.
- After conducting tests / examinations, model answers and marking schemes are made available to students. Subject teachers give specific remarks on the answer sheet for awarding less marks, if any. The answer papers of the written examination are made available to students for viewing.
- The weightage is given to every activity and its record is maintained in a Google Sheet / excel which is available to students for viewing. Students can monitor their assessment online and in real time and the advantage of this process is maximum transparency.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://www.mmit.edu.in/images/IOAC/AQAC/22/251-Sample-TW-distribution-sheets final.pdf">https://www.mmit.edu.in/images/IOAC/AQAC/22/251-Sample-TW-distribution-sheets final.pdf</a>

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

The college has a well organized mechanism for Redressal of internal examination related grievances. The student can approach the Subject Teachers, College Examination Officer and Principal to redress the examination related grievance as per the requirement and jurisdiction of the grievance.

- After conducting any offline tests / examinations, model answers and marking schemes are made available to the students. The answer papers of the written examination are made available to students for viewing. Subject teachers give specific remarks on the answer sheet for awarding less marks, if any.
- If any student feels that the marks given to him in any paper are not as per the model answer, he or she can raise the grievance by meeting the subject teacher in-person. The students should raise grievances immediately after declaration of the result. If there is a change in score, it is corrected by the Subject teacher.
- After conducting any online tests / examinations, the result of the test along with correct options is available to the students. If a student has any grievance or query or needs further clarification, he / she can approach the subject teacher in-person and can discuss the result.
- Project/Seminar evaluation is conducted in front of the panel (group of faculties).
- The institute also has an internal examination committee and College Exam Officer to monitor all such grievances, if any.

File Description	Documents
Any additional information	<a href="#">View File</a>
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.

Keeping a focus on Outcome Based Education (OBE), the Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the individual teacher and are finalized at department level while the Program Outcomes (POs) are defined by NBA. As the institute is affiliated to SPPU, the COs states in the syllabus are referred to. Wherever necessary, they are modified by the subject teacher.

Faculties are encouraged to attend Workshop / Seminar / Webinar / FDPs related with framing and attainment of CO, PO & PSO. Whenever necessary, the faculties who have attended these programs, conduct a session for other faculties at the institute level.

The POs, PSOs and COs are discussed by the subject teacher during their regular classes at an appropriate interval. They are also communicated to the stakeholders in many ways - Institute Website, Laboratory Manuals / Journals, Display in Classrooms, Department and Laboratory Notice Boards, Faculty meetings and library. Graduate attributes are discussed with the freshly admitted students at the commencement of the programme.

Before the commencement of any new unit, topic, subject teacher discusses the Course Objectives and Course Outcomes with students. The various internal and external tools of assessment of COs, POS and PSOs are explained to students by the subject teacher.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	<a href="https://www.mmit.edu.in/index.php/mechanical-engineering/b-e-mechanical/sppu-course-objective">https://www.mmit.edu.in/index.php/mechanical-engineering/b-e-mechanical/sppu-course-objective</a>
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

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

Course outcome targets are set for individual subjects by referring to the subject result of previous examinations. The percentage of students achieving the average percentage of marks is analyzed for each subject and the CO attainment target is set accordingly. Subject teachers has flexibility in modifying the target level in discussion with HODs.

Student's assessment is carried out through one or more methods of direct and indirect assessment to evaluate the achievement of course outcomes (CO's).

Direct methods such as unit tests, internal assessment, assignments, university in-semester and end -semester examinations, Term work assessment/laboratory assignments/practicals, mini projects through PBL, etc. are used by subject teachers.

Indirect methods such as Course Exit Surveys, Alumni Feedback, Extracurricular Activities Feedback, Employer Survey, Parents Feedback, etcare used. The weightage given to the direct assessment includes internal assessment (at institute level) and external assessment (at university examination level). The appropriate weightage is assigned to all assessment levels.

From the CO-PO attainment matrix and analysis tools, CO-PO attainment for every subject is calculated and is summarized at one place. Based on the summary of PO attainment of all years of study of the same batch, observations / remedial / conclusions are drawn at department level and remedial action is taken wherever necessary.



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/262-COPO-Attsinment--Manual.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/262-COPO-Attsinment--Manual.pdf</a>

### 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

216

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/2631-Final-Annual-Acitivity-Report-2020-21.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/2631-Final-Annual-Acitivity-Report-2020-21.pdf</a>

### 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://www.mmit.edu.in/images/IQAC/AQAC\\_22/271-SSS-AY-2020-21.pdf](https://www.mmit.edu.in/images/IQAC/AQAC_22/271-SSS-AY-2020-21.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)

5.90

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

### 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

01

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	Nil

### 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

46

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	No File Uploaded

**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**

01

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

**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**

21

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

**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

**Sensitizing Students to Social Issues:** MMIT have organizes various activities beneficial for the community in the neighborhood and a special seven-day camp in an adopted village. Some of these initiatives include:

1. The National Service Scheme (NSS) Unit of our institution is conducting seven days Camp every year in collaboration with Grampanchayat and SPPU, Pune. During the camp, various activities are carried out like:

a. Swacha Bharat Abhiyan

**b. Digital Awareness Program****c. Pani-Aadva-Pani-Jirva Campaign****d. Tree Plantation Program****e. Street Play on Women Empowerment & Cashless Transaction****f. Andhashradha Nirmulan Program****g. Cultural Program for Villagers****h. Medical Checkup Camp****Impact on Students:**

'Welfare of Masses' is the motto of our parent body, Marathwada Mitra Mandal. Through the organization of social activities, cultural programs, awareness programs, and medical camps, students will have new opportunities to develop their skills and leadership abilities. These activities enable students to identify the real-life problems in rural areas. The students participate in village development in consultation with the local authority and complete the activity during the camp. With the help of these well-crafted activities, students become more aware of their role and future contributions as responsible corporate citizens.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**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**

01

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

**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**

9

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

**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**

379

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**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**

53

File Description	Documents
e-copies of linkage related Document	<a href="#">View File</a>
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

**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**

12

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

**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.

**Land Availability:**

The institution has spread over an area of 13.99 acres as against the minimum area requirement of 2.5 acre. playground of 6.7 acres .

#### Built-up Area:

As against the built-up area requirement of AICTE (7880.25 sq.mtr.), institution has sbuilt-up area of 18784.29 sq.mtr.

#### Classrooms and Tutorial Rooms:

Institution has 17 classrooms which are well equipped with ICT facilities to adopt appropriate teaching methodology.

#### Seminar Halls:

The fully equipped seminar halls are available to interact with large crowd or to conduct expert lectures, curricular, extra-curricular and other activities.

#### Laboratories:

Fully equipped 27 laboratories are available in the institution to conduct the practical and virtual lab .

#### Workshop:

The workshop of the institution is fully equipped with ample availability of machineries .

#### Computational Equipment and Facilities:

The computer to student ratio is 1:2 which provides almost exclusive use of computers. hostels, mess and canteen. The internet bandwidth of 51 Mbps provides adequate internet connectivity.

#### Library:

The Central Library of the institution is spread over 460 sq.mtr with two domains: conventional library anddigital library

#### Student Cooperative Store:

A dedicated student cooperative store is available in the institution that caters the need of stationery and photocopy facility.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

The institution has playground area of 6.7 acres for sports. Students are encouraged to participate in various sports, games and cultural activities at University, State and National level competitions.

#### Indoor Games and Outdoor Games:

The institution has a playground to play various sports like Cricket, Volleyball, Football, Kabaddi, Kho- kho etc. A separate indoor game area of 150 sq.mtr is provided for playing Chess, Table tennis, Carom, Badminton, etc. Annual sports week is conducted in the institution and the winners of these competitions are appreciated by giving certificates and trophies.

#### Gymnasium:

The institution has a well equipped gymnasium area of 100 sq.mtr. Equipments such as Peck Deck Machine, Chest press machine, Incline/Decline Bench, Gymnasium Bike, Dumbbells, Plate, Barbells, Weight Lifting Bars, Single Bar, Double Bar, Dip Stand, Dumbbell Plate Stand etc. are available in the Gymnasium. Students utilize these facilities to keep themselves physically fit.

#### Yoga Centre:

A yoga Center is available for the students where they can perform yoga activities.

#### Cultural Activities:

All cultural activities are carried out on the ground as well as at open amphitheatre having area 600 sq.mtr with good landscaping and ample seating capacity.



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

18

##### 4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

18

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 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)

0.21846

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

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

The institution has Integrated Library Management System software "System for Library Information Management" (SLIM - 21, version 2.9.12) which is fully automated with barcode technology. SLIM software is used to track the record of books issued or available in the library. The software is upgraded to the version 3.6.0 in September 2021. The modules of software as follows

- Acquisition: To create database of newly arrived books.
- Circulation: To issue/return/renew books to students & staff.
- Cataloging: To generate accession register and reports.
- Serial: To maintain and keep record of the serial (Printed Journals & Magazines).
- Web Opac: To access library resource from remote places.
- Online Public Access Catalogue (OPAC) tool: To explore library resources. Various search options available in OPAC are as follows

**General Search:** Users can search the library resources using Title, Author, Publication, Keywords and Classification number.

**Advanced Search:** The searching can be done with various combinations such as Title, Author, Publication, Keywords, Classification number.

**Accession Search:** Quick search of books can be done by using accession numbers. History of users and library resources

**Report Generation:** Integrated Library Management System software is one of the important tool to generate various reports viz. Journal Reports, Acquisition reports, Abstract reports, Stock reports etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	Nil

**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	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**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)**

**1.17**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**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**

**14**

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

**4.3 - IT Infrastructure**

## 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

IT Facilities Prior Existing Updated on Barcode Scanner for  
Library 02 02 15/10/2020 Wi-Fi Access Point 30 30 15/10/2020  
Lease Line 51Mbps 51Mbps 15/10/2020 CCTV 74 74 15/10/2020  
Network Updation

2 SonicWall

NSA 4600

2 SonicWall

NSA 4600

15/10/2020 IBM Server 2 2 15/10/2020 Internet switches 43 43  
15/10/2020 Graphics Card 20 20 15/10/2020 Firewall 02 02  
15/10/2020 Pc's Connected to LAN 431 487 15/10/2020 Printers 58  
58 15/10/2020 Network Updation

Class B

Class B

15/10/2020 LCD Projector 24 30 15/10/2020 Smart Board 03 03  
15/10/2020 Details of computing facilities: Item Quantity  
Desktop Computers 487 Servers 02 Laptops and notebooks 17 Laser  
Printer (B&W) 40 Dot Matrix Printer 12 Color Printers 03  
Plotter 01 All in one Printer 03 LCD Projectors 30 Scanners 05  
Finger Print Scanner 01 Barcode Scanner 02 Digital Copier 02  
Digital fast copier (for exam) 01

Details of Softwares:

IT Software Prior Existing Updated on

CATIA V6 PLM

20 Seats Renewed 20 Seats 15/10/2020

CATIA V5 PLM

20 Seats Renewed 20 Seats 15/10/2020

**Details of Perpetual Licenses Software:**

IT Software Details ANSYS 13.0 25 seats MATLAB 30 seats Master CAM 20 seats Automation Studio 01 Auto CAD 40 seats Quick Heal Antivirus 10 licenses

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**4.3.2 - Number of Computers**

487

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Student – computer ratio	<a href="#">View File</a>

**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	<a href="#">View File</a>

**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)**

25

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts.	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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.

The institution has functional committee of 'Maintenance, Housekeeping and Write-off' under Dean Administration for maintaining lab and support facilities.

#### Laboratories

Preventive maintenance of laboratory equipments, electrical & plumbing facilities, etc. is carried out to avoid premature failure of a facility or equipment, item, etc.

In case the facility or lab equipment is damaged or not working properly, the responsible staff conveys the same to the Maintenance Committee through the Head and accordingly Maintenance Committee initiates the action to resolve the problem.

Calibration of instruments is carried out as per standards and guidelines provided on it. Experimental setups and equipments are tested by faculty and lab assistant periodically.

#### Computers

Computer maintenance, Electrical repairs and other maintenance work are carried out in-house by lab assistants and in case if it is required, then maintenance work is outsourced.

#### Library

The process of stock verification is mandatory for library.

**Sports ground and facilities**

Sports ground maintenance include Leveling, Grass cutting, Line marking, Pitch renovation, Watering, Rolling, etc.

**Other maintenance**

Repair and maintenance of the central facilities like DG set, transformer, RO plant, heavy duty digital copier, elevator, bore well pumps, CCTV, fire fighting system and water coolers, etc are carried out periodically.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.mmit.edu.in/images/GovernanceActual/Maintainance-Policy.pdf">https://www.mmit.edu.in/images/GovernanceActual/Maintainance-Policy.pdf</a>

**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**

637

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

**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 benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year**

67

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefitted by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**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	<a href="https://www.mmit.edu.in/index.php/student-life/capacity-building-and-skill-development">https://www.mmit.edu.in/index.php/student-life/capacity-building-and-skill-development</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

213

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

213



File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student 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**

**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## **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**

**108**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**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**

06

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

**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**

3

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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.**

11

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
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)	<a href="#">View File</a>

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 )

As per the Maharashtra Universities Act, the Student Council is formed in the institution every year for the participation of students in academic and administrative committees. This council ensures the participation of students in all curricular and extracurricular activities. The academic topper students of each class are a member of this council. A committee consists of General Secretary, Sports Secretary, Ladies Representative, and Cultural Secretary. Applications are invited from the interested students and scrutinized on the basis of academic performance, capabilities and followed by personal interviews. The institutional committees are as follows.

**ANTI RAGGING COMMITTEE:** The student members of the anti-ragging committee help the fresher to improve their confidence through counseling.

**INTERNAL COMPLAINTS COMMITTEE:** To provide moral support to the students to raise their grievances.

**IQAC COMMITTEE:** Students are actively participated in IQAC Cell and give inputs according to need.

**COLLEGE DEVELOPMENT COMMITTEE:** Students are actively participated in College Development Committee and give strategic inputs for quality enhancement.

**SC/ST & OBC CELL:** To accumulate reports and information regarding the Government of India and UGC orders of SC/ST & OBC.

**HOSTEL, MESS, AND CANTEEN COMMITTEE:** The student members ensure and communicate the security and amenities & monitor the quality of food.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/index.php/key-committees">https://www.mmit.edu.in/index.php/key-committees</a>
Upload any additional information	<a href="#">View File</a>

### 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

7

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	No File Uploaded
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)	<a href="#">View File</a>

### 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

**Yes.** The institution has registered Alumni Association named as Alumni Association of Marathwada Mitra Mandal's Institute of Technology (AAMMIT) and is registered with Assistant Registrar of Society, Pune Region, Pune (Registration number: Maharashtra/189/2017/Pune) as per the Maharashtra Government rules.

**Nonfinancial Contribution of Alumni Association:**

**1. Establishing (MoU) between the institution and alumni**

**entrepreneurs****2. Suggestions and Support for Training and Placement Cell****3. To enhance the teaching-learning process through Expert/Guest Lectures****4. Interaction with students in the areas of career awareness and career planning****5. Participation in IQAC Cell to set the targets for the academic processes****6. Getting feedback from the alumni for improving the quality of education****7. Support in conduction of industrial visits to their organization****8. Giving inputs for syllabus revision as an advisory committee member.****9. Guidance to students for project work & latest technology.****10. Job-oriented training program under Value Added Courses.****Financial Contribution of Alumni Association:**

Alumni also contribute to the development of the institution by providing financial aid, donations in the form of Books, Industry training etc. which in turn are utilized for student development. AAMMIT has generated Corpus money Rs. 1,53,500/ in the academic year 2020-21 for the development of students.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/index.php/alumni/alumni-reunions">https://www.mmit.edu.in/index.php/alumni/alumni-reunions</a>
Upload any additional information	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year (INR in Lakhs)****D. 1 Lakhs - 3Lakhs**

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## 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 Marathwada Mitramandal Trust Pune was established with a motto of "Welfare of Masses".
- The Vision of the Institution is to strive for achieving "Techno-Social Excellence".
- The mission of the Institution is to:

- Enhance technology transfer
- Implement entrepreneurship
- Promote global competency
- Integrate innovative pedagogy
- Create excellent human resource

The vision and mission of the institute gets easily perceived and reflected through physical infrastructure, teaching learning methodologies, technical and social activities carried out.

- Core values of the institution viz. team work, adaptive research, lifelong learning, societal trust and value based ethics are together driving the Institution towards the achievement of its Vision and Mission.
- For effective implementation and monitoring of administration and academics, Deans frame the policies in consultation with Head of departments and the Principal. The Internal Quality Assurance Cell of the institution plays an active role in monitoring the quality pertaining to various activities.
- Student-centric social activities, build the awareness among students about societal responsibility.
- Institution carries its social responsibilities through measures such as providing fees concession and financial

support to economically weak students.

- The activities like organization of workshops, conferences, seminars, industry sponsored projects etc. are used for linking academics and industrial activities.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/images/IOAC/AQAC/22/611-Vision-Mission.pdf">https://www.mmit.edu.in/images/IOAC/AQAC/22/611-Vision-Mission.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

- The Institution has a functional committees for the implementation of all decisions and resolutions. Governing Body (GB) approves quality policies and provides necessary support for institutional improvement.
- The Principal, with the head of departments and faculties ensures the implementation of quality policies.

Practice 1:

#### Web Development & Updation

Under Dean Administration, "Web Development" committee is functional at the institute. The committee comprises of staff of the institute and lead by faculty member. This committee takes care about all the updations about institute website i.e. [www.mmit.edu.in](http://www.mmit.edu.in). The main functions of this committee includes- updation of important notices on website, provision of link for fees payment through website, provision of forms related to admission, updation of information related to latest developments about all stake-holders etc.

Practice 2:

#### University & Institute Examination

Under Dean Academics, "University & Institute Examination" committee is functional at the institute. The committee includes staff from each department and it is headed by a faculty. Following are the functions carried out by this committee- Conduction of university exams and internal exams,

prepare orders for examiners, exam billing process, distribute mark-sheets and certificates to students, store the question papers & answer-sheets in custody till further distribution to examiners etc.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/images/IOAC/AQAC/22/612-Decentralization--Participative-Mgmt.pdf">https://www.mmit.edu.in/images/IOAC/AQAC/22/612-Decentralization--Participative-Mgmt.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Institute has successfully implemented various activities of strategic plan for the improvement in following areas

**Objective 1: Implementation of E-Governance in Administration**

E-governance systems viz. Delnet, Slim, Online Fees portal, Online exam conduction, Google Classroom, Biometric attendance, CCTV monitoring of campus etc., are implemented.

**Objective 2: Improvement in Quality of Education**

i. Conduction of skill-based courses. E.g. Add-on course on SQL.

ii. Faculty trainings, FDP etc E.g. faculties participated in "Webinar on How to Publish Papers in High Ranking Journals"

iii. Participation in "NIRF 2021"

iv. Online certificate courses for students- NPTEL, Coursera etc.

**Objective 3: Encouraging Research and Development Activities**

i. Organization of international conferences, workshops. E.g. Workshop organized on Openfoam

ii. Revenue generation. E.g. Rs. 62103/- revenue was generated through conduction of online exams



iii. Provision of registration expenses for faculties. Amount of Rs. 25268/- was spent by institute

iv. Industry collaborations. E.g. Workshop on 'Machine Learning' was conducted in collaboration with industry experts.

v. Faculties undertaking sponsored research projects

#### Objective 4: Entrepreneurship

Organizing talks on entrepreneurship. E.g. A program on 'Entrepreneurship opportunities post covid-19' was organized

#### Objective 5: Collaboration with Industries and Research Centers

Dept collaboration with industries for projects, internships, industry visits etc.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/621-Strategic-Plan-Deployment.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/621-Strategic-Plan-Deployment.pdf</a>
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.

Governing Body of the institute meets at regular interval for discussing various issues. IQAC, college development committee and principal take authoritative decisions through decentralization and participative management.

#### I. Policies

Institute has defined its policies regarding Vision-Mission, quality, Strategic plan, Recruitment, Appraisal, Fund Mobilization etc. Each policy is available on institute website.

#### II. Administrative setup

Organizational structure of the institution is headed by the

Management. The Governing-Body is constituted as per the guidelines of competent authorities.

Academic and administrative departments are led by the Principal, Deans and HODs. Principal is the chairperson of IQAC. Functional committees are categorized under administration, academic, student-affairs and R&D.

### III. Appointment

Appointment of teaching staff is done considering Student-Teacher ratio / Cadre-ratio as per the norms laid down by AICTE/UGC/SPPU.

Appointment of technical/non-teaching staff is as per the requirement and recruitment policy guidelines

### IV. Service Rules for teaching and non-teaching staff

Services of employees are governed by the Maharashtra Universities Act, 1994, Statutes, Code of Conduct, Ordinances, rules and regulations laid down by Savitribai Phule Pune University, State Government, Marathwada Mitramandal Trust, time to time.

### V. Procedures

Institute follows predefined procedures for various activities.

E.g. Write off committee example is mentioned in the additional information.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/index.php/about-us/governance">https://www.mmit.edu.in/index.php/about-us/governance</a>
Link to Organogram of the Institution webpage	<a href="https://www.mmit.edu.in/index.php/about-us/organogram">https://www.mmit.edu.in/index.php/about-us/organogram</a>
Upload any additional information	<a href="#">View File</a>

<b>6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination</b>	<b>A. All of the above</b>
File Description	Documents
ERP (Enterprise Resource Planning)Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>
<b>6.3 - Faculty Empowerment Strategies</b>	
<b>6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff</b>	
<p><b>Following measures are taken by the Institution towards welfare of teaching and non-teaching staff:</b></p> <p><b>Loan facility:</b> Marathwada Mitramandal Employees Co-operative Society provides a loan up-to Rs. 5,50,000/- to eligible staff members with minimum documentation.</p> <p><b>Financial assistance in academic development of faculty</b></p> <p><b>Special leave for wedding of staff</b></p> <p><b>Official leave for doing Research</b></p> <p><b>Research freedom is given to everyone for research of industrial interest.</b></p> <p><b>Group Insurance Policy for all teaching and non-teaching staff.</b></p> <p><b>Bus facility to desired faculty.</b></p> <p><b>Staff quarters facility for staff is available in the campus.</b></p> <p><b>Salary Advance:</b> Advanced salary is provided in case of emergency need by any applicant faculty.</p>	

**Fixed leaves as per norms:** The Institution provides vacation leave in summer and winter apart from casual leaves. Casual leaves per annum are 15 days.

On duty leave for attending Seminars and Workshops.

Medical leaves of 10 days per year are given to eligible faculty and the same can be extended if required.

Maternity leaves of Six months are applicable to female staff.

Employee Provident Fund (EPF) available in the Institution.

RO Purified water facility

Precautionary measures at campus for safety of staff against Covid-19

Parent organization also takes care of teaching and non-teaching staff in emergency.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/631-Staff-Welfare.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/631-Staff-Welfare.pdf</a>
Upload any additional information	<a href="#">View File</a>

### **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**

**45**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**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	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

**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**

38

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

#### 6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

- **Performance Based Appraisal System for Teaching Staff:**

The institute has designed the performance-based appraisal system based on the guidelines of the All India Council for Technical Education (AICTE) 360 degree appraisal, Government of Maharashtra and Savitribai Phule Pune University.

Self-appraisal is carried out on the parameters that include -

- (A) Teaching - Learning Activities
- (B) Co-curricular activities and extra-curricular
- (C) R&D, and extracurricular activities

An appraisal committee (consisting of senior staff from all departments) verifies the self-appraisal. HOD and Principal carries out a personal interaction with staff and reviews the performance appraisal.

- **Appraisal System for Non-Teaching Staff**

Appraisal of non-teaching staff is carried out on certain defined parameters including- Laboratory activities, Participation in department / institute level activities, work assigned and completed by staff, etc. Appraisal is carried out by HOD and Principal in a personal interaction with staff.

Suggestions for improvement and betterment are given and corrective actions are suggested to staff wherever necessary. This appraisal is one of the major factors for further appreciation, regular increments and promotion. Punitive action is recommended to the management as the case may be. Wherever necessary, the management interacts with staff for their problems, difficulties and suggests ways for improving their performance.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/images/About_Us/Policies/Revised-Appraisal-Policy.pdf">https://www.mmit.edu.in/images/About_Us/Policies/Revised-Appraisal-Policy.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 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

To ensure that, the allocated budget is properly utilized and to minimize any discrepancy; Institute conducts internal as well as external audit at regular intervals. A team of staff under qualified auditors do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year. Specific emphasis is given on accounting records of statutory compliances and payments such as TDS, GST and EPF. The last internal audit of the Institution was carried out by "Mundhe Shaha & Company" for the period of 01st April 2020 to 31st December 2020. The last external audit was conducted on 25 November 2020 by "Krishna Rawas & Associates". There were no major issues found and the budgeted and utilized quantities were found similar. In case of any objection/ discrepancy/ observation observed during the audit, the auditor prepares its report and it is submitted to the Institution. After receiving the report from the auditor, the Institution analyses the audit observations, risks/ impacts, recommendations / suggestions and accordingly a rectification / compliance report is submitted back to the auditors, for clarifications and settlement.

So far there have been no major findings / objections are pointed out during audits.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/images/IOAC/AQAC_22/641Financial-Audit.pdf">https://www.mmit.edu.in/images/IOAC/AQAC_22/641Financial-Audit.pdf</a>
Upload any additional information	No File Uploaded

#### 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)

156994

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

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

Institution has a mechanism to monitor effective use of funds, received from various sources viz., fees (major source of fund), scholarships, consultancies, conduction of competitive Examinations of State and Central Government, event sponsorships etc.

Planning: HoD invite faculties to propose their laboratory wise requirements along with supporting documents. The expenses required for the departmental activities such as organizing co-curricular and extra-curricular activities, are also included in the annual budget.

Budget Formulation: An annual budget of the department is prepared and forwarded by all the HODs to the Principal for his/her consent. Budget of all departments are reviewed by the Principal and the Administrative officer is asked to prepare consolidated budget of Institution and to forward it to



Management Committee for a final approval.

**Allocation:** The Management Coordination Committee reviews the proposed budget received and then allocates the budget as per the necessity of the proposed expenses.

**Expenses:** Funds are utilized for the development of laboratories, procurement of books, journals, staff salary, development and maintenance activities etc.

The Institute follows standard procedure for bill settlement and payments.

**Audit:** Internal and external audits are carried out by Chartered Accountant at regular intervals to ensure proper utilization of funds as per their allocation.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/images/GovernanceActual/Funds-Mobilization-Policy.pdf">https://www.mmit.edu.in/images/GovernanceActual/Funds-Mobilization-Policy.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 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 strives to achieve overall development of all stakeholders with special emphasis on students.**

**Quality Assurance Strategies and Processes:**

**A. Formation of a mechanism for ensuring timely, efficient and periodic progressive performance of academic, administrative, research and extension activities**

**IQAC reviews Teaching-Learning process, research, academic and administrative activities monitored, modified and reviewed under IQAC including:**

**Syllabus completion, Students progression and placement record, Organizing Seminars, guest lectures, workshops, conferences and FDPs, Faculty imparting innovations in teaching methodology etc. The IQAC coordinator presents the academic and**

administrative audit report to the IQAC committee members and necessary corrective actions are proposed.

#### B. Promotion of Research Culture

For promoting research culture, IQAC encourages faculties and students to organize and participate in conferences, sponsored projects, national workshops etc.

As a case study of IQAC contribution, following example is elaborated.

The IQAC suggested organizing, international level conference for quality sustenance. An International Virtual conference on Emerging Trends in Engg and Management Sciences 2021 was organized between 23rd to 24th July, 2021. The conference was an activity conducted under MoU signed between Marathwada Mitramandal (MM) Trust and Institute for Engineering Research and Publication (IFERP). The conference received more than 350 papers and registered 175 papers from worldwide.

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/651AAA-Report_IQAC-Contribution.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/651AAA-Report_IQAC-Contribution.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Review of Teaching-Learning processes is carried on the basis of Academic and Administrative Audit and Student Feedback.

A. Academic and Administrative Audit and its review are based on following some of the parameters:

Teaching strategies, Innovations in teaching methodologies, Co-curricular activities, Research activities etc.

Departmental coordinator and functional committee members submit an audit report to respective HoD and Dean Academics for review and necessary improvements.

**B. Student Feedback as a tool of review:**

Students' feedback is taken online based on parameters such as Use of ICT tools, Content delivery etc.

Teaching-Learning reforms facilitated by IQAC based on Academic and Administrative Audit and Student Feedback

**1. Innovative Teaching-Learning Activities**

- Questioning technique, Classroom demonstrations, Use of software like MATLAB etc., Presentations by students

**2. IT Enabled Teaching-Learning**

- Maximum use of ICT-based tools, Use of e-resources, Virtual labs

**3. Creative Teaching-Learning Activities**

- Use of models, Mini tasks and project, Development of laboratory equipment and software

**4. Open Teaching-Learning**

- Students' involvement in experiential learning, Extra lectures and expert lectures, Organization of workshops

**5. Facilities and Faculty Training for Effective Teaching-Learning**

- Use of ICT tools, Encouragement to teachers for attending "Student Centric Teaching-Learning" workshops, Registration for online certification courses

File Description	Documents
Paste link for additional information	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/652-AAA-Report_IQAC-Review.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/652-AAA-Report_IQAC-Review.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of**

**B. Any 3 of the above**

**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)**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/6.5.3_Annual-Reports--IQAC-Meet.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/6.5.3_Annual-Reports--IQAC-Meet.pdf</a>
Upload e-copies of the accreditations and certifications	<b>No File Uploaded</b>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## **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

**Institute provides equal opportunity to male & female staff and students in all the activities.**

#### **1. SAFETY AND SECURITY:**

- Prominent places in the institute are monitored by CCTV cameras.**
- The institute provides 24 hours security including women's security guards to women's hostels. A separate ladies rector is appointed for the ladies hostel.**
- The institute has constituted the necessary statutory and functional committees. The information is displayed at prominent places.**
- Under the Women's Grievance Committee, several activities**

such as Health and Psychology workshop, Menstrual Health and Hygiene, Art of Living Sessions, Mental Hygiene & Immunity Booster workshop, etc are conducted.

- Anti ragging Committee and Anti ragging squad ensures ragging free campus.
- Suggestion boxes are kept at prominent places.
- During educational tours, industry visits, NSS campus, lady faculty accompany the girls students.

## 2. COUNSELING:

Mentor mentee scheme is implemented right from the first year. Designated faculty provide counseling to the students in their personal, academic, career, financial, gender equality and psychological issues.

The Institution has appointed a qualified and professional counselor to deal with the students personal, social, psychological, emotional problems and difficulties, if any.

## 3. COMMON ROOM:

Separate common rooms for boys and girls are available in the institution.

File Description	Documents
Annual gender sensitization action plan	<a href="https://www.mmit.edu.in/images/Bottom_data/gender-equaty-merged.pdf">https://www.mmit.edu.in/images/Bottom_data/gender-equaty-merged.pdf</a>
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	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/711-Measures-initiated-by-the-Institution-for-the-promotion-of-gender-equity-during-the-year.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/711-Measures-initiated-by-the-Institution-for-the-promotion-of-gender-equity-during-the-year.pdf</a>

**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**

**B. Any 3 of the above**

Use of LED bulbs/ power efficient equipment	
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File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
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 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

#### 1. Solid waste management:

A biogas plant is operative in the institute premises. Leftover food from canteen & mess, green vegetables residues and fruit peels are utilized for producing biogas.

#### 2. Liquid waste management:

Sewage Treatment Plant (STP) is functional to recycle the waste water from toilet, wash-basin, water cooler, kitchen basin etc.

#### 3. Biomedical waste management

The institution is running the courses in the Engineering domain. Thus, the production of Biomedical waste is negligible or almost nil. Due to covid, use of face masks has increased. The face masks are collected in a designated bin in a biodegradable plastic bag. It is then handed over to the Corporation for disposal.

#### 4. E-waste management:

The e-waste such as CDs, cables, electric fitting material, unrepairable computers and spare parts, etc is collected periodically and given for disposal.

#### 5. Waste recycling system

The other solid waste such as papers, files, stationary, packaging materials, etc are periodically disposed off by handing over to the certified agencies for scrap collection.

#### 6. Hazardous chemicals and radioactive waste management

The use of chemicals is very limited in the institute. Chemical waste is diluted and then recycled. There are no radioactive materials used in the institute.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="https://www.mmit.edu.in/images/IQAC/AQAC_22/C-713-Facilities_Degradable--Non-degradable-waste-docx.pdf">https://www.mmit.edu.in/images/IQAC/AQAC_22/C-713-Facilities_Degradable--Non-degradable-waste-docx.pdf</a>
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	<a href="#">View File</a>
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:**

A. Any 4 or All of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Any other relevant documents	No File Uploaded

#### 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	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

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

A. Any 4 or all of the above



File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
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 socioeconomic and other diversities (within 200 words).

Activities are scheduled on all major days such as Yoga Day, Chhatrapati Shivaji Maharaj Jayanti, Dr.Babasaheb Ambedkar Jayanti, Reading Motivation Day (APJ Abdul Kalam Jayanti), Teachers Day, etc.

Marathi Bhasha Divas is celebrated by organizing various activities related to promotion of Marathi language such as book-reading events, poet recitation, literature review, etc.

The institute publishes an annual magazine "Pratibimb" where platform is provided to students for writing articles, poems in different languages. Also students can publish their drawings, art gallery, photography, etc.

The National Service Scheme (NSS) unit of the institute organizes a residential camp in an adapted village. Various social activities are organized such as street plays on gender equity, women empowerment, social issues, farmer suicide, etc.

On certain occasions such as natural disasters, the institute voluntarily contributed by providing financial help. The faculties and staff have contributed a one day salary in the event of natural calamity.

To protect environment and to preserve our ecosystem institute routinely organize activities like tree plantation. The activities such as forest cleaning were conducted by students to protect our cultural heritage. To pay back to the community the activities such as blood donation were organized by the NSS

unit.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

To inculcate the constitutional obligations about values, rights, duties, and responsibilities of citizens, National Constitution Day is celebrated every year.

A two credit Compulsory course for all the First-Year students in All Faculties Democracy, Election and Governance is introduced by the affiliating university.

The course contains three modules including viz

1. Democracy- Foundation and Dimensions, Constitution of India, Evolution of Democracy- Different Models, Dimensions of Democracy- Social, Economic, and Political
2. Decentralization -Indian tradition of decentralization, History of panchayat Raj institution in the lost independence period, 73rd and 74th amendments, Challenges of caste, gender, class, democracy and ethnicity
3. Governance - Meaning and concepts, Government and governance, Inclusion and exclusion

The subjects of Code of Conduct, Humanity and Social Science are also included by the affiliating university in the curriculum of Second Year Engineering.

Students and faculties are encouraged to enroll for MOOCs courses such as Universal Human Values.

The students are encouraged to participate in various programs on culture, traditions, values, duties, and responsibilities. The institution has defined the code of conduct for faculties & students and is made available on the institution website.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The Institution has a prescribed code 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**

A. All of the above

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

The institution celebrates national festivals and anniversaries of great Indian personalities to create awareness of national integration, patriotism and social responsibilities amongst students and staff. Republic Day and Independence Day are celebrated every year. Chief Guest, especially defence personnel is invited for flag-hoisting. "International Yoga day" following its inception in the United Nations General Assembly in 2014 on 21st June. The Institution also celebrates: "Constitution Day" to commemorate the adoption of Constitution of India on 26th

November.

Institute organizes various activities on the birth anniversaries of -

- Former President Dr. A.P.J.Abdul Kalam on 15th October (Reading Motivation Day)
- Mahatma Gandhi on 2nd October
- Dr. Babasaheb Ambedkar on 14th April
- Shivaji Maharaj Jayanti on 19th February
- Sir M Visvesvaraya on 15th September (Engineer's Day)
- Dr. Sarvepalli Radhakrishnan on 5th September (Teachers Day)
- Vishnu Vaman Shirwadkar (renowned Marathi Poet) on February 27 (Marathi Language Day)

The institute pays tribute to following personalities by organizing various social activities on their death anniversaries -

- Dr.Shankarrao Chavan on 26th February (Ex.Home Minister Govt. of India & Ex. Chief Minister of Maharashtra, Founder President Member of parent trust)
- Hon.Vilasrao Deshmukh on 14th August (Ex. Chief Minister of Maharashtra, Ex-President parent trust)

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
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.

**1. Title of the Practice: Promoting Social Activities**

**2. Objectives of the Practice: Develop a sense of social and civic responsibility among students**

### 3. The Context:

Students are motivated to understand community problems and finding practical solutions

### 4. The Practice:

NSS unit adopted a village "Vadhu Budruk". Students contribute to the village development. Apart from NSS, various other social activities are conducted.

### 5. Evidence of Success:

Activities carried out - Swacha Bharat Abhiyan, Digital Awareness, irrigation, tree Plantation, Street Plays, on Women Empowerment, Andhashradha Nirmulan, Medical Checkup Camp, etc.

Other social activities - Blood donation camps, Covid awareness, Mental Hygiene & Immunity Booster Workshop etc.

### 6. Problems Encountered and Resources required

Limitation to spare more time due to rigorous academic schedule

### Best Practice 2

Title Enriching teaching-learning activities using ICT

#### Objectives of the Practice:

To adopt ICT for teaching - learning, curricular and extracurricular activities

#### The Context:

ICT is adapted for all aspects in teaching-learning activities

#### The Practice:

ICT tools are utilized for online interactive lectures, recorded / live sessions for practical, Virtual Lab platform, online softwares development and demonstration, examination and assessment, project presentations, meetings, T&P activities

#### Evidence of Success:

The results of the students and placements of eligible students are improved

#### Problems Encountered and Resources Required

The availability of a good quality smartphone, laptop, desktop, good network and internet connectivity, broadband, is necessary at both ends of students and teachers.

File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 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

'Marathwada Mitra Mandal, Pune' is a trust established in the year 1957 with the motto "???? ????????" (Welfare of Masses). The watch words of the trust are Mass education, co-education and dedication towards overall development of the students.

The institution was established in the year 2008. The institution has the vision "Techno-Social Excellence". Along with the necessary academic and technical knowledge in different disciplines, emphasis is given at nurturing graduates with a reasonable sense of social responsibility.

Most of the admitted students are from economically weak backgrounds and a significant number of open category students are from farmer's families (more than 60%). Amongst these, few students are not eligible for Government freeship and scholarship. Every year, because of weak financial conditions, several deserving students are on the verge of quitting their education. The trust and the Institution take the responsibility of continuing education of such needy students through financial assistance and provide them an opportunity to become a successful engineer.

Institution has supported 66 students and spent around Rs. 20,95,650/- till date.

The above provisions help to uplift the students and to improve

the overall living standard of students and their families. As of now, 8 students graduated. 2 of them got jobs in companies like Cognizant, L&T Infotech etc. The careers of these students are recognized globally.

Enhancing technical excellence of students keeping a sense of social responsibility is the distinctiveness of an institution to fulfill the vision, priority and thrust of the institution.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

1. Developing infrastructure, equipment for new branches Civil, Mechatronics and AI&DS Engineering - Purchase of high end PCs, new equipments, books, etc
2. Overall infrastructure development - Designing modular lab furniture for AI&DS, flood lights on the ground and in campus, painting of hostel and college building, development of ground, purchase of sports material, etc.
3. Enhancing Training and Placement activities - Organizing on-Campus Placement Drive, encouraging remote internship, Conduction of Campus to Corporate Training Program, etc.
4. Appointment of senior faculties with Ph.D.
5. Organizing at least one Faculty Development Programs per department
6. Organizing state level Project Competition and Technical Event "Techno-Sci 2K22"