# Yearly Status Report - 2019-2020

| 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 own campus | **Yes** |
| Phone no/Alternate Phone no. | **+919850359802** |
| Mobile no. | **9049008003** |
| Registered Email | **principal@mmit.edu.in** |
| Alternate Email | **adminofficer@mmit.edu.in** |
| Address | **Survey No. 35, Plot No. 5/6, Vadgaon Shinde Road, Lohgaon, Pune - 411047** |
| City/Town | **Pune** |
| State/UT | **Maharashtra** |
| Pincode | **411047** |

## 2. Institutional Status

| | |
|---|---|
| Affiliated / Constituent | **Affiliated** |
| Type of Institution | **Co-education** |
| Location | **Urban** |
| Financial Status | **Self financed** |
| Name of the IQAC co-ordinator/Director | **Dr. Anjali Joshi** |
| Phone no/Alternate Phone no. | **+919850826636** |
| Mobile no. | **8149061861** |
| Registered Email | **principal@mmit.edu.in** |
| Alternate Email | **iqac@mmit.edu.in** |

## 3. Website Address

| | |
|---|---|
| Web-link of the AQAR: (Previous Academic Year) | https://www.mmit.edu.in/images/IQAC/AQAR/AQAR-AY-2018-19.pdf |

| | |
|---|---|
| **4. Whether Academic Calendar prepared during the year** | **Yes** |
| if yes,whether it is uploaded in the institutional website: Weblink : | https://www.mmit.edu.in/index.php/academics/academic-planner |

## 5. Accrediation Details

| Cycle | Grade | CGPA | Year of Accrediation | Validity | |
|---|---|---|---|---|---|
| | | | | Period From | Period To |
| **1** | **A** | **3.03** | **2018** | **16-Aug-2018** | **15-Aug-2023** |

| | |
|---|---|
| **6. Date of Establishment of IQAC** | **18-Feb-2016** |

## 7. Internal Quality Assurance System

| Quality initiatives by IQAC during the year for promoting quality culture | | |
|---|---|---|
| Item /Title of the quality initiative by IQAC | Date & Duration | Number of participants/ beneficiaries |
| **Conduction of Academic** | **19-Aug-2020** | **45** |

| | | |
|---|---|---|
| and Administrative Audit | 1 | |
| Organized of IQAC Meeting (Eighth) | 05-Dec-2019 1 | 20 |
| Organised of IQAC Meeting (Ninth) | 09-Jul-2020 1 | 20 |
| Conduction of Internal Academic Audit | 19-Aug-2020 1 | 45 |
| Additional efforts for Institutional Branding and Campaining | 01-Aug-2019 1 | 150 |
| Initiating the activities under Marathwada Mitra Mandal Center for Invention, Innovation and Incubation (MMCIII) by Marathwada Mitra Mandal Trust for its group of institutions including MMIT | 26-Aug-2019 1 | 27 |
| Introduction of new course of Civil Engineering from AY 2019-20 | 01-Aug-2019 1 | 17 |
| RECOMMENDATION for new course of Mechatronics from AY 2020-21 | 05-Dec-2019 1 | 30 |
| Initiative for promoting teaching-learning through online mode | 13-Jul-2019 1 | 719 |
| Three research projects under the BCUD scheme are sanctioned worth Rs. 6 Lakh | 10-Oct-2019 730 | 3 |

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**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

| Institution/Department/Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|---|---|---|---|---|
| Computer Engineering: Subhash Gulabrao Rathod & Sanjay Anil Agrawal | Research Project Grant | BCUD, SPPU, Pune | 2019 730 | 200000 |
| Computer Engineering: | Research Project Grant | BCUD, SPPU, Pune | 2019 730 | 190000 |

| | | | | |
|---|---|---|---|---|
| Sneha Tejas Shinde, Subhash Gulabrao Rathod & Sanjay Anil Agrawal | | | | |
| Computer Engineering: Sonali Muley & Sneha Tejas Shinde | Research Project Grant | BCUD, SPPU, Pune | 2019 730 | 200000 |
| [View Uploaded File]() | | | | |

| | |
|---|---|
| **9. Whether composition of IQAC as per latest NAAC guidelines:** | **Yes** |
| Upload latest notification of formation of IQAC | [View Link]() |
| **10. Number of IQAC meetings held during the year :** | **2** |
| The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website | **Yes** |
| Upload the minutes of meeting and action taken report | [View Uploaded File]() |
| **11. Whether IQAC received funding from any of the funding agency to support its activities during the year?** | **No** |

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

1. Commencement of Civil Engineering branch from AY 2019 2020. 2. Commencement of activities under MMCIII through students and faculty participation. 3. Emphasize on maximum development of E content for online teaching learning process. 4. Two state level Quality Initiative Programs (QIP) were conducted in Mechanical and Computer Engineering Depts. 5. Promoting participation of faculties in workshops, webinars, STTP, MOOCS courses etc.

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**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

| Plan of Action | Achivements/Outcomes |
|---|---|
| Encourage Faculties to file and publish patents | Five Patents are filed and published by faculties |
| Emphasis on Collaborative activities for research, faculty exchange, student | 50 Collaborative activities for research, faculty exchange, student |

| | |
|---|---|
| exchange | exchange during 201920 |
| Strengthening the R&D activities | The Computer Engineering department has received the Research Grants from BCUD, Savitribai Phule Pune University, Pune of total research grants of Rs. 5.9 lakh. |
| Strengthening the Industry Institute Interaction | 68 linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities are made. 05 MoUs are in force and active. |
| Proposal for of Mechatronics Branch | For Mechatronics Branch, Extension of Approval (EoA) is received from AICTE, affiliation is obtained from the Savitribai Phule Pune University and the proposal is submitted to DTE, Maharashtra State for final approval. |
| Focus on improving teaching-learning skills by emphasis on participation of faculties in FDP / STTP/ Workshops, etc. | The faculties have participated in various Seminars/Conferences and Symposia during the year. Approximately: International level – 07, National level – 229, State level - 41 |
| Conduction of Academic and Administrative Audits (Internal and External) | The internal AAA conducted on 19.08.2019. However, due to Covid-19 and lockdown, the external AAA could not be conducted in June 2020. It was conducted in August 2020. |
| Preparing and submtting NAAC AQAR Report 201920. | The NAAC AQAR report is finalized in the month of October 2020. |
| Initiating the activities under Marathwada Mitra Mandal Center for Invention, Innovation and Incubation (MMCIII) by Marathwada Mitra Mandal Trust for its group of institutions including MMIT | 15 students and 12 faculties have undergone training at MMCIII in the AY 2019-20. |
| Maximizing EGovernance activities | The institution has adapted the practice of collection of information from staff through online mode. This activity was further strengthen during Covid19 situations. The institutional data is uploaded and shared by faculties online on ERP / Google Drive / Google Docs / Google Forms / Google Sheets, etc. |
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| 14. Whether AQAR was placed before statutory body ? | Yes |
|---|---|

| Name of Statutory Body | Meeting Date |
|---|---|
| CDC | 22-Feb-2021 |

| | |
|---|---|
| **15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?** | No |
| **16. Whether institutional data submitted to AISHE:** | Yes |
| Year of Submission | 2020 |
| Date of Submission | 01-Apr-2020 |
| **17. Does the Institution have Management Information System ?** | Yes |
| If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words) | The institute is adapting the practice of managing the information online through MIS / ERP as well as on Google Suite. (A) MIS / ERP System: The MIS system is obtained from Smart School MIS, Pune. The various modules that are there in the ERP are (1) Attendance Management System (2) Online Examination System (3) Syllabus Coverage Management (4) Learning Material Distribution System (5) Teacher Guardian Management (6) Student Information System (7) Faculty Information System (8) Work Compliance Management (9) Leave Management System. (B) Google Suite Google Suite and its applications i.e. Google Docs, Sheets are primarily used for collection of data. Google Drive is primarily used for storing and sharing of data and teaching material with the students. Google Meet is used for conducting the internal meetings and video lectures. (C) SLIM for Library SLIM software is used in the institute for library management issue/return, stock verification, accession register, etc. (D) Tally Tally is used for maintaining accounts related information. (E) Grievance Redress Mechanism For a possible womans grievance, the online redress mechanism is active through EduGrievance software. (F) Biometric Attendance System The biometric attendance system is in force. The attendance can be recorded by thumb impression and face recognition. |

Part B

# CRITERION I – CURRICULAR ASPECTS

## 1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Institution has the mechanism for well planned curriculum delivery and documentation. Institution has a structured academic plan, for effective curricular planning, implementation and documentation. Institution is affiliated to Savitribai Phule Pune University (SPPU) and follows the curriculum prescribed by the same university. The curriculum is designed by the faculty of all colleges under the guidance of Board of Studies of University. The institution follows documented process for effective curriculum delivery and implementation as: 1. Before commencement of every academic year, Academic planner of institution is prepared in accordance with academic calendar of university. 2. 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. 3. Choices are called from Faculty according their specialization and interest. To finalize the elective subjects, students' choice is taken into consideration. 4. Head of each department allocates the theory and laboratory courses to faculty members according to faculty choices, subjects taught, area of specialization and experience. 5. Departmental time table coordinator prepares time tables class-wise, classroom-wise, laboratory-wise and faculty-wise. These time tables are finalized by HoDs and college time table in-charge and approved by Principal, then circulated to faculty members and students. The timetables are also displayed on common notice board, website, Google Apps. 6. Theory and practical teaching plans, course files and lab manuals are prepared by the faculty members before start of semester. 7. The contents in the curriculum and beyond curriculum are delivered by faculties through classroom teaching, laboratory demonstration, project based learning, seminars, webinars, guest lectures, workshops, etc. 8. This institution is identified as Nodal Centre for Virtual Labs under IIT, Bombay. Every faculty conducts the simulations of Experiments involved in his/her course. 9. Industrial visits are organized to bridge the gap between curriculum and industry requirements. 10. The projects undertaken by the final year students help them to identify industry and social needs. A group of maximum 4 students is mentored by each faculty. 11. For a group of 15-20 students, one teacher is appointed as a Guardian Faculty Member (GFM) to monitor students' attendance and overall progress. 12. Parent Teacher Meeting (PTM) is arranged in each semester to communicate the performance of their ward and to interact with the parents for academic progress of students. 13. Academic Monitoring Committee (AMC) monitors the progress of theory and laboratory courses. AMC conducts academic audit regularly to ensure the quality of academics. 14. The slow and advance learners are identified based on their test performance and class room interactions. Extra efforts are taken by conducting additional classes. The remedial classes are also conducted for the failure students to improve their results. 15. Views of experts from industry, academia, parents and alumni on curriculum are taken for improving teaching learning process and academics. 16. During Covid-19 pandemic, Institute has focused on Online Teaching and conducted ONLINE lectures, Online Tests for students.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

| Certificate | Diploma Courses | Dates of Introduction | Duration | Focus on employ ability/entrepreneurship | Skill Development |
|---|---|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| Workshop on "Research Challenges in Design and Analysis of Mechanical System | Nil | 07/02/2020 | 2 | Employability and Entrepreneurship | Skill Development |
| Hands on Workshop on 3D Printing | Nil | 07/03/2020 | 1 | Employability and Entrepreneurship | Skill Development |
| Employability Skill under Connect with work | Nil | 19/09/2019 | 3 | Employability and Entrepreneurship | Skill Development |
| QIP Sponsored seminar on Cloud Computing and Upcoming Technologies | Nil | 30/01/2020 | 2 | Employability and Entrepreneurship | Skill Development |
| Microsoft Training | Nil | 09/02/2020 | 4 | Employability and Entrepreneurship | Skill Development |
| Certificate course in Product Design and Development | Nil | 26/08/2020 | 7 | Employability and Entrepreneurship | Skill Development |
| Certificate course inCCertificate course in Design Engineering | Nil | 27/08/2020 | 7 | Employability | Skill Development |
| Certificate course in Advance Automobile Engineering | Nil | 28/08/2020 | 7 | Employability | Skill Development |
| Certificate course in E -Vechicle | Nil | 29/08/2020 | 7 | Employability | Skill Development |
| Certificate course in Advance Manufacturing | Nil | 30/08/2020 | 7 | Employability | Skill Development |

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

| Programme/Course | Programme Specialization | Dates of Introduction |
|---|---|---|
| BE | FE (2019 Pat.) Revised | 15/06/2019 |
| BE | CIVIL Engineering | 15/06/2019 |
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### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

| Name of programmes adopting CBCS | Programme Specialization | Date of implementation of CBCS/Elective Course System |
|---|---|---|
| BE | Mechanical Engineering | 15/06/2019 |
| BE | Computer Engineering | 15/06/2019 |
| BE | Civil Engineering | 15/06/2019 |

### 1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

| | Certificate | Diploma Course |
|---|---|---|
| Number of Students | 525 | 0 |

## 1.3 – Curriculum Enrichment

### 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

| Value Added Courses | Date of Introduction | Number of Students Enrolled |
|---|---|---|
| Career Counselling Session (Expert lecture on Body in white Mr. Sachin Naik, Project manager, Innoac Technologies Ltd.) | 03/08/2019 | 42 |
| Guidance for competitive examinations (GATE 2020) | 19/09/2019 | 75 |
| Guidance session for AMVI Exam Preparation by Ravindra Gawade, RTO, PCMC | 25/01/2020 | 39 |
| Banking Exam Preparation by Shweta Patil | 25/01/2020 | 39 |
| Civil Services Exam Preparation by Rasikraj Jangale, Dyanprabhodhini, Pune | 04/02/2020 | 75 |
| Defense Exam Preparation by M. K. Shrivastava, Director, IBA, Pune | 11/02/2020 | 43 |
| CISF Exam Preparation by Parmeshwar Selukar, ACP, CISF, Govt of India | 18/02/2020 | 40 |

| | | |
|---|---|---|
| Career Opportunities through competative exam by Mr. Abhijit Shinde, Chanakya Mandal Pariwar | 04/03/2020 | 27 |
| Career Counselling Session (Expert lecture on Body in white Mr. Sachin Naik, Project manager, Innoac Technologies Ltd.) | 03/08/2019 | 42 |
| Financial Literacy for Engineers by Rasikraj Jangale | 04/02/2020 | 75 |
| [View Uploaded File](#) | | |

1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title | Programme Specialization | No. of students enrolled for Field Projects / Internships |
|---|---|---|
| BE | Mechanical Engineering | 66 |
| BE | Computer Engineering | 58 |
| [View Uploaded File](#) | | |

## 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

| Students | Yes |
|---|---|
| Teachers | Yes |
| Employers | Yes |
| Alumni | Yes |
| Parents | Yes |

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

| Feedback Obtained |
|---|
| Institution also has strong GFM mechanism. GFM mentors students for Academic as well as Non academic activities. GFM counsel students for all issues. Students also share feedback regarding Institutional Facilities and Curriculum. The feedback obtained in GFM Meeting is analyzed at Department and Institute Level. Corrective actions are initiated as per requirement. The institute also conducts meetings with the stakeholders every year through IQAC. Feedback is obtained from stakeholders for Institutional Facilities and Curriculum. As per the feedback received from various stakeholders regarding institutional facilities an internal review is conducted. Efforts for improvements are made wherever necessary and possible. For the academic year 2019-20 the parameters for student feedback on Institutional and Course are revised. The feedback is conducted ONLINE. Considering the opinions of Stakeholders during IQAC meeting, the introduction of new branch Civil Engineering has been proposed from Academic Year 2019 20. Opinions and suggestions about curriculum enrichment/amendment received through stakeholders. They are discussed with Board of Studies (BoS) members of Savitribai Phule Pune University at appropriate platform. Most of the faculties participate in syllabus revision implementation meetings. A few senior faculties also gives suggestions. In semester II of AY 2019-20, regular classroom and academics suffered due to |

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

| Name of the Programme | Programme Specialization | Number of seats available | Number of Application received | Students Enrolled |
|---|---|---|---|---|
| BE | Computer Engineering DSE | 25 | 26 | 25 |
| BE | Mechanical Engineering DSE | 115 | 75 | 68 |
| BE | Civil Engineering | 70 | 33 | 15 |
| BE | Computer Engineering | 140 | 147 | 113 |
| BE | Mechanical Engineering | 140 | 25 | 23 |

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### 2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

| Year | Number of students enrolled in the institution (UG) | Number of students enrolled in the institution (PG) | Number of fulltime teachers available in the institution teaching only UG courses | Number of fulltime teachers available in the institution teaching only PG courses | Number of teachers teaching both UG and PG courses |
|---|---|---|---|---|---|
| 2019 | 719 | 0 | 42 | 0 | 42 |

### 2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

| Number of Teachers on Roll | Number of teachers using ICT (LMS, e-Resources) | ICT Tools and resources available | Number of ICT enabled Classrooms | Numberof smart classrooms | E-resources and techniques used |
|---|---|---|---|---|---|
| 42 | 42 | 11 | 15 | 3 | 7 |

View File of ICT Tools and resources

View File of E-resources and techniques used

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The institution has the student mentoring system through the Guardian Faculty Member (GFM) scheme for the batch of 15 to 20 students. The GFM scheme closely monitor every student's academic, co-curricular and extra-curricular performance and keep the record in Student Performance Evaluation Report (GFM Booklet) as well as in Smart School MIS software. The GFM scheme also ensures that parents are regularly updated about their wards progress. Sometime the GFM scheme look after the student's personal issues, psychological issues, hostel related issues, college facility related issues and report to concern authority. The Institution has also appointed professional counsellors to address the personal, psychosocial and other problems of the students.

The institution also formed the various committees to solve the problems of the student. The GFM scheme provide the assistance to apply for the scholarship provided by government and non-government organizations for the student who are economically weaker. The Institution provides fee waiver facility to economically weaker students in order to support them to continue their education. The GFM scheme maintain the subject wise result of each student and if the there is a need of remedial coaching, it is reported to concern head of the department. The GFM scheme also keep the record of student's interest in placement, entrepreneur, competitive examination or higher studies and provide the assistance to them. The Corporate Relations Division Cell of the Institution assists the students by conducting trainings, seminars and workshops for their overall grooming thereby making them eligible for better placement opportunities.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|---|---|---|
| 719 | 42 | 1:17 |

## 2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

| No. of sanctioned positions | No. of filled positions | Vacant positions | Positions filled during the current year | No. of faculty with Ph.D |
|---|---|---|---|---|
| 42 | 42 | 0 | 9 | 5 |

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

| Year of Award | Name of full time teachers receiving awards from state level, national level, international level | Designation | Name of the award, fellowship, received from Government or recognized bodies |
|---|---|---|---|
| 2019 | Dr. U. P. Moharil | Associate Professor | Best Professor in Engineering Sciences Studies, 27th Business School Affair and Dewang Mehta National Education Awards (17 October 2019) |
| 2019 | Mr. N. B. Dhamane | Assistant Professor | Elite Certificate for scoring distincion in NPTEL exam in subject I C engine and Gas Turbine, recognized from IIT |
| 2019 | Mr. D. B. Satre | Assistant Professor | Elite Certificate of NPTEL, IIT, Madras |
| 2019 | Mrs. D. J. Bonde | Assistant Professor | Elite Certificate of NPTEL, IIT, Madras |
| 2019 | Mr. A. S. Bhanage | Assistant Professor | Work as Reviewer for Silicon Journal (Springer) |
| 2019 | Mr. A. S. Bhanage | Assistant Professor | Work as Reviewer for Measurement Journal (Elsevier) |

| 2019 | Mr. U. L. Tupe | Assistant Professor | Reviewer for IJRDT |
|-------|----------------|---------------------|---------------------|
| 2019 | Mr. G. L. Allampallewar | Assistant Professor | Special Appreciation for Actively Participating in Guinness World Record of Distribution of Saplings under Swachha Vaari Swasstha Vaari Nirmal Vaari Harit Vaari Organized by SPPU GUINNESS RECORDS |
| 2019 | Mr. R. P. Polas | Assistant Professor | Special Appreciation for Actively Participating in Guinness World Record of Distribution of Saplings under Swachha Vaari Swasstha Vaari Nirmal Vaari Harit Vaari Organized by SPPU GUINNESS RECORDS |
| 2019 | Mr. S. G. Rathod | Assistant Professor | Special Appreciation for Actively Participating in Guinness World Record of Distribution of Saplings under Swachha Vaari Swasstha Vaari Nirmal Vaari Harit Vaari Organized by SPPU GUINNESS RECORDS |
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**2.5 – Evaluation Process and Reforms**

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

| Programme Name | Programme Code | Semester/ year | Last date of the last semester-end/ year-end examination | Date of declaration of results of semester-end/ year- end examination |
|----------------|----------------|----------------|----------------------------------------------------------|-----------------------------------------------------------------------|
| BE | 620361210 | Year | 30/10/2020 | 11/11/2020 |
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## 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Being an affiliated institute, the reforms initiated by the University are adopted by the institute. Accordingly the new structure and curriculum are being introduced to be implemented from the academic year 2019-20 for First Year Engineering by the university and the process will continue for subsequent years for second, third and fourth year engineering. The reforms are as below - 1. Implementation of Choice Based Credit System. 2. The total number of credits required to earn for the completion of the programme is 170 credits in a minimum period of eight semesters. 3. Assessments in Choice based Credit System consists of A) In-semester examination B) End-semester examination C) Continuous assessment for various examination heads. Assessment and Evaluation is to be done as per guidelines provided by competent authority. 4. Induction programme for first year students is introduced to familiarize them to the new environment and encourage them to learn beyond classrooms. 5. For better learning experience, along with traditional classroom teaching and laboratory work based learning, project based learning has been introduced with an objective to motivate students to learn by working in groups (5 to 6 students per group) courteously to 4 solve a problem. 6. There will be mandatory non-credit courses per Semester viz- Environmental Studies Indian Constitution, Essence of Indian Traditional Knowledge, financial Management and courses introduced from time to time by university or apex bodies. Due to the above reforms initiated by the university, the process of Continuous Internal Evaluation (CIE) is revised by the institute. The continuous evaluation would be carried out by direct tools like Unit Tests and Term End examinations, Assignments, Mock Oral and Practical examinations, Online Examination and evaluation for Project Based Learning. The various indirect tools like MCQ, quiz, debate, survey, competitions, project/paper presentation, case studies, discussions, etc are also carried out. Due to Covid-19 scenario in the second semester of the academic year 2019-20, more focus is given on online teaching-learning. Faculties have prepared video lectures and conducted sessions for revision and difficulty solving. For evaluation purposes the various activities such as Unit Tests, Term End Examination, Virtual Lab Experiments, Submission of project based learning, seminar, project, Term Work, etc are conducted online.

## 2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Being affiliated to the University (SPPU) the institute adheres to the guidelines regarding academic calendar, conduct of examinations and other related academic activities. The dates of commencement and conclusion of the term are provided by the University. Accordingly, every semester the Academic Monitoring Committee of the institute under Dean Academics prepares an academic planner for the institution. After approval of the academic planner by the principal, the respective department prepares an academic calendar of the department. It includes a schedule for unit tests, term end exams, technical events, guest lectures, parents meet, curricular and extra co curricular activities of the department. Academic calendar of each department is displayed on the institution website and also circulated among the faculties and students. In concurrence with the academic calendar, in-semester and end-semester examinations are conducted. Accordingly, unit tests, practice tests and end-term examinations are also conducted. The subject teacher prepares a report of monthly attendance and continuous assessment and this is conveyed to students for further improvement. A periodic review of the progress of the syllabus is taken and extra hours are added in the time table to meet the academic deadlines. In the second term of Academic Year 2019-20, due to lock down, students and faculties were not able to report to the institute. In this scenario, all the teaching-learning activities are conducted online and efforts

are made to complete the activities as per the schedule to adhere to the academic calendar.

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.mmit.edu.in/index.php/mechanical-engineering/b-e-mechanical/sppu-course-objective

2.6.2 – Pass percentage of students

| Programme Code | Programme Name | Programme Specialization | Number of students appeared in the final year examination | Number of students passed in final year examination | Pass Percentage |
|---|---|---|---|---|---|
| 620361210 | BE | Mechanical Engineering | 128 | 126 | 98.43 |

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## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://drive.google.com/file/d/1FV_slZAwcdpFgm2H6A579VxfiQtgnTam/view?usp=sharing

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

| Nature of the Project | Duration | Name of the funding agency | Total grant sanctioned | Amount received during the year |
|---|---|---|---|---|
| Projects sponsored by the University | 1095 | SPPU BCUD | 200000 | 100000 |
| Projects sponsored by the University | 1095 | SPPU BCUD | 190000 | 95000 |
| Projects sponsored by the University | 1095 | SPPU BCUD | 200000 | 100000 |

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### 3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

| Title of workshop/seminar | Name of the Dept. | Date |
|---|---|---|
| "CODE-EVE 2k19" Technical Event | Computer Engineering | 28/09/2019 |
| Six Days Faculty Development Program on Cyber Security Under the scheme of A Ministry of | Computer Engineering | 09/12/2019 |

| | | |
|---|---|---|
| Human Resource Development Govt. of India Initiative Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) | | |
| One Day Seminar on Digital Marketing | Computer Engineering | 03/01/2020 |
| SPPU Sponsored Two days state level Seminar on "Cloud Computing and Upcoming Technologies" | Computer Engineering | 30/01/2020 |
| Webinar on Final Year Project Guidelines | Computer Engineering | 11/05/2020 |
| One Day Online Webinar on Recent Trends in Networking Telecom | Computer Engineering | 18/05/2020 |
| One Day Online Webinar on Project Based Learning | Computer Engineering | 20/05/2020 |
| Six Sigma Green Belt Certification program | Mechanical Engineering | 06/07/2020 |
| Three Days Faculty Development Program on Stress Management | Mechanical Engineering | 12/12/2019 |
| SPPU Sponsored Two Days State Level Workshop on "Research Challenges in Design and Analysis of Mechanical System | Mechanical Engineering | 07/02/2020 |
| One Day Workshop on 3D Printing | Mechanical Engineering | 07/03/2020 |
| One Day Seminar on 3D Printing Technology | Mechanical Engineering | 31/01/2020 |

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

| Title of the innovation | Name of Awardee | Awarding Agency | Date of award | Category |
|---|---|---|---|---|
| Reviewer for IJRDT | Mr.Umakant L.Tupe | International Journal For Research Development in Technology | 01/03/2019 | International |
| Member of Editorial Board | Dr. U. P. Moharil | International Journal of Advance Study and Research Work | 15/04/2019 | International |
| Reviewer for Measurement Journal (Elsevier) | Mr. Amol Bhanage | Measurement Journal (Elsevier) | 18/11/2019 | International |

| | | | | | |
|---|---|---|---|---|---|
| Reviewer for Silicon Journal (Springer) | Mr. Amol Bhanage | Silicon Journal (Springer) | 21/07/2019 | International |
| National award for Best Professor in Engineering Sciences studies | Dr. U. P. Moharil | Business school affaire Devang Mehta National Education Awards | 17/10/2019 | National |
| ATV Competition FMAE BAJA 2020-Best Maneuverability (Winner) | MMIT, Lohgaon Pune | Fraternity of Mechanical and Automotive Engineers (FMAE), Adrob Technology Solutions LLP | 26/02/2020 | National |
| ATV Competition FMAE BAJA 2020-Best Rock Climb (Winner) | MMIT, Lohgaon Pune | Fraternity of Mechanical and Automotive Engineers (FMAE), Adrob Technology Solutions LLP | 26/02/2020 | National |
| ATV Competition FMAE BAJA 2020-Best Acceleration (Winner) | MMIT, Lohgaon Pune | Fraternity of Mechanical and Automotive Engineers (FMAE), Adrob Technology Solutions LLP | 26/02/2020 | National |
| ATV Competition FMAE BAJA 2020-Best Suspension (Winner) | MMIT, Lohgaon Pune | Fraternity of Mechanical and Automotive Engineers (FMAE), Adrob Technology Solutions LLP | 26/02/2020 | National |
| ATV Competition FMAE BAJA 2020-Overall Championship | MMIT, Lohgaon Pune | Fraternity of Mechanical and Automotive Engineers (FMAE), Adrob Technology Solutions LLP | 26/02/2020 | National |
| [View Uploaded File](#) | | | | |

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

| Incubation Center | Name | Sponsored By | Name of the Start-up | Nature of Start-up | Date of Commencement |
|---|---|---|---|---|---|
| MMCIII | Center for Invention, Innovation and Incubation | Tata Technology Ltd., Marathwada Mitra | SHREEHARI THIMBAK | Manufacturing | 12/12/2019 |

| (CIII) | Mandal, Pune and Science and Technology Park, Pune | | | |
| --- | --- | --- | --- | --- |
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## 3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

| State | National | International |
| --- | --- | --- |
| **9000** | **4000** | **2000** |

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

| Name of the Department | Number of PhD's Awarded |
| --- | --- |
| **NA** | **0** |

3.3.3 – Research Publications in the Journals notified on UGC website during the year

| Type | Department | Number of Publication | Average Impact Factor (if any) |
| --- | --- | --- | --- |
| **International** | **Computer Engineering** | **10** | **3.61** |
| **International** | **Mechanical Engineering** | **2** | **2.15** |
| _View Uploaded File_ | | | |

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

| Department | Number of Publication |
| --- | --- |
| **Mechanical Engineering** | **3** |
| _View Uploaded File_ | |

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

| Title of the Paper | Name of Author | Title of journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citation |
| --- | --- | --- | --- | --- | --- | --- |
| **Internet Based Room Controller** | **P. V. Deshmukh** | **Studia Rosenthaliana (Journal for the Study of Research )** | **2020** | **0** | **MMIT Lohgaon, Pune** | **0** |
| **An Efficient Approach to Control the Over Speeding of Vehicles** | **S. A. Agrawal** | **Studia Rosenthaliana (Journal for the Study of Research )** | **2020** | **0** | **MMIT Lohgaon, Pune** | **0** |

| | | | | | | |
|---|---|---|---|---|---|---|
| Transaction Authentication Using Face Detection And Invisible Keyboard Sequence | S. S. Muley | GIS Science Journal | 2020 | 0 | MMIT Lohgaon, Pune | 0 |
| A Knowledge-based Recommendation system using Deep Learning | S. S. Muley | Studia Rosenthaliana (Journal for the Study of Research ) | 2020 | 0 | MMIT Lohgaon, Pune | 0 |
| Guester based mobile robot controller system | U.L.Tupe | Studia Rosenthaliana (Journal for the Study of Research ) | 2020 | 0 | MMIT Lohgaon, Pune | 0 |
| Computerized Adaptive Assessment | D. B. Satre | Journal of Emerging Technologies and Innovative Research | 2020 | 0 | MMIT Lohgaon, Pune | 0 |
| IOT Based Soldier E-JACKET using GPS | S. S. Chaudhari | Studia Rosenthaliana (Journal for the Study of Research ) | 2020 | 0 | MMIT Lohgaon, Pune | 0 |
| Blind Assistant | S. G. Rathod | Studia Rosenthaliana (Journal for the Study of Research) | 2020 | 0 | MMIT Lohgaon, Pune | 0 |
| Brain Tumor Detection And Segmentation | S. K. Patil | Studia Rosenthaliana (Journal for the Study of Research) | 2020 | 0 | MMIT Lohgaon, Pune | 0 |
| Factors affecting epidemic diseases | S. S. Chaudhari | Studia Rosenthaliana (Journal | 2020 | 0 | MMIT Lohgaon, Pune | 0 |

[View Uploaded File](#)

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

| Title of the Paper | Name of Author | Title of journal | Year of publication | h-index | Number of citations excluding self citation | Institutional affiliation as mentioned in the publication |
|---|---|---|---|---|---|---|
| Transaction Authentication Using Face Detection And Invisible Keyboard Sequence | S. S. Muley | GIS SCIENCE JOURNAL | 2020 | 1 | 0 | MMIT, Lohgaon Pune |
| Internet Based Room Controller | P.V.Deshmukh | Studia Rosenthaliana (Journal for the Study of Research ) | 2020 | 0 | 0 | MMIT, Lohgaon Pune |
| An Efficient Approach to Control the Over Speeding of Vehicles | S. A. Agrawal | Studia Rosenthaliana (Journal for the Study of Research ) | 2020 | 1 | 0 | MMIT, Lohgaon Pune |
| A Knowledge-based Recommendation system using Deep Learning | S. S. Muley | Studia Rosenthaliana (Journal for the Study of Research ) | 2020 | 1 | 0 | MMIT, Lohgaon Pune |
| Guester based mobile robot controller system | U.L.Tupe | Studia Rosenthaliana (Journal for the Study of Research ) | 2020 | 0 | 0 | MMIT, Lohgaon Pune |
| Computerized Adaptive Assessment | D. B. Satre | Journal of Emerging Technologies and Innovative Research | 2020 | 0 | 0 | MMIT, Lohgaon Pune |

| IOT Based Soldier E-JACKET using GPS | S. S. Chaudhari | Studia Rosenthaliana (Journal for the Study of Research ) | 2020 | 3 | 0 | MMIT, Lohgaon Pune |
|---|---|---|---|---|---|---|
| Blind Assistant | S. G. Rathod | Studia Rosenthaliana (Journal for the Study of Research) | 2020 | 2 | 0 | MMIT, Lohgaon Pune |
| Brain Tumor Detection And Segmentation | S. K. Patil | Studia Rosenthaliana (Journal for the Study of Research) | 2020 | 1 | 0 | MMIT, Lohgaon Pune |
| Factors affecting epidemic diseases spread and prediction of it | S. S. Chaudhari | Studia Rosenthaliana (Journal for the Study of Research ) | 2020 | 3 | 0 | MMIT, Lohgaon Pune |

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

| Number of Faculty | International | National | State | Local |
|---|---|---|---|---|
| Attended/Seminars/Workshops | 12 | 225 | 50 | 8 |
| Presented papers | 4 | 0 | 0 | 0 |

[View Uploaded File](#)

## 3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

| Title of the activities | Organising unit/agency/ collaborating agency | Number of teachers participated in such activities | Number of students participated in such activities |
|---|---|---|---|
| NSS Special Camp at Vadhu Budruk | NSS UNIT MMIT | 7 | 50 |
| NSS Day | NSS UNIT MMIT | 4 | 61 |
| Swachhta Hi Sewa : Give up Single Use Plastic | NSS UNIT MMIT | 4 | 9 |
| Fit India Movement | NSS UNIT MMIT | 4 | 60 |

| | | | |
|---|---|---|---|
| Visit Donation to Z. P. School Lohgaon | NSS UNIT MMIT | 4 | 42 |
| Blood Donation Camp | NSS UNIT MMIT | 4 | 65 |
| Road Safety Program | NSS UNIT MMIT | 4 | 40 |
| Pledge for Life: Tobacco free Youth | NSS UNIT MMIT | 2 | 37 |
| Guinness World Record Program at SPPU (Distribution of saplings) | NSS UNIT MMIT | 3 | 33 |
| International Yoga Day | NSS UNIT MMIT | 4 | 16 |
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

| Name of the activity | Award/Recognition | Awarding Bodies | Number of students Benefited |
|---|---|---|---|
| Blood Donation Camp | Merit Certificate | Sasson Regional Blood Bank Govt. of Maharashtra | 65 |
| Blood Donation Camp | Recognition in Newspaper | Maharashtra Times | 65 |
| Visit Donation to Z. P. School Lohgaon, Pune | Recognition in Newspaper | Maharashtra Times | 42 |
| NSS Special Camp at Vadhu Budruk | Recognition in Newspaper | Sakal Newpaper | 50 |
| Distribution of Neem Saplings | Guinness World Record certificate from SPPU | Guinness World Record | 30 |
| Youth festival 2019 | Winner of group song (western) divisional level competition | S. M. Joshi College, Hadapsar in Association with SPPU | 30 |
| Tobacco Free India : Message to Youth | Recognition | Appreciation Certificate from Sarpanch, Grampanchayat Vadhu Budruk | 50 |
| Swachhta Hi Sewa (Single Use Plastic) | Recognition | Appreciation Certificate from Sarpanch, Grampanchayat Vadhu Budruk | 50 |
| Swachha Bharat Abhiyan | Recognition | Appreciation Certificate from Sarpanch, | 50 |

| Digital India Awareness Programme | Recognition | Appreciation Certificate from Sarpanch, Grampanchayat Vadhu Budruk | 50 |
|---|---|---|---|
| | | Grampanchayat Vadhu Budruk | |

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|---|

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

| Name of the scheme | Organising unit/Agency/collaborating agency | Name of the activity | Number of teachers participated in such activites | Number of students participated in such activites |
|---|---|---|---|---|
| Tree Plantation Program | NSS UNIT MMIT | Tree plantation at Sharadchandra High School Vadhu Budruk in association with Grampanchayat Vadhu Budruk | 3 | 50 |
| Carrier Counselling Program | NSS UNIT MMIT | Carreer conselling program of 10th school of sharadchandra high School Vadhu Budruk in association with | 3 | 50 |
| Computer Skill Training | NSS UNIT MMIT | Computer Training of staff at Z. P. School Vadhu Budruk in association with Grampanchayat Vadhu Budruk | 3 | 50 |
| Tobacco Free India | NSS UNIT MMIT | Street Play on Tobacco Free India in association with Grampanchayat Vadhu Budruk | 3 | 50 |
| Guinness World Record of Distribution of Neem Saplings | SPPU | Guinness world record of distribution of neem saplings at savitribai phule pune university | 5 | 30 |

| | | | | |
|---|---|---|---|---|
| Blood Donation Camp in Association with Sasson Regional Blood Bank of Govt. of Maharashtra | NSS UNIT MMIT | Blood Donation Camp | 4 | 65 |
| Celebrating 150 Years of Mahatma | NSS UNIT MMIT | Poster Making on Mahatma Gandhi, Swachhta hi Sewa Mahatma Gandhi Jayanti | 4 | 61 |
| Celebrating 150 Years of Mahatma | NSS UNIT MMIT | Quiz on Mahatma Gandhi under Mahatma Gandhi Jayanti | 4 | 61 |
| [View File](#) | | | | |

## 3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

| Nature of activity | Participant | Source of financial support | Duration |
|---|---|---|---|
| Sponsored Industry Project | 3 | Forbes Marshall | 142 |
| Sponsored Industry Project | 5 | Arm Welders Pvt Ltd | 330 |
| Sponsored Industry Project | 5 | Perfect Robotics Pune | 330 |
| Sponsored Industry Project | 5 | Perfect Robotics Pune | 330 |
| Sponsored Industry Project | 5 | Perfect Robotics Pune | 330 |
| Sponsored Industry Project | 5 | DS Engineering And Robotics, Bhosari | 330 |
| Sponsored Industry Project | 5 | Perfect Robotics Pune | 330 |
| Sponsored Industry Project | 3 | Eclatsol Technologies Pvt. Ltd. | 330 |
| Sponsored Industry Project | 3 | Algorithmic Electronics | 330 |
| Sponsored Industry Project | 5 | V3 Data Solution | 330 |
| [View File](#) | | | |

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

| Nature of linkage | Title of the linkage | Name of the partnering institution/ | Duration From | Duration To | Participant |
|---|---|---|---|---|---|

| | | industry /research lab with contact details | | | |
|---|---|---|---|---|---|
| Project Work | Design and Development of Customized Mixer System of 3D Food Printer for mixing of ingredients as per recipe for Indian Snack Food Chakli | Perfect Robotics Pune | 01/07/2019 | 31/05/2020 | 5 |
| Project Work | Design and Development of Customized 3D Food Printer's Extruder System for Indian Snack Food Chakli | Perfect Robotics Pune | 01/07/2019 | 31/05/2020 | 5 |
| Project Work | Design and Development of Customized 3D Food Printer for Indian Snack Food Chakli | Perfect Robotics Pune | 01/07/2019 | 31/05/2020 | 5 |
| Project Work | Boiler Health Management System | Forbes Marshall | 11/12/2019 | 30/04/2020 | 2 |
| Sharing of research facilities | Industrial visit | Credit Systems India Nigdi, Pune | 03/08/2019 | 03/08/2019 | 21 |
| Sharing of research facilities | Industrial visit | Ajmera Tyres Pvt. Ltd. Kharadi, Pune | 20/09/2019 | 20/09/2019 | 88 |
| Sharing of research facilities | Industrial visit | TCS iON, Hadapsar, Pune | 21/09/2019 | 21/09/2019 | 32 |
| Sharing of research facilities | Industrial visit | Katraj Dairy, Katraj, Pune | 03/10/2019 | 03/10/2019 | 68 |

| Sharing of research facilities | Industrial visit | Precision automation and robotics india (PARI) Robotics Production, Shirwal, Khandala, Pune | 05/10/2019 | 05/10/2019 | 26 |
| Sharing of research facilities | Industrial visit | Rudra Motors, A TATA Service Center | 03/03/2020 | 03/03/2020 | 45 |

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

| Organisation | Date of MoU signed | Purpose/Activities | Number of students/teachers participated under MoUs |
| --- | --- | --- | --- |
| Lomte and Darade Infotech Pvt. Ltd | 18/09/2019 | Enrichriching technical education among students | 20 |
| Virago Enterprise | 23/09/2019 | Distribution of Joint Testing, Consultancy and Workshop | 10 |
| Zerton Engineering Services Pvt. Ltd | 04/12/2019 | Training and Placement activities | 60 |
| Brahmastra Training | 10/01/2020 | Training of Students in Machine Learning and AI | 5 |
| Disha Computer Institute | 20/02/2020 | Computer Training Course | 20 |
| Rubicon Skill Development | 26/08/2019 | Training of Students in Soft Skill | 20 |
| National Testing Agency | 06/03/2020 | Conduct workshops of IIT Bombay | 0 |
| Centre for Police Research | 09/03/2020 | Research, Education and Training Partnership and Collaboration | 3 |

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## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

**4.1 – Physical Facilities**

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

| Budget allocated for infrastructure augmentation | Budget utilized for infrastructure development |
| --- | --- |

| 11 | 8 |
| --- | --- |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities | Existing or Newly Added |
| --- | --- |
| Classrooms with LCD facilities | Newly Added |
| Class rooms | Newly Added |
| Campus Area | Existing |

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## 4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

| Name of the ILMS software | Nature of automation (fully or patially) | Version | Year of automation |
| --- | --- | --- | --- |
| SLIM-21 System for Library Information and Management | Fully | 3.7.0 | 2011 |

4.2.2 – Library Services

| Library Service Type | Existing | | Newly Added | | Total | |
| --- | --- | --- | --- | --- | --- | --- |
| Text Books | 4259 | 528356 | 8 | 3403 | 4267 | 531759 |
| Reference Books | 2582 | 861478 | 4 | 3988 | 2586 | 865466 |
| e-Books | 760 | 0 | 322 | 0 | 1082 | 0 |
| Journals | 0 | 0 | 0 | 0 | 0 | 0 |
| e-Journals | 5000 | 0 | 0 | 13570 | 5000 | 13570 |
| Digital Database | 0 | 0 | 0 | 0 | 0 | 0 |
| CD & Video | 5269 | 50000 | 0 | 0 | 5269 | 50000 |
| Library Automation | 1 | 126000 | 0 | 17700 | 1 | 143700 |
| Weeding (hard & soft) | 0 | 0 | 0 | 0 | 0 | 0 |

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives &amp; institutional (Learning Management System (LMS) etc

| Name of the Teacher | Name of the Module | Platform on which module is developed | Date of launching e-content |
| --- | --- | --- | --- |
| E.D.Kurhe | Boiling | Using Microsoft office Tools | 02/08/2019 |
| Y.P.Warke | Introduction to | DU Recorder | 17/10/2019 |

| | | | | |
|---|---|---|---|---|
| | Artificial Intelligence | | | |
| Dhananjay M Bhoge | Kinematics of Mechanisms and Machines | You Tube | 29/03/2020 | |
| Dhananjay M Bhoge | Kinematics | You Tube | 29/03/2020 | |
| Dhananjay M Bhoge | Gyroscope | You Tube | 29/03/2020 | |
| Dhananjay M Bhoge | Competitive Examinations | You Tube | 29/03/2020 | |

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## 4.3 – IT Infrastructure

### 4.3.1 – Technology Upgradation (overall)

| Type | Total Computers | Computer Lab | Internet | Browsing centers | Computer Centers | Office | Departments | Available Bandwidth (MBPS/ GBPS) | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 431 | 12 | 431 | 0 | 1 | 1 | 3 | 50 | 0 |
| Added | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Total | 431 | 12 | 431 | 0 | 1 | 1 | 4 | 50 | 0 |

### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

**50 MBPS/ GBPS**

### 4.3.3 – Facility for e-content

| Name of the e-content development facility | Provide the link of the videos and media centre and recording facility |
|---|---|
| Lecture Capturing System | https://goo.gl/oePz7w |
| Recording facility | https://drive.google.com/file/d/1XC7vfbaTVBFF_2x8gcgEdQd1jyBYim7k/view?usp=sharing |
| E content NPTEL | https://www.mmit.edu.in/index.php/campus/library/nptel-video-lectures |

## 4.4 – Maintenance of Campus Infrastructure

### 4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

| Assigned Budget on academic facilities | Expenditure incurred on maintenance of academic facilities | Assigned budget on physical facilities | Expenditure incurredon maintenance of physical facilites |
|---|---|---|---|
| 7 | 7 | 47 | 26 |

### 4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Weblink: https://www.mmit.edu.in/images/GovernanceActual/Maintainance-Policy.pdf The institution has functional committee of 'Maintenance, Housekeeping and Write-off' under Dean Administration for maintaining lab and

support facilities. The responsibilities of maintenance are assigned to all the members of the designated committee. Physical verification of dead stock is done every year to check availability and loss of equipments. The process of dead stock verification is carried out by Stock Verification Committee. LABORATORIES: Preventive maintenance of laboratory equipments, electrical plumbing facilities, etc. is carried out to avoid premature failure of a facility or equipment, item, etc. Apart from this, routine maintenance like cleaning, lubrication etc. is carried out to ensure proper functioning of laboratory equipments. It is ensured that all the laboratory equipments are functioning as per the standards before commencement of each semester. 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. If the situation demands, breakdown maintenance work is outsourced. Equipments which are beyond repair or have lost functional significance are write-off according to the policy. 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. Copies of old periodicals are bound together on yearly basis. Few identified old books are re-bound after inspection. Library integrated management software is upgraded through AMC. SPORTS GROUND 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. The garden of the institution is maintained by gardeners of external agencies on contract basis. The pH value and total hardness of drinking water is carried out periodically by authorized external agencies. Housekeeping staff carry out routine cleaning activities like sweeping, sanitizing inside the campus regularly.

https://www.mmit.edu.in/images/GovernanceActual/Maintainance-Policy.pdf

# CRITERION V – STUDENT SUPPORT AND PROGRESSION

**5.1 – Student Support**

5.1.1 – Scholarships and Financial Support

|  | Name/Title of the scheme | Number of students | Amount in Rupees |
|---|---|---|---|
| Financial Support from institution | MM Scholarship | 53 | 1597392 |
| Financial Support from Other Sources |  |  |  |
| a) National | Government of Maharashtra Scholarships | 668 | 24944244 |
| b)International | 0 | 0 | 0 |
| [View File]() | | | |

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

| Name of the capability enhancement scheme | Date of implemetation | Number of students enrolled | Agencies involved |
|---|---|---|---|

| Guidance for competitive examinations | 18/02/2020 | 40 | CISF Exam Preparation by Parmeshwar Selukar, ACP, CISF, Govt of India |
|---|---|---|---|
| Guidance for competitive examinations | 11/02/2020 | 43 | Defense Exam Preparation by M. K. Shrivastava, Director, IBA, Pune |
| Guidance for competitive examinations | 04/02/2020 | 22 | Civil Services Exam Preparation by Rasikraj Jangale, Dyanprabhodhini, Pune |
| Guidance for competitive examinations | 25/01/2020 | 39 | Banking Exam Preparation by Shweta Patil |
| Guidance for competitive examinations | 25/01/2020 | 39 | AMVI Exam Preparation by Ravindra Gawade, RTO, PCMC |
| Guidance for competitive examinations | 19/09/2019 | 75 | GATE Examination guidance for Computer Engineering Students, Mr. Pradeep Gaikwad, Director ICE, Pune |
| Career Counselling | 21/01/2020 | 42 | Career Development and Personality Grooming, Dr.Vishnu Mane Motivational Speaker |
| Career Counselling | 03/08/2019 | 42 | Expert lecture on Body in white Mr. Sachin Naik, Project manager, Innoac Technologies Ltd. |
| View File | | | |

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

| Year | Name of the scheme | Number of benefited students for competitive examination | Number of benefited students by career counseling activities | Number of students who have passedin the comp. exam | Number of studentsp placed |
|---|---|---|---|---|---|
| 2019 | Activities - Training Placement, Guidance for | 285 | 313 | 2 | 49 |

| | |
|---|---|
| Competitive Exam, Career Counseling Activities | |

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

| Total grievances received | Number of grievances redressed | Avg. number of days for grievance redressal |
|---|---|---|
| 0 | 0 | 0 |

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

| On campus | | | Off campus | | |
|---|---|---|---|---|---|
| Nameof organizations visited | Number of students participated | Number of stduents placed | Nameof organizations visited | Number of students participated | Number of stduents placed |
| EPAM Persistent TCS LT Infotech Bitwise Zensar Raja Software Xorient Hitachi Consulting InfytQ Sigma System Altimetrik Cuelogic TechVerito Software Eternus Solutions Harbinger Hitachi Solutions EZest Fiserv Eleation MindstiX Coditas SAP Labs Osmosys | 128 | 45 | Syncnicia S/w MARQUARDT Mechatronic Associates Fine Handling and Automation Pvt Ltd. | 16 | 4 |

View File

5.2.2 – Student progression to higher education in percentage during the year

| Year | Number of students enrolling into higher education | Programme graduated from | Depratment graduated from | Name of institution joined | Name of programme admitted to |
|---|---|---|---|---|---|
| 2019 | 1 | Bachelor of Engineering | MECHANICAL ENGINEERING | MIT-WPU: MIT World Peace University, | MBA |

| 2019 | 1 | Bachelor of Engineering | COMPUTER ENGINEERING | INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY BANGALORE (IIIT-B) (Deemed University) UPGRAD | Post Graduate Diploma in Data Science (PGDDS) |
|---|---|---|---|---|---|
| 2019 | 1 | Bachelor of Engineering | MECHANICAL ENGINEERING | The Italian Unversity of Design Istituto d'Arte Applicata e Design – Torino (IAAD) info@iaad.it | Master Programme in Transportation Design – Preliminary Module |
| 2019 | 1 | Bachelor of Engineering | COMPUTER ENGINEERING | Studies at Hochschule Hof, Berlin, Germany HochschuleHof · University | Master in Software Engineering |
| 2019 | 1 | Bachelor of Engineering | COMPUTER ENGINEERING | Industrial Application at Hochschule Hof,Studies at Hochschule Hof, Berlin, Germany HochschuleHof · University | Master in Software Engineering |

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

| Items | Number of students selected/ qualifying |
|---|---|
| Civil Services | 1 |
| Any Other | 1 |

View File

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

| Activity | Level | Number of Participants |
|---|---|---|
| Debate Elocution Competition | Institute Level | 65 |
| Cultural Activity on | Institute Level | 719 |

| | | | |
|---|---|---|---|
| Street Play | | | |
| Cultural Activity on Traditional Day | Institute Level | 719 | |
| Debate Elocution Competition | National Level | 2 | |
| Cultural Activity on Photography Competition | Institute Level | 719 | |
| Maharashtra Times Carnival Cultural Program | Institute Level | 719 | |
| Cultural and Sport Activity onAnubhuti Annual Function | Institute Level | 719 | |
| Cultural Activity on Welcome function | Institute Level | 719 | |
| Cultural Activity on Marathi Bhasha Diwas | Institute Level | 719 | |
| Cultural Activity on Republic Day | Institute Level | 719 | |
| [View File](#) | | | |

## 5.3 – Student Participation and Activities

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

| Year | Name of the award/medal | National/ Internaional | Number of awards for Sports | Number of awards for Cultural | Student ID number | Name of the student |
|---|---|---|---|---|---|---|
| 2019 | SPPU "Youth Festival" on 15.1.2020, Group Singing 1st Prize Award | National | Nill | 1 | Rajat Singh BE MECH-17FME041 | Rajat Singh TE MECH |
| 2019 | Winner Pune District under SPPU | National | 1 | Nill | Rohan Pramod Tekawade - TE Mech - 17DME143 | Rohan Pramod Tekawade - TE Mech |
| 2019 | 1st Runner up Pune District under SPPU | National | 1 | Nill | Komal Gawade-DSE Comp - 18DCE014 | Komal Gawade-DSE Comp |
| 2019 | Runner up award | National | 1 | Nill | Ajinkya Suryawanshi BE Mech 15FME061 | Ajinkya Suryawanshi BE Mech |
| 2019 | 1 st Runner up | National | 1 | Nill | Ajinkya Suryawansh | Ajinkya Suryawansh |

| | | | | | i BE Mech 15FME061 | i BE Mech |
|---|---|---|---|---|---|---|
| 2019 | 1 st Runner up Vista 2K20 | National | 1 | Nill | Sreyasi Desai FE - 19FCE032 | Sreyasi Desai FE |
| 2019 | Winner Vista 2K20 | National | 1 | Nill | Pooja Jadhav TE Comp 18DCE080 | Pooja Jadhav TE Comp |
| 2019 | Dajikaka Gadgil Karandak Award | National | Nill | 1 | Sidhhi Khaire 18DCE060 | Sidhhi Khaire |
| 2019 | Firodiya Karandak 2020 Dedication Award | National | Nill | 1 | Roshan Patil 18DCE064 | Roshan Patil |
| 2019 | 1st Runner up Vista 2K20 | National | 1 | Nill | Akanksha Deshmukh- DSE Comp 18DCE052 | Akanksha Deshmukh- DSE Comp |
| | | | | [View File](View File) | | |

5.3.2 – Activity of Student Council &amp; representation of students on academic &amp; administrative bodies/committees of the institution (maximum 500 words)

As per Maharashtra Universities act, the Student Council is formed in the institution every year for the participation of students in academic and administrative bodies/committees to develop leadership qualities and teamwork. This council provides an opportunity to the student community to express their opinion about the institution and recommends the suggestions as per their expectations. This council ensures participation of maximum students in all curricular and extracurricular activities organized by the institution and SPPU. 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 role of these secretaries is to organize different activities related to academics, sports, cultural activities such as Annual Social Gathering "ANUBHUTI 2020". The institutional committees have student representative that ensures the participation of students in all activities. This helps in maintaining transparency in the overall working of the institution. ANTI RAGGING COMMITTEE: The student members of the ant ragging committee help the fresher to improve their confidence through counselling. INTERNAL COMPLAINTS COMMITTEE: To provide moral support to the students to raise their grievance, if any. This brings transparency in the process. ACADEMIC MONITORING COMMITTEE: It consists of class representatives of all branches along with faculty members to monitor and ensure discipline in academics. Alumni are invited to give their valuable suggestions that are incorporated for supporting the curriculum. GRIEVANCE REDRESSAL COMMITTEE: this committee solves the issues raised by student from time to time. IQAC COMMITTEE: Students are actively participated in IQAC cell and gives inputs according to need. COLLEGE DEVELOPMENT COMMITTEE: Students are actively participated in College Development Committee and gives strategic inputs for quality enhancement. OBC CELL: To accumulate reports and information regarding

the Government of India and the UGC orders of OBC. SC/ST CELL: To accumulate SC/ST reports/Problems and information regarding the Government of India and the UGC orders of SC/ST. HOSTEL COMMITTEE: The student members of the hostel committee ensure and communicate the security and amenities. MESS AND CANTEEN COMMITTEE: The student members of Mess and Canteen Committee monitor quality, hygiene and variety of food. SPORTS AND GYMKHANA COMMITTEE: The student members of the Sports and Gymkhana Committee organize indoor and outdoor sports and ensure maximum participation. STUDENT WELFARE AND DISCIPLINE COMMITTEE: The student members of the Student Welfare and Discipline Committee encourage students about their rights and responsibilities. TECHNICAL EVENTS COMMITTEE: To plan and organize technical events. EXTRACURRICULAR ACTIVITIES: To plan and organize extracurricular activities. Publication, Magazine, Brochure, NEWS LETTER: For publication of Magazine, Brochure News Letter. ALUMNI COMMITTEE: The student members of the Alumni Committee organize Alumni meet every year and help to interact with regular students with the institute alumina by means of inspirational speech, guest lectures, gifts, etc. LIBRARY COMMITTEE: The student members put up their demands about learning material.

## 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

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. Every year alumni meet provides a platform for the alumni to share their current experiences and to recall charming old memories. The Objectives of AAMMIT are: 1. To implement alumni suggestions for the overall improvements. 2. To increase liaison with industries. 3. Development of institution through financial support / gifts and non financial means. Nonfinancial Contribution of Alumni Association: The nonfinancial means through which alumni contribute the institution are : 1. Establishing Memorandum of Understanding (MoU) between the institution and alumni entrepreneurs 2. Suggestion and Support to Training and Placement Cell 3. To enhance 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 at their organization 8. Giving inputs for syllabus revision as an advisory committee member. 9. Guidance to students for project work, latest technology, BAJA, ATV, GOKART and Robocon. 10. Job oriented training program under Value Added Courses. Financial Contribution of Alumni Association: Alumni also contributes for the development of the institution providing financial aid, donations in the form of pump accessories, engines, vehicles, project models, sensors, laptop, books, website development, etc. which in turn are utilized for the student development, lab development and infrastructure development. Alumni expressed their willingness to contribute in the best possible ways for the overall development of the institution. AAMMIT has generated Corpus money 2,17,000/ for development of students.

5.4.2 – No. of enrolled Alumni:

1069

5.4.3 – Alumni contribution during the year (in Rupees) :

217000

**5.4.4 – Meetings/activities organized by Alumni Association :**

In the academic year, 2019 and 2020, the alumni association of the institution AAMMIT has organized Alumni meet. The annual Alumni Meet was conducted on 18th FEB 2020. The meet was attended by 80 members out of total 1069 enrolled students in AAMMIT. Activities organized by Alumni Association: 1. CISF Exam Preparation by Parmeshwar Selukar, ACP, CISF, Govt of India (Alumni of MMIT) 2. Introduction to Docker, Mr. Anand Iyer, Sr. Cloud Architect TIBCO, Pune (Alumni of MMIT) 3.Expert Lecture on "SQL" , Mr. Prashant Chhaparwar , Vodafone Shared Service Ltd (Alumni of MMIT)

## CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

For smooth functioning, the institute has well structured organization and management system. The principal is head of the institute. The departments are headed by the departmental heads for handling day to day activities of the respective departments. The office operations are headed by Administrative Officer. College examination officer looks after all the examination related activities. Other academic and administrative responsibilities are divided among four deans viz., Academics, Administration, Research and development, Student affairs. To ensure participative and decentralized management, the various committees which are functional under these deans, are constituting stakeholders as a member. These committees responsibly work towards proper conduction of all activities. Following are two practices mentioned as example. Practice 1: Google Apps Committee: Under dean academics, the google apps committee functioned. Staff members work as the committee members and one staff is head of the committee. Google app is portal for sharing study material to students.The committee carries out various roles and responsibilities regarding the use of Google app viz., -Giving inputs for study material storage and sharing to students -Conducting time to time audits for ensuring smooth and efficient utilization of Google apps facility -Updation of study material as and when required on Google App and direct all the faculties - Keep track of the study material shared on google apps The committee ensures that, all necessary and proper material in the formats such as handwritten notes, video lectures, syllabus, PPTs, Previous Question Papers etc. is being provided by faculty to students. Practice 2: ERP (Institute MIS) Committee: Under dean academics, the ERP committee is functioning at the institute, whose functional head is teaching staff member and committee also comprises staff members as representing members. The committee carries out various roles and responsibilities such as, - Efficient use of ERP software at institute - Conducting technical training sessions for staff for making them familiar to ERP software and its updates - Conduct audit for use of ERP software and suggest and proceed for corrective action for lagging areas - Address the difficulty faced by users of ERP software - Communicate with ERP software supplier, in case of major issues and solve them, if needed - Produce reports through ERP software for time to time analysis

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

### 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

| Strategy Type | Details |
| --- | --- |

| | |
|---|---|
| **Curriculum Development** | 1. Faculty contributed in Syllabus Implementation Workshop, 2. Organized guest lectures and workshops, bridging the gaps between curriculam and practical, 3. Add on courses conducted, 4. Virtual lab experiment conducted in coordination with IIT Bombay, 5. Participated in national level events viz. Baja, Gokart, Hackathon etc. by students, 6. Organized industrial visit for application understanding related to curriculum. |
| **Teaching and Learning** | 1. Made use of ICT tools such as google classroom NPTEL certification courses, 2. Google apps used for subject information sharing, 3. Utilized smart class room, 4. Model making and Demonstration in class room, 5. Arranged Hands on sessions such as PCB Design, 6. Virtual lab experiment conducted, 7. Exposure to industry applications by participating in industrial visits. 8. Conducted online lectures when physical conduction was not possible 9. Shared recorded lectures through links in case of conduction not possible |
| **Examination and Evaluation** | 1. Continuous Assessment of students based on timely completion of assignments,neatness of writeups,asking oral questions, 2. Conducted Unit Test and Term End Examinations followed by retest of poorly performed and absent students, 3. Conducted University In-sem Examination followed by discussion on specimen solution, 4. Conducted University Term Work/Oral/Practical/Project examination after conduction of mock Oral/Practical exam, 5. Conducted University End-Sem Examination, 6. In case of re-evaluation of obtained marks, the photocopy of answersheet is reviewed by subject teacher. |
| **Research and Development** | 1. Arranged Project competition, 2. Conducted Technical event (Samvitti) which includes competitions viz., paper presentation, lathe war, circuit board designing, poster making competition, 3. Insisted students for industry sponsored projects for getting more exposure to industry work culture, 4. Received research grants by applying to research funding agencies, 5. Insisted students for publishing their project research work in scientific journals, 6. Encouraged staff to publish their |

| | |
|---|---|
| | research work in journals, 7. Provision of funds to faculties for attending workshops,seminars,conferences etc. was made |
| Library, ICT and Physical Infrastructure / Instrumentation | (A) Library: 1. Utilized "Slim" portal system for book transaction and information of books available in central library, 2. Book bank scheme applied for eligible students of SC Category, 3. 24 x 7 open reading room for study, 4. Added of E-books in digital library. (B) ICT: 1. Video lecture prepared by faculty for critical part of syllabus and its sharing with students, 2. Utilized smart classroom, 3. NPTEL Certificate courses were opted by staff and students. (C) Physical Infrastructure: 1. Enhanced utilization of CCTV system for smooth functioning of activities in overall campus was done, 2. 24x7 open reading room for study purpose, 3. Improvements made in Playground facilities. |
| Human Resource Management | 1. Organized FDP, workshops for teaching as well as non-teaching staff, 2. Provided funds to faculties for attending workshops,seminars,conferences etc., 3. Encouraged to staff for completing NPTEL online certification courses, 4. Distributed Institute's portfolio to all faculties as per their respective expertise, 5. Utilized bio-metric attendance of all staff for record keeping. |
| Industry Interaction / Collaboration | 1. One faculty visited to one industry for achieving enhanced outcome in the form of industrial visit for students, placement, industry sponsored B.E. project, use of research facility, monetary sponsorship etc., 2. Organized Guest Lecture by industry person for getting familiar with current technology and current industrial requirements, 3. Signed and executed MoUs with various organizations with various outcomes such as, final year projects,Technology Transfer etc. |
| Admission of Students | 1. Promoted and implemented Non government scholarships for eligible students, 2. Provision made for online fees payment while admission, 3. Conducted of informative career guidance sessions across Maharashtra, for students willing to take admission |

| | |
|---|---|
| | at institute, 4. Conducted of Mock CET test/competition for H.Sc. students who are willing to take admission at the institute and felicitating the winners with attractive prizes. |

6.2.2 – Implementation of e-governance in areas of operations:

| E-governace area | Details |
|---|---|
| Planning and Development | 1. SLIM 21Library Management Software, 2. ERP Software/Moodle portal, 3. Delnet Software. |
| Administration | 1. Bulk SMS Pack, 2. SONIC WALL for Administration of website browsing, 3. CCTV System for smooth functioning of overall campus, 4. Bio Metric Attendance System for staff, 5. EPABX (Internal communication System), 6. Institute Website. |
| Finance and Accounts | 1. Tally, 2. HDFC Bank Smart Hub For Online Payment of Admission fees by students. |
| Student Admission and Support | 1. HDFC Bank Smart Hub For Online Payment of Admission fees by students, 2. Online admission form provision on institute website. |
| Examination | 1. ERP software for conducting online tests and quizzes |

## 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

| Year | Name of Teacher | Name of conference/ workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
|---|---|---|---|---|
| 2019 | Mr. Eknath Kurhe | Transport charges to attend CIII FDP on Product Design Development 07/05/2019 | -- | 1680 |
| 2019 | Mr. Jitendra M. Bakliwal | One day Faculty Awareness Program on Learning E-sim for First Year organized by IIT Bombayon 21/09/2019 | -- | 300 |
| 2019 | Mr. Umakant L. Tupe | One day Faculty Awareness | -- | 300 |

| | | Program on Learning E-sim for First Year organized by IIT Bombayon 21/09/2019 | | | |
|---|---|---|---|---|---|
| 2019 | Mrs. Tejaswini S. Bhoye | One day Faculty Awareness Program on Learning E-sim for First Year organized by IIT Bombayon 21/09/2019 | -- | | 300 |
| 2019 | Mr. Swapnil S. Choudhari | Remuneration for FDP on Peadagogy Driven NBA Accreditation, organized by RIT Polytechnic Lohgaon | -- | | 250 |
| 2019 | Mr. Dinesh B. Satre | Remuneration for FDP on Peadagogy Driven NBA Accreditation, organized by RIT Polytechnic Lohgaon | -- | | 250 |
| 2019 | Mr. Sanjay A. Agrawal | Remuneration for FDP on Peadagogy Driven NBA Accreditation, organized by RIT Polytechnic Lohgaon | -- | | 250 |
| 2019 | Dr. Anjali J. Joshi | Expenses for attending 2-days workshop on Filling AQAR under new NAAC process, at Brijlal Biyani Science College, Amarawati on 3/10/2019 to 4/10/2019 | -- | | 4345 |
| 2019 | Mr. Subhash G. Rathod | Expenses for attending 2-days workshop on Filling AQAR under new NAAC | -- | | 4490 |

| 2019 | Dr. R. V. Bhortake, Mr. Rajat S. Patil, Mr. Subhash G. Rathod | Registration Fees of Symposium on Problem based learning, at B. V. Bhoomaraddi campus, Vidyanagari, Hubali held on 22 23/11/2019 | -- | 21490 |

process, at Brijlal Biyani Science College, Amarawati on 3/10/2019 to 4/10/2019

[View File](#)

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

| Year | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | From date | To Date | Number of participants (Teaching staff) | Number of participants (non-teaching staff) |
|---|---|---|---|---|---|---|
| 2020 | Two Days State level workshop on Research Challenges in Design and Analysis of Mechanical Systems | -- | 07/02/2020 | 08/02/2020 | 36 | Nill |
| 2020 | One day Faculty Development Program on CISCO Collaboration Cloud (Online using WEBEX)-Recent Trends in Networking and Telecom | -- | 18/05/2020 | 18/05/2020 | 240 | Nill |
| 2020 | National | -- | | | 93 | Nill |

| | | 27/05/2020 | 27/05/2020 | | |
|---|---|---|---|---|---|
| Level Webinar On "Indian Automotive Industry 2020-Disruption Opportunities" | | | | | |
| 2019 | Faculty Development Programm on Salesforce Business Administration Specialists | Faculty Development Programm on Salesforce Business Administration Specialists | 03/06/2019 | 07/06/2019 | 15 | 7 |
| 2019 | Six Sigma Green Belt Certification Program | -- | 06/07/2019 | 13/07/2019 | 3 | Nill |
| 2019 | Two days Faculty development Program on Programming Problem Solving | -- | 25/07/2019 | 26/07/2019 | 105 | Nill |
| 2019 | 6 days FDP on Cyber Security | -- | 09/12/2019 | 14/12/2019 | 32 | Nill |
| 2020 | Expert lecture on Work Culture | Expert lecture on Work Culture | 28/01/2020 | 28/01/2020 | 36 | 21 |
| 2020 | State level seminar on cloud computing and upcoming technologies | -- | 30/01/2020 | 31/01/2020 | 47 | Nill |
| 2020 | One day workshop on Financial literacy for engineers | One day workshop on Financial literacy for engineers | 04/02/2020 | 04/02/2020 | 16 | 6 |
| [View File](#) | | | | | |

| 6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year | | | | |
|---|---|---|---|---|
| Title of the professional development programme | Number of teachers who attended | From Date | To date | Duration |
| FDP on Salesforce Essential for Business Specialist | 6 | 03/06/2019 | 07/06/2019 | 5 |
| STTP through ICT mode on Problem Based Learning | 11 | 02/12/2019 | 06/12/2019 | 5 |
| FDP on Product Design and Development at MMCOE | 5 | 25/11/2019 | 29/11/2019 | 5 |
| Three Day FDP on Pedagogy Driven Accreditation | 8 | 26/09/2019 | 28/09/2019 | 3 |
| 3 Days Online workshop on Education 4.0 | 10 | 28/04/2020 | 30/04/2020 | 3 |
| FDP on Outcome based education: A step towards excellence | 13 | 11/05/2020 | 15/05/2020 | 5 |
| One Week Faculty Development Programme on 'Revolution in Engineering Education | 2 | 04/05/2020 | 08/05/2020 | 5 |
| International Faculty Awareness Program Conflux | 3 | 11/05/2020 | 15/05/2020 | 5 |
| FDP on Cyber Security | 5 | 09/12/2019 | 14/12/2019 | 6 |
| FDP on "Programming Problem Solving" | 3 | 25/07/2019 | 26/07/2019 | 2 |
| [View File](#) | | | | |

| 6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment): | |
|---|---|
| Teaching | Non-teaching |

| Permanent | Full Time | Permanent | Full Time |
|:---:|:---:|:---:|:---:|
| 36 | 45 | 29 | 32 |

6.3.5 – Welfare schemes for

| Teaching | Non-teaching | Students |
|---|---|---|
| Financial assistance in academic development of faculty, Special leave for wedding of staff, Official leave for doing Research, Group Insurance Policy, Bus facility, Staff quarters facility, Advance Salary, Fixed leaves as per norms, Medical leaves and facility, Maternity leaves, Loan facility, Appreciations, Employee Provident Fund (EPF), RO Purified water facility | Special leave for wedding of staff, Group Insurance Policy, Bus facility, Advance Salary, Staff quarters facility, Fixed leaves as per norms, Medical leaves and facility, Maternity leaves, Loan facility, Appreciations, Employee Provident Fund (EPF), RO Purified water facility | Bus facility at reasonable cost, Earn and learn scheme, Fees waiver to financially weak, poor and needy eligible students, Encouraging students for participating in sports events by funding their entry fees, Online fees payment option provided on institute website for facilitating fees payment, INSTALLMENT OPTION FOR PAYING THE FEES is available to students, Flexible library timings, Operating NSS unit for self development of students through participation in activities, BOOK BANK SCHEME, Nirbhay kanya scheme for girl student empowerment, STUDENTS INSURANCE, Industrialist's Guidance sessions for students, Lift system for differently-abled (Divyang) person, RO Purified water facility |

## 6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

As a part of smooth administration of activities, the Institution prepares its budget every year as per the requirements of all departments as well as functional committees. The sanctioned budget from the management is then allocated to individual department under the categories such as, consumables, lab equipment purchase, industrial visits, research and development activities etc. To ensure that, the allocated budget is properly utilized and to minimize any discrepancy, the Institution conducts internal as well as external audit at regular intervals. The last internal audit of the Institution was carried out for the financial period of 01.04.2019 to 30.09.2019 by "Mundhe Shaha and Company". The last external audit was conducted by "Krishna Rawas and Associates". There were no major issues found and the budgeted and utilized quantities were found similar. Due to clear procedure of budgeting and funds utilization, the discrepancies are minimized. 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. In present audit also the rectifications were satisfactorily answered by the institute which were raised during audit.

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

| Name of the non government funding agencies /individuals | Funds/ Grnats received in Rs. | Purpose |
|---|---|---|
| 1. Data Care Corporation Pune, 2. Helix Integrated Learning Ltd, Pune, 3. TCS iON, 4. SPPU Pune, 5. MM Trust, Pune, 6. MM Trust, Pune | 440475 | 1. Sponsorship for conducting National level Technical event Samvitti-2019, 2. Sponsorship for conducting State level workshop on Research Challenges in Design and Analysis of Mechanical Systems. 3. Conduction of Online Exams, 4. NSS Regular Activities Special Camp, 5. Go-Kart BAJA Activities, 6. Earn and Learn Scheme |
| View File | | |

6.4.3 – Total corpus fund generated

| 13600000 |
|---|

## 6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

| Audit Type | External | | Internal | |
|---|---|---|---|---|
| | Yes/No | Agency | Yes/No | Authority |
| Academic | Yes | Committee of Invited Members | Yes | I.Q.A.C. |
| Administrative | Yes | Committee of Invited Members | Yes | I.Q.A.C. |

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

As per suggestions received from parents during Parent-Teacher meet and IQAC meets, the following activities were conducted. Activity 1: International Yoga day was organized on 21st June 2019, in which students and staff participated. It was organized to increase health awareness among participants Activity 2: Students along with staff visited to Zilla Parishad school at Lohgaon on 14th August, 2019. The purpose was to make students aware about social responsibilities. Donation of stationary items were also organized during the activity. Activity 3: Health check up camp was organized for staff and students on 7th January 2020. During this free health check up camp participants were addressed the issue of body fat analysis. Activity 4: On the occasion of National Sports Day on 29th August, 2019 Fit India Movement program was organized.A pledge regarding fitness was taken by all participants on this occasion.

6.5.3 – Development programmes for support staff (at least three)

Program 1: Motivational Lecture on Work culture conducted on 28th January, 2020. In this program 21 support staff participated Program 2: A program on Salesforce Business Administration Specialists was organized between 3rd June, 2019 to 7th June 2019. In this program 9 support staff participated. Program 3: A program on Financial Literacy was organized on 04th February, 2020. In this program, 6 non teaching staff along with Teaching staff participated.

### 6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Commencement of Civil Engineering branch from AY 2019-20 2. Commencement of training modules, activities for students and faculties under Make it Happen Marathwada Mitra Mandals Center for Innovation, Invention and Incubation (MMCIII). 3. Emphasize on development of E-content for online teaching-learning activities 4. Promoting participation of faculties in workshops, webinars, STTP, MOOCS courses etc. 5. Guardian faculty Member (GFM) provided booklets to students under them for storing complete information about students. 6. Faculties encouraged to prepare and update handwritten notes in standard format. 7. Staff Appraisal policy modification.

### 6.5.5 – Internal Quality Assurance System Details

| a) Submission of Data for AISHE portal | Yes |
|---|---|
| b)Participation in NIRF | Yes |
| c)ISO certification | Yes |
| d)NBA or any other quality audit | Yes |

### 6.5.6 – Number of Quality Initiatives undertaken during the year

| Year | Name of quality initiative by IQAC | Date of conducting IQAC | Duration From | Duration To | Number of participants |
|---|---|---|---|---|---|
| 2020 | Two Days State level workshop on Research Challenges in Design and Analysis of Mechanical Systems | 05/12/2019 | 07/02/2020 | 08/02/2020 | 36 |
| 2019 | Faculty Development Programme on Salesforce Business Administration Specialists | 24/04/2019 | 03/06/2019 | 07/06/2019 | 22 |
| 2019 | Two days Faculty development Program on Programming Problem Solving | 24/04/2019 | 25/07/2019 | 26/07/2019 | 105 |
| 2019 | 6 days FDP on Cyber Security | 24/04/2019 | 09/12/2019 | 14/12/2019 | 32 |

| 2020 | Expert lecture on Work Culture | 05/12/2019 | 28/01/2020 | 28/01/2020 | 57 |
|-------|-------|-------|-------|-------|-------|
| 2020 | State level seminar on cloud computing and upcoming technologies | 05/12/2019 | 30/01/2020 | 31/01/2020 | 47 |
| 2020 | One day workshop on Financial literacy for engineers | 05/12/2019 | 04/02/2020 | 04/02/2020 | 22 |

View File

# CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

## 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

| Title of the programme | Period from | Period To | Number of Participants | |
|-------|-------|-------|-------|-------|
| | | | Female | Male |
| NSS Day (Celebrating 150 years of Mahatma Gandhi) | 25/09/2019 | 25/09/2019 | 13 | 14 |
| Fit India Movement | 29/08/2019 | 29/08/2019 | 12 | 15 |
| Guinness World Record at SPPU [Distribution of Saplings (Neem)] | 23/06/2019 | 23/06/2019 | 40 | 60 |
| Yoga day Celebration | 21/06/2019 | 21/06/2019 | 12 | 19 |
| Yoga and Meditation | 14/01/2020 | 14/01/2020 | 35 | 46 |

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

| Percentage of power requirement of the University met by the renewable energy sources |
|-------|
| 51 |

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
|-------|-------|-------|
| Physical facilities | Yes | 2 |
| Provision for lift | Yes | 800 |
| Ramp/Rails | Yes | 2 |

| Braille Software/facilities | Yes | 1 |
|---|---|---|
| Rest Rooms | Yes | 15 |
| Scribes for examination | Yes | 3 |
| Any other similar facility | Yes | 2 |

7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages and disadvantages | Number of initiatives taken to engage with and contribute to local community | Date | Duration | Name of initiative | Issues addressed | Number of participating students and staff |
|---|---|---|---|---|---|---|---|
| 2019 | 1 | 1 | 16/06/2019 | 365 | Transport Facility | Pollution free Campus | 76 |
| 2019 | 1 | 1 | 14/08/2019 | 1 | Visit and Donation to Z. P. School | Social Activity | 67 |
| 2019 | 1 | 1 | 14/08/2019 | 1 | Blood Donation | Save Life | 67 |
| 2019 | 1 | 1 | 12/12/2019 | 3 | FDP on stress Management | Health awareness | 67 |
| 2019 | 1 | 1 | 23/06/2019 | 90 | Facilitation center | Admission Helpdesk center | 78 |
| 2019 | 1 | 1 | 09/12/2019 | 6 | FDP on Cyber Security | Technical knowledge | 45 |
| 2019 | 1 | 1 | 28/10/2019 | 1 | Code-Eve 2k19 | Technical event | 67 |
| 2019 | 1 | 1 | 30/10/2019 | 1 | Donation to CM Relief Fund (Maharashtra) | social Activity | 78 |
| 2020 | 1 | 1 | 09/03/2020 | 1 | Women's Day Celebration | Women's Safety | 17 |
| 2020 | 1 | 1 | 09/03/2020 | 1 | Mask Distribution to | Human Safety | 55 |

| | | | | | | School kids | |
|---|---|---|---|---|---|---|---|

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

| Title | Date of publication | Follow up(max 100 words) |
|---|---|---|
| Code of Conduct for Parents | 17/06/2019 | 1.Parents of MMIT students ensure that their ward behaves politely and decently so as to enhance his / her own image and reputation of the Institution. 2.Parents of MMIT students observe there is no direct/indirect involvement or encouragement by a their ward leading to ragging or related activity. 3. Parents ensure that his / her ward participate in Curricular/ Extra-curricular activities conducted by Department / Institute. 4. Parents ensure that, his / her ward is not remaining absent without prior permission of HOD/ Class Teacher. 5. Parents take follow up with HOD/Class Teacher/GFM regarding academic and overall progress of their ward. They also monitor results declared by SPPU time to time with the help of GFM. 6. All the above issues and any other are discussed during Parent Teacher Meetings organized by the departments. |
| Code of Conduct for Student | 17/06/2019 | Following points related to the students are observed regularly, 1. Attendance 2. Uniform 3. Identity card 4. Maintenance of discipline 5. Action for misconduct 6. Maintenance of Cleanness 7. Conduct in the premises of the institute etc. |
| Code of Conduct for | 17/06/2019 | 1. Teachers at MMIT |

| Teachers | | | deal justly and impartially with students regardless of their social, economic, regional and religious background. 2. Encourage students to work for higher individual goals. Aid students to develop an understanding and appreciation not only of opportunities and benefits but also responsibilities. 3. Teachers provide information regularly to parents regarding the attainments and shortfalls of the wards. 4. MMIT teachers cooperate with the head of the Institute/Department and colleagues in and outside the institute in both curricular and co-curricular activities. 5. Faculties are punctual and regular in teaching work, correspondence with others and keeping appointments with other persons. 6. Teachers accept as a professional, the individual responsibility of reporting to the concerned authorities in an appropriate manner all matters that are considered to be prejudicial to the interests of the students and the development of the institute. 7.Faculties are involve in the preparation of experimental setup and upgrade the laboratory. 8. Faculties are involve in demonstration models, charts and innovative methods of teaching for better and improved interaction with students. 9. Participate in programmes of professional growth like |

| | | |
|---|---|---|
| | | in -service education and training, seminars, symposium, workshops, conferences, self-study etc. 10.Faculty Members publish research papers and articles in reputed Scopus/Web of Science Index International / Indian Journals, Magazines and Periodicals. |
| Code of Conduct for Alumni | 17/06/2019 | 1. MMIT Alumni use information and contact information for alumni and friends of the college within the guidelines of the MMIT Alumni Association and MMM Trust, Inc. Information should never be used for soliciting or marketing personal products or services. 2. They make every effort for all actions of self and fellow network leaders to be within the guidelines and policies of the MMIT Alumni Association and MMIT College. 3.Alumni Keep informing the staff about progress, concerns and problems within the program(s) in which they participate. 4.Alumni avoid conduct which would jeopardize the community and the MMIT Alumni Association's effectiveness. |

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
|---|---|---|---|
| Teachers Day Celebration | 05/09/2019 | 05/09/2019 | 22 |
| National Anthem Played Daily | 17/06/2019 | 15/06/2020 | 800 |
| Youth Festival Celebration | 15/10/2019 | 15/10/2019 | 45 |
| Marathi Bhasha Gaurav Diwas | 27/02/2020 | 27/02/2020 | 63 |
| Engineers Day Celebration | 16/09/2019 | 16/09/2019 | 50 |

| Celebration of Constitution Day | 26/11/2019 | 26/11/2019 | 41 |
|---|---|---|---|

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Green landscaping with trees and plants 2 .Plastic free campus 3. Sewage Treatment Plant 4. Biogas Plant for solid waste management 5. Rain Water Harvesting

## 7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice I: 1. Title of the Practice: Promoting Social Activities 2. Objectives of the Practice: Develop a sense of social and civic responsibility in students 3. The Context: Students are motivated to utilize the knowledge in understanding and finding practical solutions of community problems. 4. The Practice: The National Service Scheme (NSS) unit of the Institute has adopted a village Vadhu - Budruk. Every year a seven day residential special camp is organized in this village. Students carries out a discussion with the the local authorities and find out the local issues. Under the guidance of NSS Coordinator of the Institute, students workout plans to resolve issues and to contribute for its solution by carrying out activities such as Swachh Bharat Abhiyan, Tree Plantation, Tobacco free India campaign, Digital India Campaign etc. 5. Evidence of Success: Activities conducted under NSS • Social Activities in NSS Special Camp 2020 In the adopted village Vadhu budruk, MMIT NSS unit helped the people to improve their abilities and social activities by creating awareness among the village people about Swachh Bharat Abhiyan, Tree Plantation, Tobacco free India campaign and Digital India Campaign etc. Apart from NSS Camp, various social activities are conducted: • Guinness World Record at SPPU [Distribution of Saplings (Neem)] SPPU created Guiness World Record of distribution of 16731 saplings in 2 hr 38 minutes and 30 seconds. MMIT successfully participated in this event. • International Yoga Day On this day a yoga session was conducted in MMIT campus. All MMIT staff and students participated and many of these started performing yoga regularly. • Tribute to Hon'ble Dr. Shankarraoji Chavan, Founder President, MMM Trust On the occasion of birth century year and 16th death anniversary, a tribute function was organised in MMIT campus. • Swacchata Hi Seva Through this program MMIT made the nearby people realise the hazardous effect of use of plastic and so use cloths or jute bags. Also asked them to collect all the plastic waste from their surroundings ensured its safe disposal with the support of local administration. • NSS Day 2019 Event was carried out in college campus. Competitions were arranged with the theme Swachchata, Plastic ban, Traffic rules and regulations, Best out of waste etc. • Fit India Movement On this event pledge is taken by all MMIT staff to encourage people to give priority to sports and fitness in their day to day life. • Blood Donation Camp In association with Sassoon blood bank this camp was organized. Around 300-400 volunteers donated the blood for great cause of saving someones life. • Donation to ZP School Lohgaon Principal, MMIT along with staff visited Z.P.School, Lohagaon. Staff interacted with school staff and students to understand their routine and facilities. Educational materials and food are donated to the school children. 6. Problems Encountered and Resources required • Due to rigorous academic schedule, there is a restriction on number of days to spare for activities. • Financial support required from SPPU and the institution. 7. Notes (Optional) Outcomes of social initiatives: (i) Inculcating the responsibilities of social welfare amongst students (ii) Help students to grow as social and civic responsible citizen. Best Practice II: 1. Title of the Practice: Professional Skill Enhancement of Students. 2.

Objectives of the Practice: (i) To enhance technical skills of students (ii) To train students by Faculties and expert professionals from industry. 3. The Practice: Students are encouraged to participate in various National Level Technical Competitions such as BAJA, ATV, Go-Kart, etc. A specially designed workshop is made available to students 24x7. Every year students are supported technically and financially by the institute. Under the guidance of faculty advisers of SAE BAJA, students design and fabricate the ATV, Go-Kart vehicles in-house in the dedicated workshop. Efforts taken for students for participation in national level contests • Organization of national level workshops, conferences and training programs • Eminent speakers, academic professionals are invited from Industry and educational fields to guide students • Add on courses are conducted • Students are active members of professional body SAE India 4. The Process: • Students are shortlisted and are registered for SAE Collegiate Club. • Training sessions are conducted by faculties and experts invited from Automobile industries • ATV Gokart vehicles are designed in-house in the dedicated institute workshop. 5. Evidence of Success: Performance in the National Level Gokart and ATV Competition: This year students of Mechanical Engineering have participated in National Level ATV Competition FMAE BAJA 2020, 21st February 2020-25th Feb 2020 at Moto Park, Keesaragutta, Hydrabad. Team MMIT (Team Invader Racing) won total Prize Money Rs. 1,60,000/- with the following category awards - Overall Championship (Best acceleration) Winner - Best Rock Climb Winner - Best Maneuverability Winner - Best Suspension Winner - Best Endurance and Fuel Economy Runner Up

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

https://www.mmit.edu.in/index.php/iqac/institutional-best-practices

## 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Institution is established in the year 2008 by the trust 'Marathwada Mitra Mandal' to provide engineering education with the motto "Yethe Bahutanche Hita" (Welfare of Masses). The watchwords of the trust are Mass education, co-education and dedication towards overall development of the students. 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 to the institute are from economically weaker background. A significant number of open category students are from farmer's family (around 60). Amongst these, a few students are not eligible for Government free ship and scholarship due to various reasons. 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 by providing them a financial assistance and an opportunity to them to become a successful engineer. In the academic year 2019-20, Institution has supported the education of 48 students by providing financial assistance of around Rs. 13,18,999 in admission fees and around Rs.1,78,500 by giving financial assistance in the Hostel fees. The institution has "Earn and Learn Scheme" to provide an opportunity for students who need financial support to their education by offering part-time job in Library. Depending on the requirement of the students, they are provided with expenses for mess. Under this scheme, students are assigned work in the College Library after college hours so that their regular studies are not affected. In the year 2019-20, two students are benefited under this scheme and Institute has spent Rs. 3,580 till date. The evidence of success of providing the financial assistance is that students are able to continue their education with the

financial support from the institute. They have shown a good academic progress in the successive years. The careers of these students are recognized globally. In addition to this the Institute (all staff) has donated one day salary, a sum of Rupees 1,35,994 to Kolhapur flood fund in the A.Y.2019-20 as a social responsibility. Enhancing technical excellence of students keeping sense of social responsibility is the distinctiveness of institution to fulfil the vision, priority and thrust of the institution.

| Provide the weblink of the institution |
|---|
| https://www.mmit.edu.in/index.php/iqac/institutional-distinctiveness |

## 8.Future Plans of Actions for Next Academic Year

 COMMENCEMENT OF NEW BRANCH OF MECHATRONICS: Mechatronics is at the intersection of mechanical engineering, electronic engineering and software engineering. Primarily the focus is on industrial automation, automobile, manufacturing, robotics, etc. The institute is in process of obtaining necessary permissions to commence this new branch from academic year 2020-21 from AICTE / DTE / SPPU. ORGANIZING INTERNATIONAL CONFERENCE: Conducting an international conference for a broad range of disciplines including Mechanical, Electronics, Computer, Mechatronics, Civil, Engineering Sciences. INDUSTRY COLLABORATION TO IMPART SKILL BASED EDUCATION: Marathwada Mitramandal Trust has established the "Make it Happen Center for Invention, Innovation and Incubation (MCIII) named as MMCIII (Marathwada Mitramandal's center for Invention, Innovation and Incubation ) with total investment of Rs. 18.5 Cr. It is a joint venture by Tata Technologies, Science Technology Park SPPU and Marathwada Mitramandal Trust, Pune for development of MMIT in future. ENHANCING RESEARCH AND DEVELOPMENT ACTIVITIES TILL A.Y. 2020-21: It is planned to submit at least three research Projects per Department. While submitting this AQAR, three proposals are sanctioned. TO INITIATE NBA ACCREDITATION PROCESS: It is decided to start the initiatives for the accreditation process by the NBA. The departments have been asked to survey the criterions and requirements of NBA accreditation.