Mechanical Engineering

PART B: Criteria Summary

Critera No.	Criteria	Total Marks	Institute Marks
1	VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES	50	47.00
2	PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES	200	183.00
3	COURSE OUTCOMES AND PROGRAM OUTCOMES	100	95.00
4	STUDENTS' PERFORMANCE	200	110.89
5	FACULTY INFORMATION AND CONTRIBUTIONS	150	131.79
6	FACILITIES AND TECHNICAL SUPPORT	100	92.00
7	CONTINOUS IMPROVEMENT	75	69.00
8	STUDENT SUPPORT SYSTEMS	50	50.00
9	GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	75	75.00
	Total	**1000**	**854**

Part B

1 VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (50)

Total Marks 47.00

1.1 State the Vision and Mission of the Department and Institution (5)

Total Marks 5.00

Institute Marks
5.00

Vision of the institute	To nurture proficient technicians with sound ethical and social values contributing towards the welfare of masses
Mission of the institute	M – Make ardent efforts to inculcate technical skills, social and ethical values among students. M – Mould students to be competent through an excellent harmony among Theoretical, Analytical and Practical Knowledge P – Permeate professional skills among students through Co-curricular and Extra- Curricular
Vision of the Department	To excel as one of the leading departments in imparting quality education in Mechanical engineering and help students to be excellent professionals and worthy citizens

Mission of the Department

Mission No.	Mission Statements
M1	To provide top quality education with balance of theoretical and practical knowledge through effective teaching learning method
M2	To provide constructive environment with opportunities in association with industry,where students can learn, apply and enhance their skills in mechanical engineering
M3	To develop students' professional skills and mould them into productive citizen

1.2 State the Program Educational Objectives (PEOs) (5)

Total Marks 5.00

Institute Marks
5.00

PEO No.	Program Educational Objectives Statements
PEO1	Ability to solve technical problems individually or as a team in the field of mechanical engineering
PEO2	Apply creative and innovative ideas translating in working models, prototypes
PEO3	To lay a firm foundation of basic knowledge and practical skills for higher education, professional skills for industry

1.3 Indicate where and how the Vision, Mission and PEOs are published and disseminated among stakeholders (10)

Total Marks 9.00

Institute Marks
9.00

1. Publication of Vision, Mission and PEOs

The Vision, Mission, and PEOs are prominently displayed and published through the following mediums:

- **Institute Website:** Clearly displayed on the homepage and departmental pages for easy access by students, parents, and other stakeholders.
- **Prospectus and Brochure:** Included in admission-related documents distributed to prospective students and parents.
- **Display Boards:** Exhibited at strategic locations such as:
  - Institute entrance
  - Administrative office
  - Department corridors
  - Laboratories and classrooms
- **Laboratory Manuals and Course Files:** Printed in practical manuals and course documentation for continuous reference.
- **Institute Magazine and Newsletters:** Published periodically to reinforce institutional goals.

2. Dissemination among Stakeholders

The Vision, Mission, and PEOs are communicated effectively to all stakeholders through the following practices:

Students

- Explained during **induction/orientation programs** for newly admitted students
- Reinforced during classroom interactions and mentoring sessions
- Displayed in classrooms and laboratories

Faculty and Staff

- Discussed during **faculty meetings, workshops, and training programs**
- Incorporated into teaching-learning processes and course planning
- Used as a basis for curriculum delivery and outcome assessment

Parents

- Communicated during **parent-teacher meetings (PTMs)**
- Shared through institute publications and website

Alumni

- Disseminated through **alumni meetings, social media groups, and newsletters**
- Feedback collected to assess attainment of PEOs

Industry and Employers

- Shared during **industry interactions, MoUs, internships, and training programs**
- Discussed in **Industry Advisory Board meetings**

Table no 1.3.1. Publication of Vision, Mission and PEOs

Sr.No.	Details	Internal Stakeholder	External Stakeholder	Mode of Dissemination
1	Institute website www.mmpolytechnic.edu.in	√	√	Displayed on homepage and departmental page for students, parents, and other stakeholders
2	Department Newsletter	√	√	Published periodically and shared with all stakeholders
3	Course file of Faculty, Lab Log Book, Lab Manuals,Project Report	√		Reference for faculty and students
4	Faculty Members mail signature	√	√	Incorporated into every email communication sent by faculty to internal and external stakeholders
5	Notice board of department	√	√	Daily visibilty for students and staff
6	HOD Cabin	√	√	For visibility to staff and visitors
7	Departmental Corridor	√	√	Displayed in common areas and corridors accessible to both staff and visiting stakeholders
8	Departmental Laboratories	√		Displayed inside laboratories for continuous reference by students and faculty during practical sessions
9	Staff Room	√		Visible to all teaching and non-teaching staff
10	Class Rooms	√		Displayed in classrooms and communicated during classroom interactions and mentoring sessions
11	Orientation program for freshers	√	√	Explained during induction/ orientation programs for newly admitted students and their parents
12	Pre-placements talks of employers	√	√	Shared during industry recruitment interactions, internships, MoUs, and training programs
13	Presentations in Industry Meet		√	Discussed in Industry Advisory Board meetings and presented to industry professionals and employers

1.4 State the process for defining the Vission and Mission of the Department, and PEOs of the program (15) **Total Marks 13.00**

Institute Marks
13.00

Process of establishing Vision & Mission

- The department constituted a department advisory committee (DAB) comprising the Head of Department, senior faculty members, industry experts, alumni, and other stakeholders to review the existing Vision and Mission statements.
- The existing Vision and Mission statements were reviewed in light of the institute's vision, recent technological advancements, industry requirements, societal needs, and outcome-based education practices.
- Feedback and suggestions were collected from stakeholders such as students, faculty, alumni, parents, employers, and industry representatives through meetings, interactions, and feedback mechanisms.
- The department analysed the relevance, clarity, and applicability of the existing Vision and Mission statements with respect to the current academic and industry scenario.
- The analysis indicated that the existing Vision and Mission statements continue to be relevant and aligned with the department's objectives, institutional goals, Program Outcomes (POs), and stakeholder expectations.

- As the statements adequately reflected the department's long-term goals and commitment towards quality technical education, no modifications were required during the second accreditation cycle.
- The continuation of the existing Vision and Mission statements was discussed and approved in the program assessment committee (PAC) meeting and endorsed by the Institutional Academic Monitoring Committee and Principal.

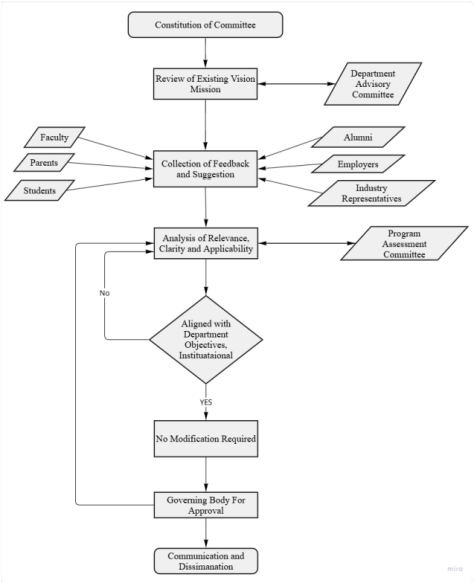


Fig. 1.4.1 Process of Vision & Mission Establishment

Process for defining the PEOs

- The department constituted a department advisory committee (DAB) committee comprising the Head of Department, senior faculty members, industry experts, alumni, employers, and academic representatives to review the existing Program Educational Objectives (PEOs).
- The existing PEOs were reviewed considering the Vision and Mission of the department and institute, curriculum structure, industry requirements, technological advancements, and societal needs.
- Feedback and suggestions were collected from stakeholders such as students, alumni, employers, parents, industry experts, and faculty members through surveys, meetings, alumni interactions, and employer feedback.
- The department analyzed the relevance and effectiveness of the existing PEOs with respect to graduate employability, higher education opportunities, entrepreneurship, professional ethics, lifelong learning, and industry expectations.
- Mapping of PEOs with Program Outcomes (POs), Program Specific Outcomes (PSOs), and institutional objectives was carried out to ensure alignment with outcome-based education practices.
- The review indicated that the existing PEOs continue to be relevant, measurable, and aligned with stakeholder expectations and emerging technological trends. Therefore, no major changes were required during the second accreditation cycle.
- The finalized PEOs were discussed and approved in the Department Advisory Board (DAB)/Program Assessment Committee (PAC) meeting and subsequently endorsed by the Head of Institution.

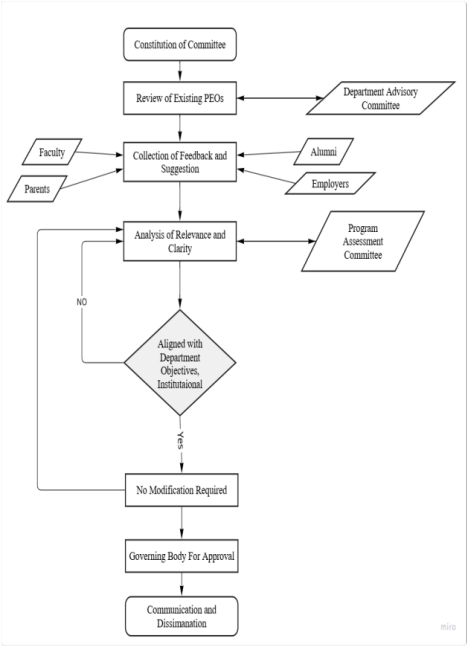


Fig 1.4.2 Process of Establishing PEOs

1.5 Establish Consistency of PEOs with Mission of the Department (15) **Total Marks 15.00**

Institute Marks
15.00

Table no 1.5.1 Matrix of PEOs and elements of Mission statement

MISSION	**M1:**Balanced theoretical and Practical knowledge through effective teaching learning process	**M2:**Constructive environment with opportunities in industry	**M3:**Professional skill and productive citizen
PEO1: Ability to solve technical problem individually or as a team in the field of	3	2	2

Mechanical engineering.			
PEO2: Apply creative and innovative idea translating into working model, prototypes	3	3	2
PEO3: To lay a firm foundation of basic knowledge and practical skills for higher education, professional skills for industry.	3	2	3

Table no 1.5.2 Consistency / Justification:

PEOs	M1	M2	M3	
PEO1	**3**	**2**	**2**	• **M1** supports to PEO1 at high level, as it develops student's ability to solve technical problem. • **M2** support to PEO1 at medium level, as at provides the opportunities to student to take actual experience in industry.
PEO2	**3**	**3**	**2**	• **M1** supports to PEO2 at high level, as it develops the ability to apply their knowledge in real time industry. • **M2** supports to PEO2 at high level, as it provides industry exposure and scope for application of knowledge. • **M3** upholds the need of being professional and productive citizen by providing solutions for social and industrial requirements
PEO3	**3**	**3**	**3**	• To pursue higher education foundation of basic knowledge and basic skills is must hence **M1** supports the PEO3 at high level. • Practical knowledge as apply and create & professional skills could be honed in an apt environment, Thus **M2** supports it at medium level. • Professional skills lead **(M3)** to technical competencies (PEO3) and make students productive units of industry serving society.

PEO Statements	M1	M2	M3
Ability to solve technical problems individually or as a team in the field of mechanical engineering	3	2	2
Apply creative and innovative ideas translating in working models, prototypes	3	3	2
To lay a firm foundation of basic knowledge and practical skills for higher education, professional skills for industry	3	3	3

2 PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (200)

Total Marks 183.00

2.1 Program Curriculum (40)

All POs and PSOs are being demonstrably met through Curriculum ? : NO

2.1.1 State the process used to identify extent of compliance of the Board curriculum for attaining the Program Outcomes (POs) and Program Specific Outcomes (PSOs) as mentioned in AnnexureI. Also mention the identified curricular gaps, if any (25)

Institute Marks

22.00

A. Process used to identify extent of compliance of curriculum for attaining POs & PSOs (15)

Institute Marks

13.00

The Marathwada Mitra Mandal's Polytechnic is affiliated to Maharashtra State Board of Technical Education Mumbai. The curriculum and teaching examination scheme of the program is prescribed by the affiliating board.

- **MSBTE Curriculum Revision Process**
  - The curriculum prescribed by the Maharashtra State Board of Technical Education (MSBTE) is systematically revised every five years.
  - The revision process incorporates feedback from key stakeholders, including:
    - Industry experts
    - Alumni
    - Academic institutions
    - Subject specialists
    - Employers and professional bodies
  - A systems approach is adopted to ensure the curriculum remains:
  - Industry-relevant
  - Academically comprehensive
  - Professionally updated
  - Socially responsive
- **Implementation of Successive Curriculum Schemes**
- **I-Scheme** introduced from Academic Year **2017–18**
- **K-Scheme** introduced from Academic Year **2023–24**
- Each revised scheme:
  - Identifies deficiencies in the previous curriculum
  - Introduces updated technologies and practices
  - Strengthens academic rigor and employability
- The curriculum ensures an appropriate balance among:
  - Professional core courses
  - Basic sciences
  - Humanities and social sciences
  - Skill-based learning components
- This balanced structure supports holistic student development.

Process used to identify extent of compliance of curriculum for attaining POs & PSOs

- The extent of compliance of the curriculum in attaining the Program Outcomes (POs) and Program Specific Outcomes (PSOs) is identified through outcome based system

- Course Outcomes (COs) of each course are mapped with relevant POs and PSOs using defined correlation levels. i.e. 3 -High, 2-Medium, 1-Low
- CO attainment is measured using direct assessment tools such as internal and external assessments.
- Internal assessment includes class test, laboratory work, Self learning assessment and microprojects. Whereas external assessment includes practical and theory end-semester examinations.
- For CO attainment internal assessment -30% and external assessment- 70%

- The attained CO levels are aggregated through CO–PO and CO–PSO mappings to compute PO and PSO attainment levels.
- The attained levels of Course Outcomes (COs) and Program Outcomes (POs) are systematically compared with predefined target values to assess curriculum compliance. Any gaps identified through this evaluation are analyzed, and corrective measures are implemented as part of the continuous improvement process. These measures include add-on courses, value-added programs, guest lectures by industry experts, industrial visits, and internships, ensuring that students acquire the necessary knowledge, skills, and professional competencies beyond the prescribed syllabus.
- PO/PSO attainment is reviewed every semester.
- Corrective actions are discussed in departmental meetings.

B. List the curricular gaps for the attainment of POs & PSOs (10) Institute Marks 9.00

Curricular Gap Identification:

Total No. of Course: 45

Program Outcome/ Program Specific Outcome	Weightage (PO count) based on the mapping of Course	Weightage (PSO count) based on the mapping of Course	Percentage
PO1: Basic and Discipline specific knowledge	45	--	100
PO2: Problem analysis	43	--	95.56
PO3: Design/ development of solutions	35	--	77.78
PO4: Engineering Tools, Experimentation and Testing	40	--	88.89
PO5: Engineering practices for society, sustainability and environment	24	--	53.33
PO6: Project Management	25	--	55.56
PO7: Life-long learning	41	--	91.11
PSO1: Maintenance of equipment & Instruments	--	33	73.33
PSO2: Modern Software Usage	--	27	60.00

No. of courses mapped with PO/PSO

Percentage of courses mapping with PO/PSO= ----------

Total no. of courses in curriculum

If percentage of course mapped with PSO's is less than 70%, it is identified as curriculum gap.

The following POs and PSOs are identified as curricular gaps are obtained from the table

- **PO5:** Engineering practices for society, sustainability and environment
- **PO6:** Project Management
- **PSO2:** Modern Software Usag

PO 5 Engineering Practices for Society, Sustainability and Environment:

- Limited curriculum coverage on sustainable engineering practices and green technologies.
- Insufficient exposure to renewable energy systems and energy conservation techniques.

PO 6 Project Management:

- Limited exposure to project planning, scheduling, and resource management techniques.
- Insufficient practical training in project documentation, budgeting, and risk assessment.
- Students require improvement in leadership, teamwork, and decision-making skills.

PSO 2 Modern Software Usage:

- Limited exposure to advanced industry-oriented software tools in the prescribed curriculum.

CAY 2025-26:

Sr. No.	Course	Gap
1	Mechanical Engineering Material	Material Testing- Destructive and Non destructive Testing
2	Entrepreneurship Development	Project Management
3	Power Plant Engineering	High Pressure Boiler
4	Industrial Engineering & Quality Control	Lean Six Sigma Yellow Belt
5	Emerging Trends in Mechanical Engineering	Industrial Automation

CAYm1 2024-25:

Sr. No.	Course	Gap
1	Emerging Trends in Mechanical Engineering	Latest Trends in EV
2	Mechanical Engineering Material	Application of Heat Treatment processes
3	Industrial Engineering & Quality Control	Lean Six Sigma Yellow Belt/Design of Experiment- DOE
4	Industrial Engineering & Quality Control	Quality Control, CMM & its applications
5	Solid Modeling & Additive Manufacturing	Solid works and modeling
6	Power Engineering & Refrigeration	Heating & Ventilation of air conditioning

CAYm2 2023-24:

Sr. No.	Course	Gap

1	Advanced Manufacturing Processes	Application of non-conventional machining processes
2	Mechanical Engineering Material	Application of Heat Treatment processes
3	Industrial Engineering & Quality Control	Lean Six Sigma Yellow Belt/ Design of Experiment- DOE
4	Applied Physics	Introduction and application of Nanotechnology
5	Mechanical Engineering Material	Material Testing- Destructive and Non-destructive Testing

2.1.2 Contents beyond the Syllabus (15)

Institute Marks
14.00

A. Steps taken to get identified gaps included in the curriculum (eg. letters to Board) (2)

Institute Marks
2.00

- **Total No. of Course: 45**

Program Outcome/ Program Specific Outcome	Weightage (PO count) based on the mapping of Course	Weightage (PSO count) based on the mapping of Course	Percentage
PO1: Basic and Discipline specific knowledge	45	--	100
PO2: Problem analysis	43	--	95.56
PO3: Design/ development of solutions	35	--	77.78
PO4: Engineering Tools, Experimentation and Testing	40	--	88.89
PO5: Engineering practices for society, sustainability and environment	24	--	53.33
PO6: Project Management	25	--	55.56
PO7: Life-long learning	41	--	91.11
PSO1: Maintenance of equipment & Instruments	--	33	73.33
PSO2: Modern Software Usage	--	27	60.00

Percentage of courses mapping with PO = (No. of courses mapped with PO) / (Total no. of courses in curriculum)

If percentage of course mapped with PO's is less than 70%, it is identified as curriculum gap.

B. Delivery details of content beyond syllabus (10)

Institute Marks
9.00

Delivery Details of Content Beyond Syllabus:

CAY (2025-26):

Sr.No.	Gap	Action Taken	DD-MM-YY	Resource Person with Designation	Mode	No.of Students Present	Relevance to POs and PSOs
1	Material Testing-Destructive and Non destructive Testing	Industrial Visit at NDT Metal Solution Laboratory	12/07/2025	Mr.D.M. Sonar-Director NDT Lab	Offline	24	PO1, PO2, PO3, PO5, PO6,PSO2
2	Project Management	Guest Lecture	13/09/2025	Mr. Pranay Subhedar-Senior Design Engineer	Offline	32	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2
3	High Pressure Boiler	Industrial Visit at Katraj Dairy	04/10/2025	Ms.Archana Narute-technical Expert	Offline	25	PO1, PO5, PO6
4	Lean Six Sigma Yellow Belt	Workshop	08/09/2025-09/09/2025	Mr. Santosh Awasarkar-Director Pursullence GBS LLP	Offline	33	PO1, PO2, PO3, PO6, PSO2
5	Industrial Automation	Guest Lecture	01/08/2025	Mrs. Rekha Pawar-Trainer Arthtect Automation	Offline	36	PO1,PO2, PO6, PSO2

CAY m1 (2024-25):

Sr.No.	Gap	Action Taken	DD-MM-YY	Resource Person with Designation	Mode	No.of Students Present	Relevance to POs and PSOs

1	Latest Trends in EV	Guest Lecture	04/02/2025	Mrs. Aarti Soni-Techanical Expert	Offline	31	PO1, PO2, PO7
2	Application of Heat Treatment processes	Industrial Visit at pune Bhat Metals	05/02/2025	Mr. Pravin Sonigram-Operational Head Pune Bhat Metals	Offline	31	PO1, PO2, PO5, PO6
3	Lean Six Sigma Yellow Belt	Workshop	01/08/2024-02/08/2024	Mr.Santosh Awasarkar-Director Pursullence GBS LLP	Offline	31	PO1, PO2, PO3, PO6, PSO2
4	Quality Control, CMM & its applications	Industrial Visit at Inspatech Engineering	27/02/2025	Mr. Amol Shinde- Director Inspatech Engineering	Offline	25	PO1, PO2, PO6, PSO1, PSO2
5	Solid Modeling & Additive Manufacturing	Workshop	31/08/2024-01/09/2024	Mr. Abhishek-Technical Expert EV Robotics	Offline	16	PO1, PO2, PO3, PO6, PSO2
6	Power Engineering & Refrigeration	Workshop	27/09/2024-28/09/2024	PCETs Pimpri Chinchwad College of Engineering & Research, Ravet	Offline	36	PO1, PO2, PO5, PO6

CAY m2 (2023-24):

Sr.No.	Gap	Action Taken	DD-MM-YY	Resource Person with Designation	Mode	No.of Students Present	Relevance to POs and PSOs
1	Application of non-conventional machining processes	Guest Lecture	03/08/2023	Mr. Mangesh Thorat- Director	Offline	17	PO1, PO2, PO5, PO6, PSO1, PSO2
2	Application of Heat Treatment processes	Industrial Visit at Jyoti Heat Treatment	12/08/2023	Mr. Shakeel Sayyad- Plant Head Jyoti Heat Treatment	Offline	34	PO1, PO2,
3	Lean Six Sigma Yellow Beltt/ Design of Experiment- DOE	Workshop	28/08/2023, 29/08/2023, 01/09/2023	Mr. Santosh Awasarkar- Director Pursullence GBS LLP	Offline	22	PO1, PO2, PO3, PO6, PSO2
4	Introduction and application of Nanotechnology	Industrial Visit at ACE Kudale Car Pvt.Ltd.	04/03/2024	Mr. Sandip Shelke-Technical Head ACE Kudale Car Pvt.Ltd.	Offline	10	PO1, PO2, PO6, PO7
5	Material Testing-Destructive and Non-destructive Testing	Guest Lecture	24/08/2023	Mr.Milind Dharmadhikari-Technical Head	Offline	49	PO1, PO2, PO5, PSO2

C. Mapping of content beyond syllabus with the POs & PSOs (3)

Institute Marks
3.00

2025-26

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	Mode	No. of students present	Relevance to POs, PSOs
1	Material Testing-	Industrial Visit at	12/07/2025	Mr.D.M. Sonar- Director	Offline	24	PO1, PO2, PO3, F
2	Project Managem	Guest Lecture	13/09/2025	Mr. Pranay Subhedar- Senia	Offline	32	PO1,PO2,PO3,PO
3	High Pressure Bo	Industrial Visit at	04/10/2025	Ms.Archana Narute- Techni	Offline	25	PO1, PO5, PO6
4	Lean Six Sigma Y	Workshop	08/09/202509/09	Mr. Santosh Awasarkar- Dir	Offline	33	PO1, PO2, PO3, F
5	Industrial Automa	Guest Lecture	01/08/2025	Mrs. Rekha Pawar- Trainer	Offline	36	PO1,PO2, PO6, P

2024-25

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	Mode	No. of students present	Relevance to POs, PSOs
1	Latest Trends in I	Guest Lecture	04/02/2025	Mrs. Aarti Soni- Techanical	Offline	31	PO1, PO2, PO7
2	Application of He	Industrial Visit at	05/02/2025	Mr. Pravin Sonigram- Oper	Offline	31	PO1, PO2, PO5, F
3	Lean Six Sigma Y	Workshop	01/08/202402/08	Mr.Santosh Awasarkar- Dir	Offline	31	PO1, PO2, PO3, F
4	Quality Control, C	Industrial Visit at	27/02/2025	Mr. Amol Shinde- Director I	Offline	25	PO1, PO2, PO6, F
5	Solid Modeling &	Workshop	31/08/202401/09	Mr. Abhishek- Technical Exp	Offline	16	PO1, PO2, PO3, F
6	Power Engineerin	Workshop	27/09/202428/09	PCET's Pimpri Chinchwad C	Offline	36	PO1, PO2, PO5, F

2023-24

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	Mode	No. of students present	Relevance to POs, PSOs
1	Application of no	Guest Lecture	03/08/2023	Mr. Mangesh Thorat- Direct	Offline	17	PO1, PO2, PO5, F
2	Application of He	Industrial Visit at	12/08/2023	Mr. Shakeel Sayyad- Plant I	Offline	34	PO1, PO2
3	Lean Six Sigma Y	Workshop	28/08/202329/08	Mr. Santosh Awasarkar- Dir	Offline	22	PO1, PO2, PO3, F
4	Introduction and	Guest Lecture	04/03/2024	Ms. Jasmine Duggal- Expe	Offline	50	PO1, PO2, PO5
5	Material Testing-	Guest Lecture	24/08/2023	Mr.Milind Dharmadhikari- T	Offline	49	PO1, PO2, PO5, F

2.2 Teaching - Learning Process (160)

2.2.1 Describe Processes followed to ensure/improve quality of Teaching & Learning based on following points (25)

Institute Marks
22.00

A. Adherence to Academic Calendar (3)

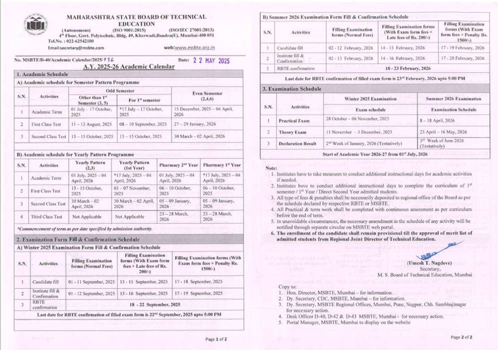
Institute Marks

3.00

MSBTE (Maharashtra State Board of Technical Education)

- This includes the board-prescribed schedule for both odd and even semester- ccommencement and end of semesters
- Examination timelines theory- first class test, second class test, end semester examination, practical examination
- Examination form fill and confirmation schedule
- Result declaration & start of the next academic year

MSBTE Academic Calender:



MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION

(Autonomous) (ISO 9001:2015) (ISO/IEC 27001:2013)

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No. MSBTE/D-40/Academic Calendar/2025/ 136 Date: 22 MAY 2025

A.Y. 2025-26 Academic Calendar

1. Academic Schedule

A) Academic schedule for Semester Pattern Programme

S.N.	Activities	Odd Semester: Other than 1st Semester (3, 5)	Odd Semester: For 1st semester	Even Semester (2,4,6)
1	Academic Term	01 July – 17 October, 2025	*17 July – 17 October, 2025	15 December, 2025 – 04 April, 2026
2	First Class Test	11 – 13 August, 2025	08 – 10 September, 2025	27 – 29 January, 2026
3	Second Class Test	13 – 15 October, 2025	13 – 15 October, 2025	30 March – 02 April, 2026

B) Academic schedule for Yearly Pattern Programme

S.N.	Activities	Yearly Pattern (2,3)	Yearly Pattern (1st Year)	Pharmacy 2nd Year	Pharmacy 1st Year
1	Academic Term	01 July, 2025 – 04 April, 2026	*17 July, 2025 – 04 April, 2026	01 July, 2025 – 04 April, 2026	*17 July, 2025 – 04 April, 2026
2	First Class Test	13 - 15 October, 2025	03 – 07 November, 2025	06 – 10 October, 2025	06 – 10 October, 2025
3	Second Class Test	30 March – 02 April, 2026	30 March – 02 April, 2026	05 – 09 January, 2026	05 – 09 January, 2026
4	Third Class Test	Not Applicable	Not Applicable	23 – 28 March, 2026	23 – 28 March, 2026

Commencement of term as per date specified by admission authority.

2. Examination Form Fill & Confirmation Schedule

A) Winter 2025 Examination Form Fill & Confirmation Schedule

S.N.	Activities	Filling Examination forms (Normal Fees)	Filling Examination forms (With Exam form fees + Late fees of Rs. 200/-)	Filling Examination forms (With Exam form fees + Penalty Rs. 1500/-)
1	Candidate fill	01 - 11 September, 2025	13 - 15 September, 2025	17 - 18 September, 2025
2	Institute fill & Confirmation	01 - 12 September, 2025	13 - 16 September, 2025	17 - 19 September, 2025
3	RBTE confirmation	18 - 22 September, 2025		

Last date for RBTE confirmation of filled exam form is 22nd September, 2025 upto 5:00 PM

Page 1 of 2

B) Summer 2026 Examination Form Fill & Confirmation Schedule

S.N.	Activities	Filling Examination forms (Normal Fees)	Filling Examination forms (With Exam form fees + Late fees of Rs. 200/-)	Filling Examination forms (With Exam form fees + Penalty Rs. 1500/-)
1	Candidate fill	02 - 12 February, 2026	14 - 15 February, 2026	17 - 19 February, 2026
2	Institute fill & Confirmation	02 - 13 February, 2026	14 - 16 February, 2026	17 - 20 February, 2026
3	RBTE confirmation	18 - 23 February, 2026		

Last date for RBTE confirmation of filled exam form is 23rd February, 2026 upto 5:00 PM

3. Examination Schedule

S.N.	Activities	Winter 2025 Examination: Exam schedule	Summer 2026 Examination: Examination Schedule
1	Practical Exam	28 October – 06 November, 2025	8 – 18 April, 2026
2	Theory Exam	11 November – 3 December, 2025	23 April – 16 May, 2026
3	Declaration Result	2nd Week of January, 2026 (Tentatively)	3rd Week of June 2026 (Tentatively)

Start of Academic Year 2026-27 from 01st July, 2026

Note:

1. Institutes have to take measures to conduct additional instructional days for academic activities if needed.
2. Institutes have to conduct additional instructional days to complete the curriculum of 1st semester / 1st Year / Direct Second Year admitted students.
3. All type of fees & penalties shall be necessarily deposited to regional office of the Board as per the schedule declared by respective RBTE or MSBTE.
4. All Practical & term work shall be completed with continuous assessment as per curriculum before the end of term.
5. In unavoidable circumstances, the necessary amendment in the schedule of any activity will be notified through separate circular on MSBTE web portal.
6. **The enrollment of the candidate shall remain provisional till the approval of merit list of admitted students from Regional Joint Director of Technical Education.**

(Umesh T. Nagdeve)
Secretary,
M. S. Board of Technical Education, Mumbai

Copy to:

1. Hon. Director, MSBTE, Mumbai – for information.
2. Dy. Secretary, CDC, MSBTE, Mumbai – for information.
3. Dy. Secretary, MSBTE Regional Offices, Mumbai, Pune, Nagpur, Chh. Sambhajinagar for necessary action.
4. Desk Officer D-40, D-42 & D-43 MSBTE, Mumbai - for necessary action.
5. Portal Manager, MSBTE, Mumbai to display on the website

Page 2 of 2

Institutional & Departmental Calender:

The institute and department follow a structured process for planning and implementing academic activities through well-defined academic calendars.

- The academic calendar of the institute is prepared in alignment with the guidelines provided by the *Maharashtra State Board of Technical Education (MSBTE)*.
- The **Institute Academic Calendar** is prepared by the Principal in consultation with all Heads of Departments (HODs), ensuring uniformity and effective coordination across departments.
- Based on the institute calendar, each department prepares its **Departmental Academic Calendar** under the guidance of the HOD, in consultation with faculty members and laboratory assistants.
- The departmental calendar incorporates all academic and co-curricular activities in a systematic manner.

The **Departmental Academic Calendar** typically includes:

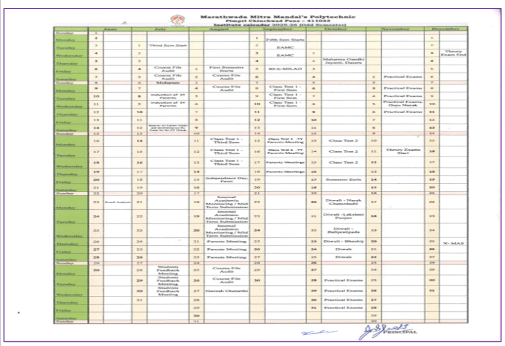
- Planning of guest lectures, workshops, and seminars
- Industrial visits and field activities
- Co-curricular and extracurricular activities

At the beginning of each academic session, both the **Institute Academic Calendar** and **Departmental Academic Calendar** are:

- Displayed on institute and departmental notice boards
- Shared with students and staff to ensure awareness and adherence

This systematic approach ensures effective academic planning, smooth execution of activities, and timely completion of the curriculum.

Institute Academic Calender:

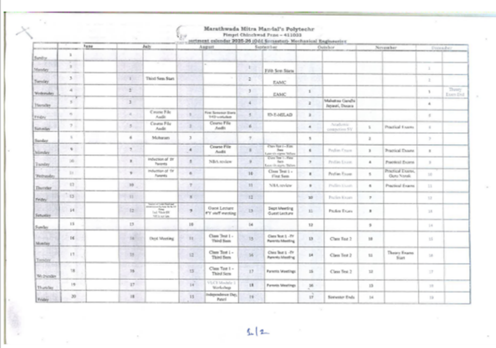


Marathwada Mitra Mandal's Polytechnic

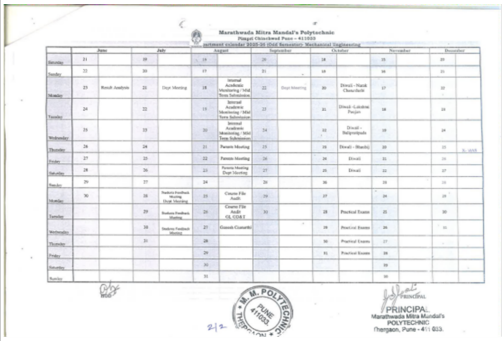
Pimpri Chinchwad Pune – 411033

Institute calendar 2025-26 (Odd Semester)

Departmental Academic Calender:



Marathwada Mitra Mandal's Polytechnic


Marathwada Mitra Mandal's Polytechnic

PRINCIPAL
Marathwada Mitra Mandal's
POLYTECHNIC
Thergaon, Pune - 411 033.

B. Use of various instructional planning and delivery methods (3)

Institute Marks

3.00

1. Introduction

The institute adopts a systematic and student-centric approach to enhance the quality of teaching–learning in line with the curriculum prescribed by Maharashtra State Board of Technical Education. Various instructional planning and delivery methods are implemented to address diverse learning needs and improve student engagement.

2. Instructional Planning Methods

2.1 Teaching Plan and Practical Plan

Faculty members prepare:

- Semester Teaching Plans based on academic calendar

Plans include:

- Learning objectives (Course Outcomes)
- Teaching methods to be used
- Teaching aids required

2.2 Course File Preparation

Each faculty maintains a Course File containing:

- Curriculum
- CO statements
- CO–PO/PSO mapping
- Teaching plan and Practical plan
- Project target result with action plan
- Theory & Practical Attendance
- Continuous Assessment
- Class test question paper & model answer
- Subjected related notes
- Question banks and assignments
- Previous question papers
- CO-PO Attainment

3. Instructional Delivery Methods

3.1 Traditional Teaching Methods

- Chalk-and-talk method for fundamental concepts
- Board work for problem-solving subjects
- Interactive questioning during lectures

3.2 ICT-Enabled Teaching

- Use of:
  - PowerPoint presentations
  - Video lectures and animations
  - Smart classrooms and projectors

3.3 Experiential Learning

- Laboratory experiments aligned with theory subjects
- Micro-projects
- Industrial visits to bridge the gap between theory and practice

3.4 Participative Learning

- Group discussions and seminars
- Student presentations
- Peer learning activities

4. Monitoring and Evaluation

- Regular review of teaching methods through:
  - HOD observations
  - Academic audits
  - Student feedback

5. Continuous Improvement Measures

- Incorporation of feedback into teaching practices
- Faculty development programs (FDPs)
- Adoption of innovative pedagogies

Course File Index Page:


MARATHWADA MITRA MANDAL'S POLYTECHNIC,
PIMPRI-CHINCHWAD, PUNE-33

COURSE FILE

Doc. No.: AMC-Course File -01 | Rev. No.: 01
PAGE 1 of 1 | Rev. Dt.: 06/06/25

INDEX

ACADEMIC YEAR:- 2025-26

PROGRAM: - MECHANICAL ENGINEERING

Sr no	Particulars
1	Institute & Department Vision Mission
2	MSBTE Academic Calendar
3	Institute Calendar
4	Department Calendar
5	Individual Time Table
6	Curriculum
7	CO - POs -PSO mapping & Justification
8	Previous year CO-PO attainment sheet
9	Projected target result with action plan.
10	Teaching Plan
11	Practical Plan
12	Attendance Theory
13	Attendance Practical
14	Rubrics for assignment of practical's (if MSBTE Manual not available)
15	Continuous Assessment
16	MSBTE Previous Question Papers
17	Class Test Question Paper
18	Class test paper Model Answer
19	Class Test Mark list
20	Weak and Bright Student Identification Process.
21	Action taken on poor student
22	Subject Related Notes with question Bank
23	CO - PO Attainment
24	Content beyond syllabus and action taken documents (if require)

Teaching Plan:

For AICTE Diploma Engineering Courses

With Effect From 2023-24

K1

Maharashtra State Board of Technical Education

LABORATORY/ASSIGNMENT /SHEET/ JOB/PROJECT ACTIVITY PLANNING (LP)

Institute Name: **Marathwada Mitra Mandal's Polytechnic**
Academic Year: **2025-26**
Program: **Mechanical Engineering** Course: **TOM** Course Code: **313313**
Semester: **IV**

Chapter No. (Allocated Hrs)	CO	TLO	Title/Details	Plan From	Plan To	Actual Execution From	Actual Execution To	Pedagogy used (Teaching Method / Media)	Remark
01 (16)	CO1	1.1	**Fundamentals and Types of Mechanism:** Kinematics of Machines: - Definition of statics, Dynamics, Kinematics, Kinetics, Kinematic link and its types	15/12/25	13/01/26	15/12/25	15/12/25	Board, chalk, duster, notes	completed
		1.1	Kinematic pair and its types, constrained motion and its types			15/12/25	15/12/25		completed
		1.3	Kinematic chain (locked chain, constrained chain and unconstrained chain with equation)			16/12/25	16/12/25		completed
		1.4	Degree of freedom (Kutzbach equation)			30/12/25	31/12/25		completed
		1.5	Mechanism and Inversion: Mechanism and Inversion of Mechanism, Difference between machine and structure			05/01/26	05/01/26		completed
		1.6	Inversion of Kinematic Chain a) Inversion of four bar chain: Beam engine			05/01/26	05/01/26		completed

(Name & Signature of Faculty) Mr. M. G. Dandge

M. M. POLYTECHNIC PUNE 411033 THERGAON

(Name & Signature of HOD) Mr. P. M. Dumbre

Practical Plan:

For AICTE Diploma Engineering Courses

K2- (Part A)
wef - 2023-24

Maharashtra State Board of Technical Education
LABORATORY PRACTICAL PLANNING

Institute Name:M.M.Polytechnic
Academic Year 2025-26 Programme:ME2K Rashmi R. Jadhav Course: EGM
Semester:II
Course Code:312312 Batch: M1

Sr. No.	LLO	Practical Title / Tutorial Title	Planned Date	Performance Date	Remarks	Related self- learning (if any)
01	LLO1.1	Collect the photographic information of Indian knowledge system (IKS) given in various unit	17/12/25	17/12/25	C	
02	LLO2.1	*Determine mechanical advantage and velocity ratio of differential axle and wheel for different load and efforts.	24/12/25	17/12/25	C	
03	LLO3.1	Determine mechanical advantage and velocity ratio of worm and worm wheel for different load and efforts	31/12/25	07/1/26	C	
04	LLO4.1	Determine mechanical advantage and velocity ratio of single purchase crab winch for different load and efforts.	7/1/25	14/1/26	C	
05	LLO4.1	Determine mechanical advantage and velocity ratio of double purchase crab winch for different load and efforts.	14/1/26	21/1/26	C	
06	LLO5.1	*Determine mechanical advantage and velocity ratio of simple screw jack for different load and efforts.	21/1/26	28/1/26	C	
07	LLO6.1	Determine mechanical advantage and velocity ratio of Weston's differential pulley block for different loading conditions.	28/1/26	11/2/26	C	
08	LLO9.1	*Verify law of polygon of forces using Universalforce table for given forces.	4/2/26	11/2/26	C	
09	LLO10.1	*Verify law of moment of forces using law ofmoment apparatus for given forces	11/2/26	11/2/26	C	
11	LLO11.1	*Verify the Lamis theorem using Universal forcetable apparatus for given forces..	18/2/26	25/2/26	C	
12	LLO12.1	*Determine support reactions of simply supported beam using parallel force or beam reaction apparatusfor given vertical forces.	25/2/26	25/2/26	C	6 problems solved by student
13	LLO13.1	*Determine coefficient of friction using friction apparatus for given block on horizontal plane.	4/3/26	4/3/26	C	3 problems solved by case I & case II
14	LLO14.1	Determine coefficient of friction using friction apparatus for given block on inclined plane.	11/3/26	4/3/26		
15	LLO15.1	*Verify centroid of plane figure of given dimensions by making simple paper model	18/3/26	24/3/26	C	

Signature of Faculty
Name: R. R. Jadhav

M. M. POLYTECHNIC PUNE 411033 THERGAON

Signature of HoD
Name: (Mr. P. M. Dumbre)

Mid-Term Audit Report:

“येथे बहुतांचे हित”

MARATHWADA MITRA MANDAL'S POLYTECHNIC,
PIMPRI CHINCHWAD, PUNE-33

Academic Year: EVEN SEM 2023-24 **Date-** 26/2/24

Name of staff- Chaudhari A-A **Department-** Mechanical

Course name- CAD (22042), IHP (22651) **Class-** S.Y ME, TYME **Total no. Students in class-** SY 42, TY 23.

Mid Term Academic Audit

Sr No	Unit test 1 Question paper & marksheet Available or not	No. of answer papers of Unit test 1	Unit test 2 Question paper & marksheet Available or not	No. of answer papers of Unit test 2	Class Test 1 Question paper & marksheet Available or not	No. of answer papers assessed of Class test 1	No. of Students who submitted Mirco project reports	No. of manuals shown (50% from total practical's must be assessed)
1	CAD (PR) (SY)	NA	NA	NA	NA	NA	8	14 Available ~~4 assessed (4 practicals)~~ 4 sheets checked (4 practical/7 checked)
2	IHP (TH) (TY) (PR) ✓ (10)	8	✓ (13)	11	✓ (22)	22	12	13 (06/12 practicals assessed)

& BME (EE2K) - Audit not done - Done in Round 2

Dr. M. C. Lalle
Name & Sign of Auditor

HOD

M. M. POLYTECHNIC PUNE 411033 THERGAON

PRINCIPAL

C. Methodologies to support weak students and encourage bright students (4)

Institute Marks
4.00

Identification of Weak Students-

Students are identified as weak based on:

- Performance in unit tests / Pre requisite tests.(Below 40%)
- Poor attendance percentage
- Slow grasping ability observed by course instructors
- Backlogs in previous semesters

Weak Student Support Strategy: -

- Each batch of students is assigned a faculty mentor to ensure continuous monitoring of academic progress, attendance, examination performance, and overall development.
- Regular fortnightly meetings are conducted for review and personalized guidance. Individual counselling and support are also provided to address academic, personal, and career-related concerns.
- Motivational and Psychological support for confidence building and Study technique
- Students' performance in internal examinations is continuously reviewed, and necessary guidance and corrective counselling are provided by the course coordinator.
- Additional or remedial classes are organized to strengthen understanding of subjects. Topic-based assignments are given to enhance subject knowledge and clarity.
- Regular practice is provided for solving numerical problems and drawing diagrams.
- Previous board examination question papers along with model answers are shared for better exam preparation.
- Students are motivated to maintain consistent attendance in regular classes.

Identification of Bright Student:

Students are identified as bright based on:

- Performance in unit tests / Pre requisite tests (Above 60%)
- Consistent academic performance
- Active classroom participation
- Punctuality in given task are identified as bright students

Encourage Bright Students: -

- Encourage active participation in state-level, national-level, and inter-college events to widen their experience and competitive spirit.
- Promote involvement in project exhibitions, technical paper presentations, quiz contests, and sports competitions to support both academic and extracurricular abilities.
- Motivate students to attend training programs, seminars, workshops, and internships to enhance their practical knowledge and professional exposure.
- Assign specific topics or responsibilities to students to help develop their confidence, communication skills, and leadership qualities in the classroom.

- Recognize and honor outstanding students during special occasions to appreciate their achievements and inspire others.

Impact Encouraged Bright Student

Students Achievements / participation in inter college national / international projects and events

CAY (2025-26)

Table no 2.2.1 C Impact Encouraged Bright Student

Sr.No.	Date	Type of Activity and Details	Organizing Body/ Conducted by Level			Name/s and Enroll No. of the Participant/s	Award/ Prize	Relevance To Pos and PEO
			Institute	MSBTE	Any Other			
1	09/01/2026	Technical Quiz Competition	--	Government PolytechnicAwasari	--	**1.** Somvanshi Mayur Jitendra 23212280440 **2.** Swaraj Sachin Barkund 23212280445	Participation	PO1, PO6,PO7
2	28/01/2026-01/03/2026	Project Competition	--	--	GMRT, Khodad, Pune	**1.**Dhiware Arjun Sanjay 23212280405 **2.**Jadhav Ayush Dattatraya 23212280412	Participation	PO1, PO2, PO5, PO6, PO7, PEO1, PEO2
3	28/01/2026-01/03/2026	Project Competition	--	--	GMRT, Khodad, Pune	**1.**Chaudhari Nilesh Kishor 23212280399 **2.**Salimath Ashwith Rahul 23212280434	Participation	PO1, PO2, PO5, PO6, PO7, PEO1, PEO2
4	14/03/2026	NxtGen 2K26-Project Competition	M.M. Polytechnic	--	--	**1.** Gorkhe Shubham Kalurama 2209890076 **2.** Jagtap Avishkar Arvind 2209890081 **3.** Shinde Ayush Goraksh 2209890116	Third Prize	PO1, PO2, PO5, PO6, PO7, PEO1, PEO2

D. Quality of classroom teaching (3)

Institute Marks

2.00

The Teaching-Learning Scheme in the MSBTE curriculum is a structured framework that outlines how instructions are organized to achieve the intended learning outcomes of each course.

- Effective Teaching Learning Process:
  - Structured teaching plans aligned with curriculum objectives.
  - Appropriate instructional methods for effective delivery.
  - Timely completion of syllabus.
  - Clear and understandable concept explanation.
- Use of Modern Teaching Aids:
  - PowerPoint presentations for effective content delivery.
  - Smart boards and projectors for visual learning.
  - Audio-visual resources to enhance understanding.
  - Simulation and software tools for practical exposure.
- Student Engagement:
  - Interactive classroom discussions.
  - Question-answer sessions during lectures.
  - Problem-solving activities.
  - Practical application of theoretical knowledge.
- Faculty Competence:
  - Qualified and experienced faculty members.
  - Strong subject expertise.
  - Updated technical knowledge with industry exposure.
- Assessment and Feedback:
  - Regular tests and quizzes.
  - Assignments and tutorial sessions.
  - Continuous internal assessment.
  - Student feedback analysis for improvement.
  - Corrective measures based on performance review.
- Learning Environment:
  - Discipline and punctuality in academic activities.
  - Adequate classroom infrastructure.
  - Proper lighting and ventilation for a conducive learning atmosphere.

Classroom Teaching

E. Conduct of experiments (3)

Institute Marks

2.00

- Experiments are conducted as per the curriculum and laboratory timetable.
- Laboratory manuals and experiment procedures are made available to students.
- Faculty performs experiments in advance to verify equipment functionality and expected outcomes.
- Proper briefing of objectives, theory, procedure, and precautions is provided before conducting experiments.
- Safety norms and good laboratory practices are strictly followed.
- Adequate instruments, tools, consumables, and test rigs are available for smooth conduct of practicals.
- Students perform experiments individually/in groups with active participation.
- Observation and interpretation of results are emphasized.
- Faculty members provide continuous guidance and Lab assistant provide technical support during practical sessions.
- Viva-voce, manual checking, and practical assessments are conducted regularly.
- Maintenance and calibration of laboratory equipment are carried out periodically.
- Laboratory records, manuals, and stock registers are properly maintained.
- ICT tools, simulation software, and modern teaching aids are used wherever applicable.
- Practical sessions focus on skill development and industry-oriented learning.
- Cleanliness, discipline, and proper utilization of laboratory resources are ensured.
- Minimum 80% or more practical activities should be conducted.

Conduction of Experiments

F. Continuous Assessment in the laboratory (3)

Institute Marks
3.00

Continuous assessment system implemented for assessment of laboratory work.

Formative Assessment of Practical (FA-PR): The Formative Assessment for practical (FA-PR) is structured to ensure continuous evaluation of student's Psychomotor skills , Cognative skills in the laboratory

Practical performed by students are continuously assessed in the laboratory. The assessment is done on the basis of process related (10 Marks/40%) and product related (15 Marks/60%). The marks allocated are as per the Learning Assessment scheme of the course.

Summative Assessment of Practical (SA-PR): Practical Exams are conducted at the end of the semester and scores are awarded as per the performance of the studentsl. The assesment is either externel or internal as per the directives of MSBTE. The marks are allocated are as per the Learning Assessment scheme of the course.

Quality of assesment is ensured by considering the performance indicaters as given below.

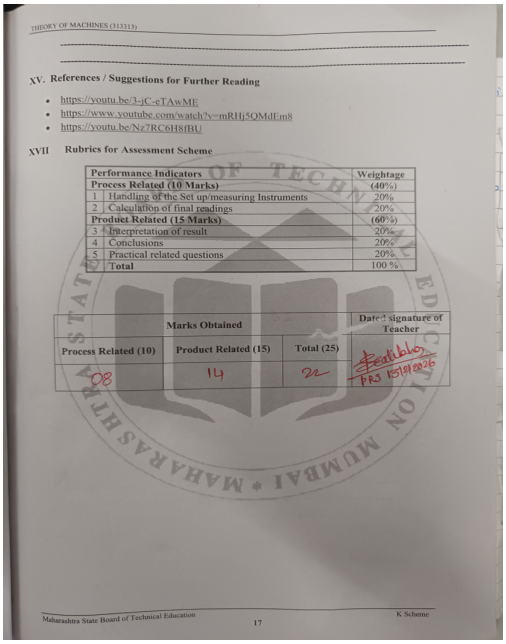
Rubrics for Assessment Scheme

Table no 2.2.1 F Rubrics for Assessment Scheme

Performance Indicators		Weightage
Process Related (10 Marks)		**(40%)**
1	Handling of the set up/measuring instruments	20%
2	Calculation of final readings	20%
Product Related (15 Marks)		**(60%)**
3	Interpretation of result	20%
4	Conclusions	20%
5	Practical related questions	20%
	Total	**100%**

Marks Obtained			Dated Signature of Teacher
Process Related (10)	**Product Related (15)**	**Total (25)**	

Individual Assessment:



THEORY OF MACHINES (313313)

XV. References / Suggestions for Further Reading

- https://youtu.be/3-jC-eTAwME
- https://www.youtube.com/watch?v=mRHj5QMdEm8
- https://youtu.be/Nz7RC6H8fBU

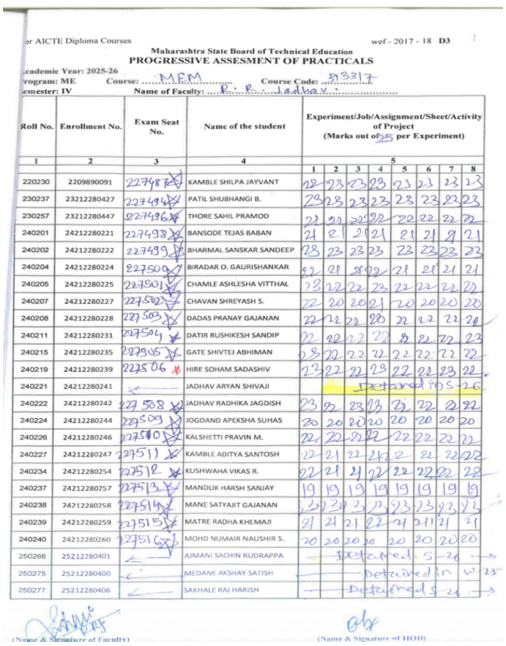
XVII Rubrics for Assessment Scheme

Performance Indicators		Weightage
Process Related (10 Marks)		(40%)
1	Handling of the Set up/measuring Instruments	20%
2	Calculation of final readings	20%
Product Related (15 Marks)		(60%)
3	Interpretation of result	20%
4	Conclusions	20%
5	Practical related questions	20%
Total		100 %

Marks Obtained			Date & signature of Teacher
Process Related (10)	Product Related (15)	Total (25)	
08	14	22	FRS 15/9/2026

Maharashtra State Board of Technical Education 17 K Scheme

Continuous Assessment:



or AICTE Diploma Courses wef - 2017 - 18 D3

Maharashtra State Board of Technical Education

PROGRESSIVE ASSESMENT OF PRACTICALS

Academic Year: 2025-26 Program: ME Course: MEM Course Code: 313317

Semester: IV Name of Faculty: R. P. Jadhav

Roll No.	Enrollment No.	Exam Seat No.	Name of the student	Experiment/Job/Assignment/Sheet/Activity of Project (Marks out of 25 per Experiment)							
1	2	3	4	5							
				1	2	3	4	5	6	7	8
220230	2209890091	2274587	KAMBLE SHILPA JAYVANT	22	23	23	25	23	23	23	23
230237	23212280427	2274946	PATIL SHUBHANGI B.	23	23	23	23	23	23	23	23
230257	23212280447	2274496	THORE SAHIL PRAMOD	22	23	22	22	22	22	23	22
240201	24212280221	2274938	BANSODE TEJAS BABAN	21	21	21	21	21	21	21	21
240202	24212280222	2274939	BHARMAL SANSKAR SANDEEP	23	23	23	23	23	23	23	23
240204	24212280224	2275000	BIRADAR O. GAURISHANKAR	21	21	21	21	21	21	21	21
240205	24212280225	2275010	CHAMLE ASHLESHA VITTHAL	22	22	22	23	22	22	22	22
240207	24212280227	2275020	CHAVAN SHREYASH S.	22	20	20	21	20	20	20	20
240208	24212280228	2275030	DADAS PRANAY GAJANAN	22	22	22	20	22	22	22	20
240211	24212280231	2275040	DATIR RUSHIKESH SANDIP	22	22	22	22	22	22	22	23
240215	24212280235	2275050	GATE SHIVTEJ ABHIMAN	23	22	22	22	22	22	22	22
240219	24212280239	2275060	HIRE SOHAM SADASHIV	22	22	22	23	22	22	23	22
240221	24212280241		JADHAV ARYAN SHIVAJI				Detained				
240222	24212280242	2275080	JADHAV RADHIKA JAGDISH	23	22	23	23	23	22	23	22
240224	24212280244	2275090	JOGDAND APEKSHA SUHAS	20	20	20	20	20	20	20	20
240226	24212280246	2275100	KALSHETTI PRAVIN M.	22	22	22	22	22	22	22	22
240227	24212280247	2275110	KAMBLE ADITYA SANTOSH	22	21	22	21	22	22	22	22
240234	24212280254	2275120	KUSHWAHA VIKAS R.	22	21	21	22	22	22	22	22
240237	24212280257	2275130	MANDLIK HARSH SANJAY	19	19	19	19	19	19	19	19
240238	24212280258	2275140	MANE SATYAJIT GAJANAN	23	23	23	23	23	23	23	23
240239	24212280259	2275150	MATRE RADHA KHEMAJI	21	21	21	22	21	21	21	21
240240	24212280260	2275160	MOHD NUMAIR NAUSHIR S.	20	20	20	20	20	20	20	20
250266	25212280401		AJMANI SACHIN RUDRAPPA				Detained				
250275	25212280400		MEDANE AKSHAY SATISH				Detained				25
250277	25212280406		SAKHALE RAJ HARISH				Detained				

(Name & Signature of Faculty) (Name & Signature of HOD)

G. Student feedback of teaching learning process and action taken (6)

Institute Marks

5.00

Student participation plays a vital role in assessing, improving, and strengthening the quality of the teaching–learning process.

Feedback collected from students helps the program to understand how its teaching practices are perceived by its students.

Feedback is obtained during each semester.

Following points are considered while taking feedback:

- Coverage of syllabus
- Covering relevant topics beyond the syllabus
- Effectiveness in terms of technical contents / course contents
- Effectiveness in terms of communication skills
- Effectiveness in terms of Teaching aids
- Motivation and inspiration for students to learn in self-learning mode
- Support for development of student skills: Practical Performance
- Support for development of student skills: Project and Seminar preparation
- Feedback provided on student progress
- Punctuality and discipline
- Domain Knowledge
- Interaction with students
- Ability to resolve difficulties
- Encourage to participate in cocurricular activities
- Encourage to participate in Extracurricular activities
- Guidance during Internship

THE FEEDBACK MECHANISM PROCESS:

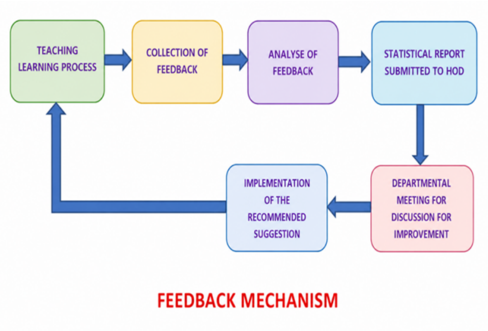
- The Feedback Process comprises of 3 stages:

  Stage I (Collection of Feedback): The feedback is collected through a well-designed feedback form comprising the above parameters, with each parameter evaluated on a 1 to 5 rating scale.

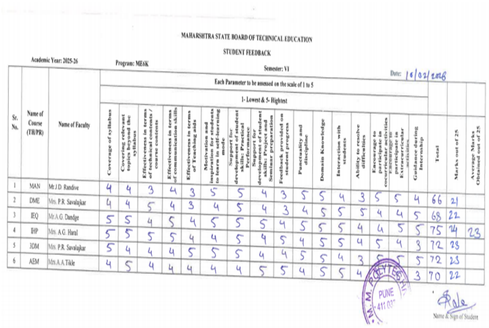
  Stage II (Analysis of feedback): A detailed analysis of the feedback is carried out subsequently, and an action taken report is prepared based on the observations and suggestions received.

  Stage III (Action Taken): The plan of action is formulated based on the action taken report, and necessary corrective measures are recommended for continuous improvement.

Feedback Mechanism:



Feedback Collection:



MAHARSHTRA STATE BOARD OF TECHNICAL EDUCATION

STUDENT FEEDBACK

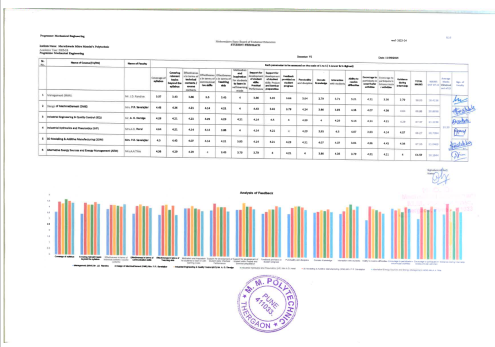
Academic Year: 2025-26 Program: ME6K Semester: VI Date: 10/02/2026

Each Parameter to be assessed on the scale of 1 to 5 (1- Lowest & 5- Highest)

Sr. No.	Name of Course (TH/PR)	Name of Faculty	Coverage of syllabus	Covering relevant topics beyond the syllabus	Effectiveness in terms of technical contents / course contents	Effectiveness in terms of communication skills	Effectiveness in terms of Teaching aids	Motivation and inspiration for students to learn in self-learning mode	Support for development of student skills: Practical Performance	Support for development of student skills: Project and Seminar preparation	Feedback provided on student progress	Punctuality and discipline	Domain Knowledge	Interaction with students	Ability to resolve difficulties	Encourage to participate in cocurricular activities	Encourage to participate in Extracurricular activities	Guidance during Internship	Total	Marks out of 25	Average Marks Obtained out of 25
1	MAN	Mr.J.D. Randive	4	4	3	4	3	5	5	4	3	5	5	4	3	5	5	4	66	21	
2	DME	Mrs. P.R. Savalajkar	4	4	5	4	3	4	5	4	3	4	5	5	5	4	4	5	68	22	
3	IEQ	Mr.A.G. Dandge	5	5	4	5	4	5	5	5	4	5	5	5	4	4	5	5	75	24	23
4	IHP	Mrs. A.G. Haral	5	5	5	5	4	4	5	4	5	4	5	5	4	5	4	3	72	23	
5	3DM	Mrs. P.R. Savalajkar	5	4	4	4	5	5	5	4	4	5	5	4	3	5	5	5	72	23	
6	AEM	Mrs.A.A.Tikle	4	5	4	4	4	4	4	5	5	4	5	5	4	[illegible]	[illegible]	3	70	22	

Name & Sign of Student

Feedback Analysis and Reporting: The coordinator analyse the student feedback and the feedback analysis report is prepared and submitted to the HOD for necessary actions.



Action Taken: The HOD decides the plan of action. The corrective action taken on faculties those have poor performance **(Below 70%)** on basis of feedback analysis. The effectiveness of corrective actions taken reflects in next cycle of feedback system.

MARATHWADA MITRA MANDAL'S POLYTECHNIC, PIMPRI CHINCHWAD, PUNE-33

Academic Year: 2025-26

Doc. No.: Notice-DL-01	Rev. No.: 01
Page:1 out of 1	Rev. Dt: 03/03/2021

Department of Mechanical Engineering

Date: 11/02/2026

To,
Mr. J.D. Randive
Lecturer-Mechanical Engineeering Department
M.M. Polytechnic, Thergaon

Subject: Action Taken Regarding Teaching-Learning Feedback

Respected Sir,

Based on the Teaching-Learning Feedback received from students for the academic year 2025-26 it has been observed that the feedback related to teaching effectiveness in the Management (315301) subject of Sixth Semester requires improvement.

In view of the same, the following actions are suggested for improvement in teaching-learning practices:

1. Covering relevant topics beyond the syllabus- Include recent case studies, industry examples
2. Effectiveness in terms of teaching aids- Include group discussion, case analysis
3. Ability to resolve difficulties- Extra doubt-solving session
4. Encourage to participate in extra-curricular activities- Motivate to participate in seminars, management events, group activities presentations

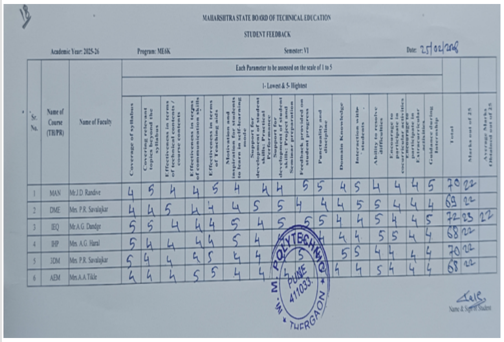
You are requested to take necessary corrective measures and ensure continuous improvement in teaching effectiveness.

Your cooperation in this regard is highly appreciated.

HOD

Corrective Action in Second Cycle:

Feedback Collection:



MAHARSHTRA STATE BOARD OF TECHNICAL EDUCATION

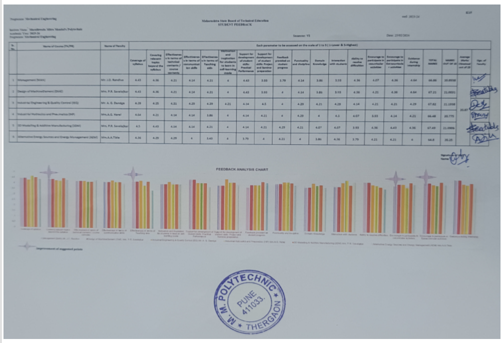
STUDENT FEEDBACK

Academic Year: 2025-26 Program: ME6K Semester: VI Date: 25/02/2026

Sr. No.	Name of Course (TH/PR)	Name of Faculty	Coverage of syllabus	Covering relevant topics beyond the syllabus	Effectiveness in terms of technical contents / course contents	Effectiveness in terms of communication skills	Effectiveness in terms of Teaching aids	Motivation and inspiration for students to learn in self-learning mode	Support for development of student skills: Practical Performance	Support for development of student skills: Project and Seminar preparation	Feedback provided on student progress	Punctuality and discipline	Domain Knowledge	Interaction with students	Ability to resolve difficulties	Encourage to participate in cocurricular activities	Encourage to participate in Extracurricular activities	Guidance during Internship	Total	Marks out of 25	Average Marks Obtained out of 25
1	MAN	Mr.J.D. Randive	4	5	4	4	5	4	4	4	5	5	4	5	4	4	4	5	70	22	
2	DME	Mrs. P.R. Savalajkar	4	4	5	4	4	4	5	5	4	4	4	5	5	4	4	4	69	22	
3	IEQ	Mr.A.G. Dandge	5	5	4	4	4	5	4	5	5	5	4	4	5	4	4	5	72	23	22
4	IHP	Mrs. A.G. Haral	5	4	4	4	4	5	4	[illegible]	[illegible]	4	4	4	5	5	4	4	68	22	
5	3DM	Mrs. P.R. Savalajkar	5	4	4	4	5	4	4	[illegible]	5	[illegible]	5	5	4	4	4	4	70	22	
6	AEM	Mrs.A.A.Tikle	4	4	4	5	5	4	4	4	[illegible]	[illegible]	4	4	5	4	4	4	68	22	

Name & Sign of Student

Feedback Analysis:



Programme: Mechanical Engineering

Maharashtra State Board of Technical Education
STUDENT FEEDBACK

Institute Name: Marathwada Mitra Mandal's Polytechnic
Academic Year: 2025-26
Programme: Mechanical Engineering

Semester: VI Date: 25/02/2026

Sr. No.	Name of Course (TH/PR)	Name of Faculty	Coverage of syllabus	Covering relevant topics beyond the syllabus	Effectiveness in terms of technical contents / course contents	Effectiveness in terms of communication skills	Effectiveness in terms of Teaching aids	Motivation and inspiration for students to learn in self-learning mode	Support for development of student skills: Practical Performance	Support for development of student skills: Project and Seminar preparation	Feedback provided on student progress	Punctuality and discipline	Domain Knowledge	Interaction with students	Ability to resolve difficulties	Encourage to participate in cocurricular activities	Encourage to participate in Extracurricular activities	Guidance during internship	TOTAL MARKS	MARKS OUT OF 25	Average Marks Obtained out of 25	Sign. of Faculty
1	Management (MAN)	Mr. J.D. Randive	4.43	4.36	4.21	4.14	4.21	4	4.43	3.93	3.79	4.14	3.86	3.93	4.36	4.07	4.36	4.64	66.86	20.8938	20.87	
2	Design of Machine Element (DME)	Mrs. P.R. Savalajkar	4.43	4.36	4.21	4.14	4.21	4	4.43	3.93	4	4.14	3.86	3.93	4.36	4.21	4.36	4.64	67.21	21.0031		
3	Industrial Engineering & Quality Control (IEQ)	Mr. A. G. Dandge	4.29	4.25	4.21	4.29	4.29	4.21	4.14	4.5	4	4.29	4.21	4.29	4.14	4.21	4.21	4.29	67.82	21.1938		
4	Industrial Hydraulics and Pneumatics (IHP)	Mrs.A.G. Haral	4.64	4.21	4.14	4.14	3.86	4	4.14	4.21	4	4.29	4	4.5	4.07	3.93	4.14	4.21	66.48	20.775		
5	3D Modelling & Additive Manufacturing (3DM)	Mrs. P.R. Savalajkar	4.5	4.43	4.14	4.14	4.21	4	4.14	4.21	4.29	4.21	4.07	4.07	3.93	4.36	4.43	4.36	67.49	21.0906		
6	Alternative Energy Sources and Energy Management (AEM)	Mrs.A.A.Tikle	4.36	4.29	4.29	4	3.43	4	3.79	4	4.21	4	3.86	4.36	3.79	4.21	4.21	4	64.8	20.25		

2.2.2 Initiatives to improve the quality of semester tests and assignments (15)

Institute Marks
13.00

A. Process for Internal semester question paper setting and evaluation and effective process implementation (5)

Institute Marks
4.00

- In every semester, two internal tests are conducted according to the schedule prescribed by Maharashtra State Board of Technical Education (MSBTE).
- The first test is conducted on 50% curriculum.
- The second test is conducted on remaining 50% curriculum.
- As per the MSBTE academic calendar, the Examination Department issues the notice for the class test time table and preparation of question paper.
- The Head of Department (HOD) issues a formal notice for the moderation process to ensure transparency and compliance with academic standards.

Setting of Question Paper:

- The Course Coordinator initiates the process of question paper setting.
- The Course Coordinator refers the format of question paper provided by MSBTE.
- A Question Paper Profile is prepared, which includes Unit-wise weightage, Question-wise distribution aligned with Course Outcomes (COs)
- Marks are distributed based on cognitive criteria: Remember, Understand and Apply
- The course co-ordinator decides the percentage allocation for each criterion. Allocation depends on the nature of questions mapped to respective COs.
- Course Outcomes (COs) are clearly mentioned in question paper profile.
- The level of each CO for specific questions is indicated unit-wise.
- Based on the Question Paper Profile the course co-ordinator prepares the question paper.
- Questions are framed in accordance with Bloom's Taxonomy levels to ensure proper cognitive alignment.

Moderation Review:

- The Moderator reviews the question paper on the following parameters:Outcome based questions, Instructions to students, scope of questions, curriculum content, and form of question, language, difficulty level and discriminating power.
- Each parameter is graded on a three-point scale:

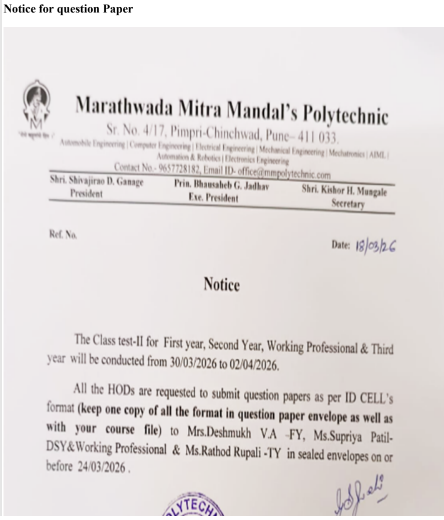
  Average → 1 mark

  Good → 2 marks

  Excellent → 3 marks

- The evaluation score is calculated based on the grading
- If the score is below 60%, the quality of paper is not acceptable and returned for revision.
- If the score is in between 60%to 80% then revision of paper as per moderator remarks required.
- The evaluation score is above 80%, the quality of paper is ok for acceptance.
- Once moderation is completed, the revised question paper is submitted to the exam department.

Notice for question Paper



Marathwada Mitra Mandal's Polytechnic

Sr. No. 4/17, Pimpri-Chinchwad, Pune– 411 033.

Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics | AIML | Automation & Robotics | Electronics Engineering

Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

Shri. Shivajirao D. Ganage, President | Prin. Bhausaheb G. Jadhav, Exe. President | Shri. Kishor H. Mungale, Secretary

Ref. No.

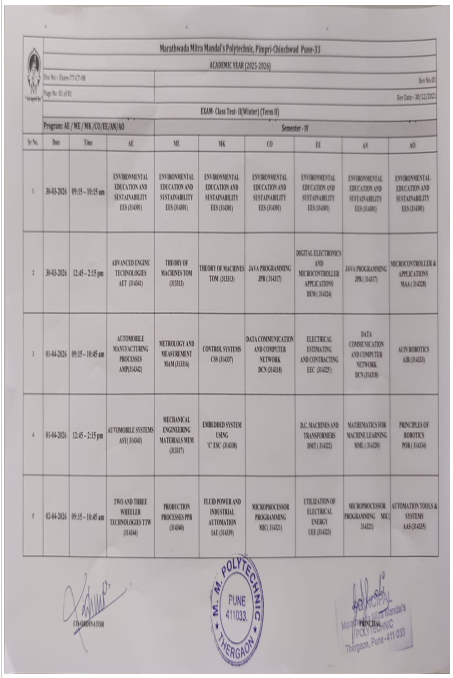
Date: 18/03/26

Notice

The Class test-II for First year, Second Year, Working Professional & Third year will be conducted from 30/03/2026 to 02/04/2026.

All the HODs are requested to submit question papers as per ID CELL's format **(keep one copy of all the format in question paper envelope as well as with your course file)** to Mrs.Deshmukh V.A -FY, Ms.Supriya Patil-DSY&Working Professional & Ms.Rathod Rupali -TY in sealed envelopes on or before 24/03/2026 .

Time Table:



Marathwada Mitra Mandal's Polytechnic, Pimpri-Chinchwad, Pune-33

ACADEMIC YEAR (2025-2026)

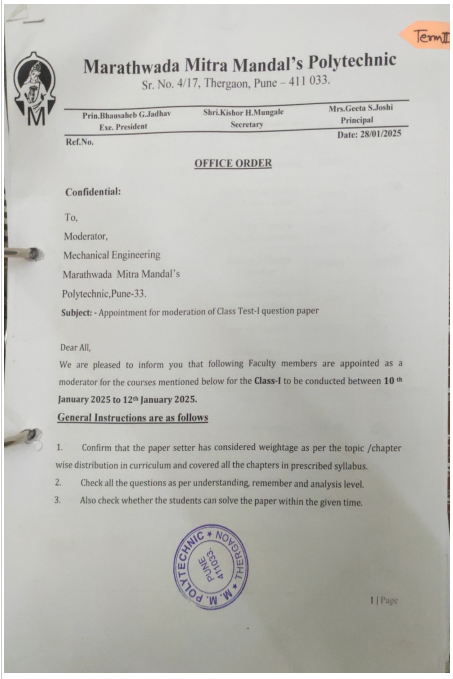
EXAM -Class Test- II(Winter) (Term II)

Program: AE / ME / MK /CO/EE/AM/AO — Semester - IV

Sr No	Date	Time	AE	ME	MK	CO	EE	AN	AO
1	30-01-2026	09:15 – 10:15 am	ENVIRONMENTAL EDUCATION AND SUSTAINABILITY EES (31408)	ENVIRONMENTAL EDUCATION AND SUSTAINABILITY EES (31408)	ENVIRONMENTAL EDUCATION AND SUSTAINABILITY EES (31408)	ENVIRONMENTAL EDUCATION AND SUSTAINABILITY EES (31408)	ENVIRONMENTAL EDUCATION AND SUSTAINABILITY EES (31408)	ENVIRONMENTAL EDUCATION AND SUSTAINABILITY EES (31408)	ENVIRONMENTAL EDUCATION AND SUSTAINABILITY EES (31408)
2	30-01-2026	12:45 – 2:15 pm	ADVANCED ENGINE TECHNOLOGIES AET (31414)	THEORY OF MACHINES TOM (31313)	THEORY OF MACHINES TOM (31313)	JAVA PROGRAMMING JPW (31417)	DIGITAL ELECTRONICS AND MICROCONTROLLER APPLICATIONS DEM (31424)	JAVA PROGRAMMING JPW (31417)	MICROCONTROLLER & APPLICATIONS MAA (31420)
3	01-04-2026	09:15 – 10:45 am	AUTOMOBILE MANUFACTURING PROCESSES AMP(31424)	METROLOGY AND MEASUREMENT MAM (31316)	CONTROL SYSTEMS CSS (31427)	DATA COMMUNICATION AND COMPUTER NETWORK DCN (31418)	ELECTRICAL ESTIMATING AND CONTRACTING EEC (31425)	DATA COMMUNICATION AND COMPUTER NETWORK DCN (31418)	AI IN ROBOTICS AIR (31433)
4	01-04-2026	12:45 – 2:15 pm	AUTOMOBILE SYSTEMS ASY(31414)	MECHANICAL ENGINEERING MATERIALS MDE (31317)	DRILLING SYSTEM USING 'C' DIC (31420)		D.C. MACHINES AND TRANSFORMERS DMT (31422)	MATHEMATICS FOR MACHINE LEARNING MML (31429)	PRINCIPLES OF ROBOTICS POR (31434)
5	02-04-2026	09:15 – 10:45 am	TWO AND THREE WHEELER TECHNOLOGIES TTW (31444)	PRODUCTION PROCESSES PPR (31410)	FLUID POWER AND INDUSTRIAL AUTOMATION IAE (31419)	MICROPROCESSOR PROGRAMMING MPC (31423)	UTILIZATION OF ELECTRICAL ENERGY UEE (31423)	MICROPROCESSOR PROGRAMMING MPC (31423)	AUTOMATION TOOLS & SYSTEMS AAS (31435)

CO-ORDINATOR — PRINCIPAL

Moderation Notice:



Term II

Marathwada Mitra Mandal's Polytechnic
Sr. No. 4/17, Thergaon, Pune – 411 033.

Prin.Bhausaheb G.Jadhav, Exe. President | Shri.Kishor H.Mungale, Secretary | Mrs.Geeta S.Joshi, Principal

Ref.No. Date: 28/01/2025

OFFICE ORDER

Confidential:

To,
Moderator,
Mechanical Engineering
Marathwada Mitra Mandal's
Polytechnic,Pune-33.

Subject: - Appointment for moderation of Class Test-I question paper

Dear All,

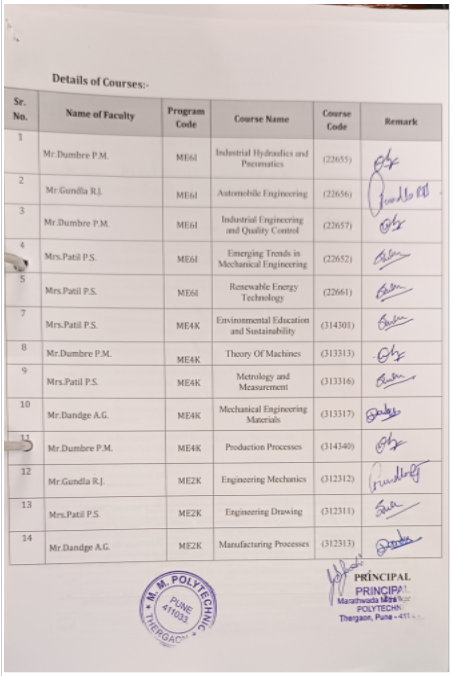
We are pleased to inform you that following Faculty members are appointed as a moderator for the courses mentioned below for the **Class-I** to be conducted between **10 th January 2025 to 12th January 2025.**

General Instructions are as follows

1. Confirm that the paper setter has considered weightage as per the topic /chapter wise distribution in curriculum and covered all the chapters in prescribed syllabus.
2. Check all the questions as per understanding, remember and analysis level.
3. Also check whether the students can solve the paper within the given time.

M.M. POLYTECHNIC PUNE 411033 THERGAON

1 | Page



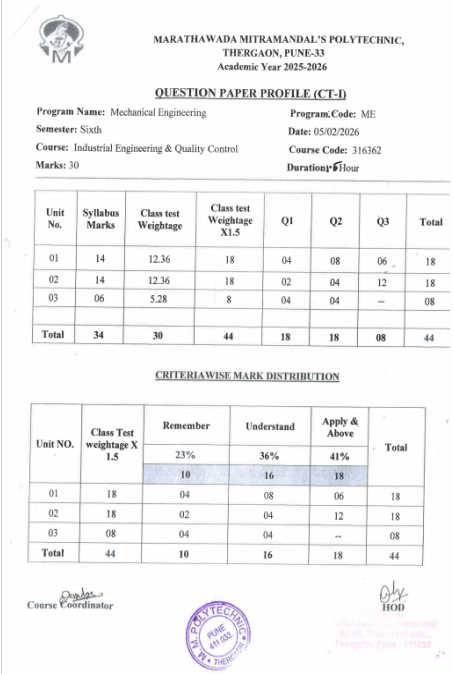
Details of Courses:-

Sr. No.	Name of Faculty	Program Code	Course Name	Course Code	Remark
1	Mr.Dumbre P.M.	ME6I	Industrial Hydraulics and Pneumatics	(226551)	
2	Mr.Gundla R.J.	ME6I	Automobile Engineering	(226561)	
3	Mr.Dumbre P.M.	ME6I	Industrial Engineering and Quality Control	(226571)	
4	Mrs.Patil P.S.	ME6I	Emerging Trends in Mechanical Engineering	(226521)	
5	Mrs.Patil P.S.	ME6I	Renewable Energy Technology	(226611)	
7	Mrs.Patil P.S.	ME4K	Environmental Education and Sustainability	(314301)	
8	Mr.Dumbre P.M.	ME4K	Theory Of Machines	(313313)	
9	Mrs.Patil P.S.	ME4K	Metrology and Measurement	(313316)	
10	Mr.Dandge A.G.	ME4K	Mechanical Engineering Materials	(313317)	
11	Mr.Dumbre P.M.	ME4K	Production Processes	(314340)	
12	Mr.Gundla R.J.	ME2K	Engineering Mechanics	(312312)	
13	Mrs.Patil P.S.	ME2K	Engineering Drawing	(312311)	
14	Mr.Dandge A.G.	ME2K	Manufacturing Processes	(312313)	

M. M. POLYTECHNIC PUNE 411033 THERGAON

PRINCIPAL
PRINCIPAL
Marathwada Mitra Mandal's
POLYTECHNIC
Thergaon, Pune - 411 033

Question Paper:



MARATHAWADA MITRAMANDAL'S POLYTECHNIC,
THERGAON, PUNE-33
Academic Year 2025-2026

QUESTION PAPER PROFILE (CT-I)

Program Name: Mechanical Engineering **Program.Code:** ME
Semester: Sixth **Date:** 05/02/2026
Course: Industrial Engineering & Quality Control **Course Code:** 316362
Marks: 30 **Duration:** 1 Hour

Unit No.	Syllabus Marks	Class test Weightage	Class test Weightage X1.5	Q1	Q2	Q3	Total
01	14	12.36	18	04	08	06	18
02	14	12.36	18	02	04	12	18
03	06	5.28	8	04	04	--	08
Total	**34**	**30**	**44**	**18**	**18**	**08**	44

CRITERIAWISE MARK DISTRIBUTION

Unit NO.	Class Test weightage X 1.5	Remember	Understand	Apply & Above	Total
		23%	36%	41%	
		10	16	18	
01	18	04	08	06	18
02	18	02	04	12	18
03	08	04	04	--	08
Total	44	**10**	16	18	44

Course Coordinator

HOD

M. M. POLYTECHNIC PUNE 411 033 THERGAON

MARATHAWADA MITRAMANDAL'S POLYTECHNIC,
THERGAON, PUNE-33
Academic Year 2025-2026
Course Outcomes (CT-I)

Program Name: Mechanical Engineering **Program Code:** ME
Semester: Sixth **Date:-** 05/02/2026
Course: Industrial Engineering & Quality Control **Course Code:** 316362
Marks: 30 **Duration:-** 1 Hour

The student will be able to:

CO No.	Course Outcome
ME6K03:1	Prepare the process sheet in given situation
ME6K03:2	Apply work study techniques for optimizing manufacturing processes
ME6K03:3	Apply quality control tools for monitoring product quality in industrial processes
1E6K03:4	Determine process Capability using Statistical Quality Control techniques
ME6K03:5	Choose relevant computer aided quality control / inspection method for manufacturing

Question No.	Sub- Question	Unit/ Topic	Marks	Level	Cos
01	a	II	02	L1	ME6K03.2
	b	III	02	L1	ME6K03.3
	c	I	02	L1	ME6K03.1
	d	III	02	L1	ME6K03.3
	e	I	02	L1	ME6K03.1
02	a	I	04	L2	ME6K03.1
	b	III	04	L2	ME6K03.3
	c	I	04	L2	ME6K03.1
	d	II	04	L2	ME6K03.2
03	a	II	06	L3	ME6K03.2
	b	II	06	L3	ME6K03.2
	c	I	06	L3	ME6K03.1

COs	ME6K03.1	ME6K03.2	ME6K03.3	ME6K03.4	ME6K03.5	ME6K03.6
Marks	18	18	08	--	--	--

Roll No.

MARATHAWADA MITRAMANDAL'S POLYTECHNIC,
THERGAON, PUNE-33
Academic Year 2025-2026
Class Test-I

Program Name: Mechanical Engineering **Program Code:** ME
Semester: Sixth **Date:-** 05/02/2026
Course: Industrial Engineering & Quality Control **Course Code:** 316362
Marks: 30 **Duration:-** 1 Hour

Instructions:

1. All questions are compulsory
2. Illustrate your answers with neat sketches whenever necessary
3. Figures to the right indicates full marks
4. Assume suitable data if necessary

Q. 1) Attempt any THREE of the following **06 Marks**

a. Define work study **(CO2)**
b. List the various factors affecting quality of product **(CO3)**
c. Define process planning **(CO1)**
d. Draw a block diagram to show the sequence of activities for any quality characteristic **(CO3)**
e. Enlist types of production system **(CO1)**

Q. 2) Attempt any THREE of the following **12 Marks**

a. Explain concept of line balancing **(CO1)**
b. Explain the need of inspection in industries **(CO3)**
c. Compare between job production, batch production and mass production (any 4 points) **(CO1)**
d. Explain the symbols used in process chart (any four) **(CO2)**

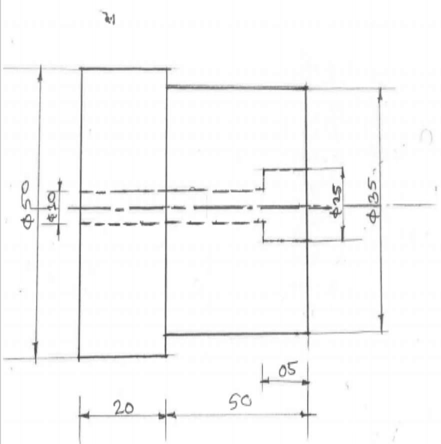
Q. 3) Attempt any TWO of the following **12 Marks**

a. Construct two handed process chart for an activity of replacing the old battery of mobile handset **(CO2)**
b. A job has been sub-divided into five elements the time for each element & respective ratings are given. Calculate normal time and standard time for each element & for the job if allowance is 15% **(CO2)**

Element	Observed Time (Min.)	Rating (%)
1	0.7	80

2	0.8	100
3	1.3	120
4	0.5	90
5	1.2	100

c. Prepare operation process sheet for step turning operation on lathe machine (CO1)



Evaluation Sheet:

MARATHWADA MITRA MANDAL'S POLYTECHNIC,
THERGAON, PUNE-33

CLASS TEST FORMAT

Doc. No.: EXAM-Evaluation -02	Rev. No.: 01
PAGE 1 of 1	Rev. Dt: 18/12/2020

CLASS TEST PAPER EVALUATION SHEET

Program Name: Mechanical Engg. **Program Code:** ME6K
Semester: VI **Course:** IEQ. **Course Code:** 316562

Sr. No.	Attribute	Question	Expert's Evaluation 1 Average	2 Good	3 Excellent
1	Outcome Based	Are all the questions based on an outcome based curriculum (Blooms mention)?		✓	
2	Instructions	Does the question specify a particular task through the instructions?			✓
3	Scope	Does the question indicate the limit and the scope of the answer (length of the answer) in accordance with the estimated time and mark allotted to it?			✓
4	Content	Does the question cover the required curriculum?			✓
5	Form of Question	Is the form of question sufficient for testing the abilities in student?			✓
6	Language	Is the framed question Clear, Precise and Unambiguous, well within the comprehension of the students?		✓	
7	Difficulty Level	Is the question framed keeping in view the level the students for whom it is meant?			✓
8	Discriminating Power	Does the question discriminate between bright students and others?		✓	
		Total 21/24 87.5%			

Note: 1. If the evaluation is less than 60% then the quality of the paper is not acceptable, hence revise the paper and reevaluate.
2. If evaluation is between 60%-80% then revise the paper according to expert remarks and show it to head of Department.
3. If evaluation is above 80% then quality of the paper is acceptable but act upon expert remarks if any.
4. This evaluation sheet is not applicable to multiple choice question paper.

Expert Remark (If any):

Seems to be ok

Signature:

Expert Name: Mrs. A. A. Tikle.

M. M. POLYTECHNIC PUNE 411 033. THERGAON

B. Question paper setting taking into account outcomes/learning levels (5)

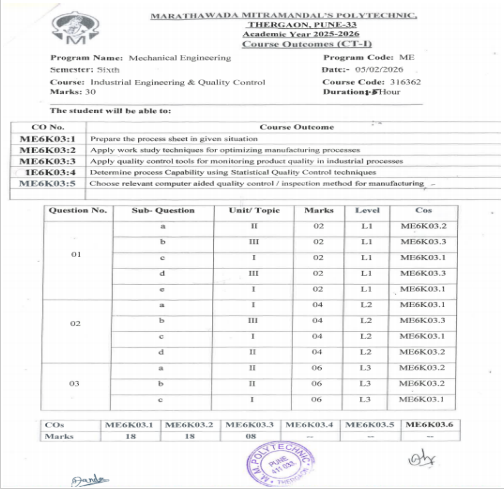
Institute Marks

4.00

In accordance with the academic quality assurance framework of the Maharashtra State Board of Technical Education (MSBTE), the institution has established a structured process to ensure that all questions of internal semester question paper are rigorously mapped to Course Outcomes (COs), while adhering to Bloom's Taxonomy.

Course Outcomes and Assessment Structure:

- As per MSBTE guidelines, each semester includes two class tests and an end-semester examination.
- Class tests are conducted in alignment with the examination scheme of the program, ensuring uniformity across subjects.
- Questions in class tests are explicitly mapped to COs , with Bloom's Taxonomy applied to determine the cognitive level (knowledge, comprehension, application, analysis, etc.).
- Class tests are administered by an independent examination department, ensuring impartiality and compliance with institutional norms.



MARATHAWADA MITRAMANDAL'S POLYTECHNIC,
THERGAON, PUNE-33
Academic Year 2025-2026
Course Outcomes (CT-I)

Program Name: Mechanical Engineering **Program Code:** ME
Semester: Sixth **Date:-** 05/02/2026
Course: Industrial Engineering & Quality Control **Course Code:** 316362
Marks: 30 **Duration:** 1 Hour

The student will be able to:

CO No.	Course Outcome
ME6K03:1	Prepare the process sheet in given situation
ME6K03:2	Apply work study techniques for optimizing manufacturing processes
ME6K03:3	Apply quality control tools for monitoring product quality in industrial processes
ME6K03:4	Determine process Capability using Statistical Quality Control techniques
ME6K03:5	Choose relevant computer aided quality control / inspection method for manufacturing

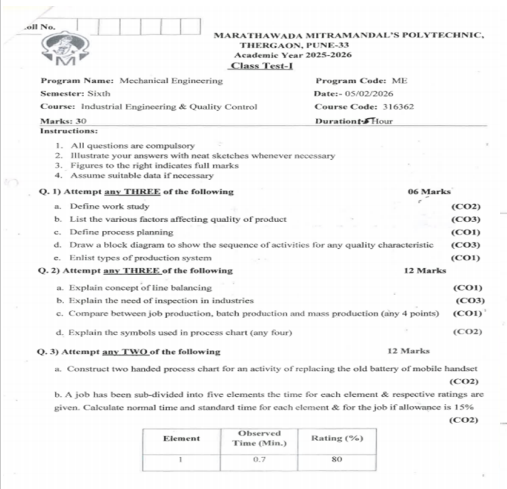
Question No.	Sub- Question	Unit/ Topic	Marks	Level	Cos
01	a	II	02	L1	ME6K03.2
	b	III	02	L1	ME6K03.3
	c	I	02	L1	ME6K03.1
	d	III	02	L1	ME6K03.3
	e	I	02	L1	ME6K03.1
02	a	I	04	L2	ME6K03.1
	b	III	04	L2	ME6K03.3
	c	I	04	L2	ME6K03.1
	d	II	04	L2	ME6K03.2
03	a	II	06	L3	ME6K03.2
	b	II	06	L3	ME6K03.2
	c	I	06	L3	ME6K03.1

COs	ME6K03.1	ME6K03.2	ME6K03.3	ME6K03.4	ME6K03.5	ME6K03.6
Marks	18	18	08	--	--	--

C. COs coverage in class test / mid-term tests and assignments (5) Institute Marks 5.00

Both CT1 and CT2 are designed to comprehensively assess all Course Outcomes (COs). Each question in the test paper is mapped to the relevant CO, ensuring balanced and systematic evaluation of all outcomes. The CO mapping is clearly indicated in the question paper to ensure transparency and confirm adequate coverage of all Course Outcomes through the tests.

Class Test Paper:



Roll No.

MARATHAWADA MITRAMANDAL'S POLYTECHNIC,
THERGAON, PUNE-33
Academic Year 2025-2026
Class Test-I

Program Name: Mechanical Engineering **Program Code:** ME
Semester: Sixth **Date:-** 05/02/2026
Course: Industrial Engineering & Quality Control **Course Code:** 316362
Marks: 30 **Duration:** 1 Hour

Instructions:
1. All questions are compulsory
2. Illustrate your answers with neat sketches whenever necessary
3. Figures to the right indicates full marks
4. Assume suitable data if necessary

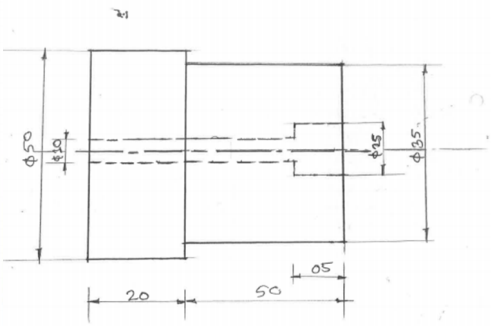
Q. 1) Attempt any THREE of the following **06 Marks**
a. Define work study **(CO2)**
b. List the various factors affecting quality of product **(CO3)**
c. Define process planning **(CO1)**
d. Draw a block diagram to show the sequence of activities for any quality characteristic **(CO3)**
e. Enlist types of production system **(CO1)**

Q. 2) Attempt any THREE of the following **12 Marks**
a. Explain concept of line balancing **(CO1)**
b. Explain the need of inspection in industries **(CO3)**
c. Compare between job production, batch production and mass production (any 4 points) **(CO1)**
d. Explain the symbols used in process chart (any four) **(CO2)**

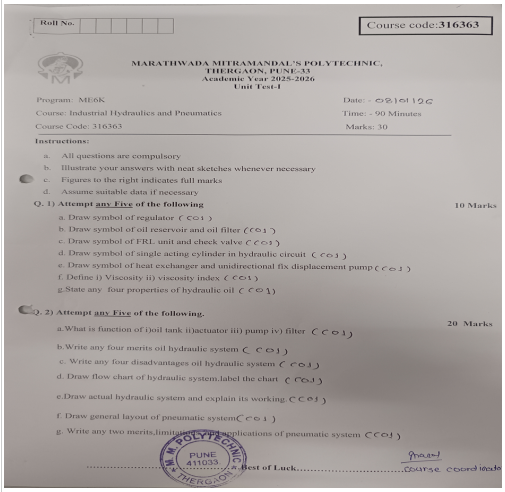
Q. 3) Attempt any TWO of the following **12 Marks**
a. Construct two handed process chart for an activity of replacing the old battery of mobile handset **(CO2)**
b. A job has been sub-divided into five elements the time for each element & respective ratings are given. Calculate normal time and standard time for each element & for the job if allowance is 15% **(CO2)**

Element	Observed Time (Min.)	Rating (%)
1	0.7	80
2	0.8	100
3	1.3	120
4	0.5	90
5	1.2	100

c. Prepare operation process sheet for step turning operation on lathe machine **(CO1)**



Unit Test Paper:



Roll No. | Course code:316363

MARATHWADA MITRAMANDAL'S POLYTECHNIC,
THERGAON, PUNE-33
Academic Year 2025-2026
Unit Test-I

Program: ME6K | Date: - 03/01/26
Course: Industrial Hydraulics and Pneumatics | Time: - 90 Minutes
Course Code: 316363 | Marks: 30

Instructions:

a. All questions are compulsory
b. Illustrate your answers with neat sketches whenever necessary
c. Figures to the right indicates full marks
d. Assume suitable data if necessary

Q. 1) Attempt any Five of the following — 10 Marks

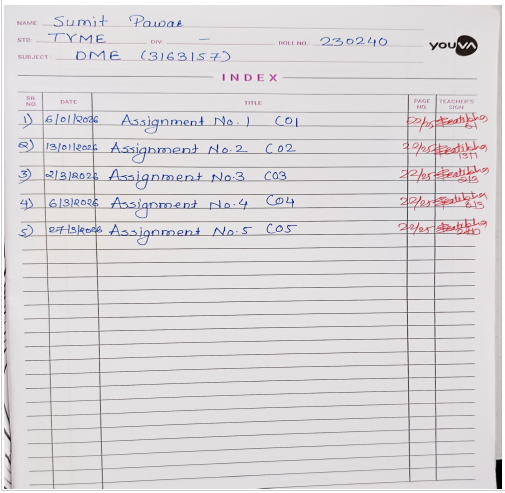
a. Draw symbol of regulator (CO1)
b. Draw symbol of oil reservoir and oil filter (CO1)
c. Draw symbol of FRL unit and check valve (CO1)
d. Draw symbol of single acting cylinder in hydraulic circuit (CO1)
e. Draw symbol of heat exchanger and unidirectional fix displacement pump (CO1)
f. Define i) Viscosity ii) viscosity index (CO1)
g. State any four properties of hydraulic oil (CO1)

Q. 2) Attempt any Five of the following. — 20 Marks

a. What is function of i)oil tank ii)actuator iii) pump iv) filter (CO1)
b. Write any four merits oil hydraulic system (CO1)
c. Write any four disadvantages oil hydraulic system (CO1)
d. Draw flow chart of hydraulic system.label the chart (CO1)
e. Draw actual hydraulic system and explain its working. (CO1)
f. Draw general layout of pneumatic system (CO1)
g. Write any two merits, limitations and applications of pneumatic system (CO1)

PUNE 411033 — Best of Luck — Course coordinator

Assignment:



NAME: Sumit Pawar
STD: TYME DIV: — ROLL NO: 230240
SUBJECT: DME (316315T)

INDEX

SR NO.	DATE	TITLE	PAGE NO.	TEACHER'S SIGN
1)	6/01/2026	Assignment No. 1 CO1	01/05	
2)	13/01/2026	Assignment No. 2 CO2	02/05	
3)	21/01/2026	Assignment No. 3 CO3	02/05	
4)	6/2/2026	Assignment No. 4 CO4	02/05	
5)	27/2/2026	Assignment No. 5 CO5	02/05	

2.2.3 Quality of Experiments (15)

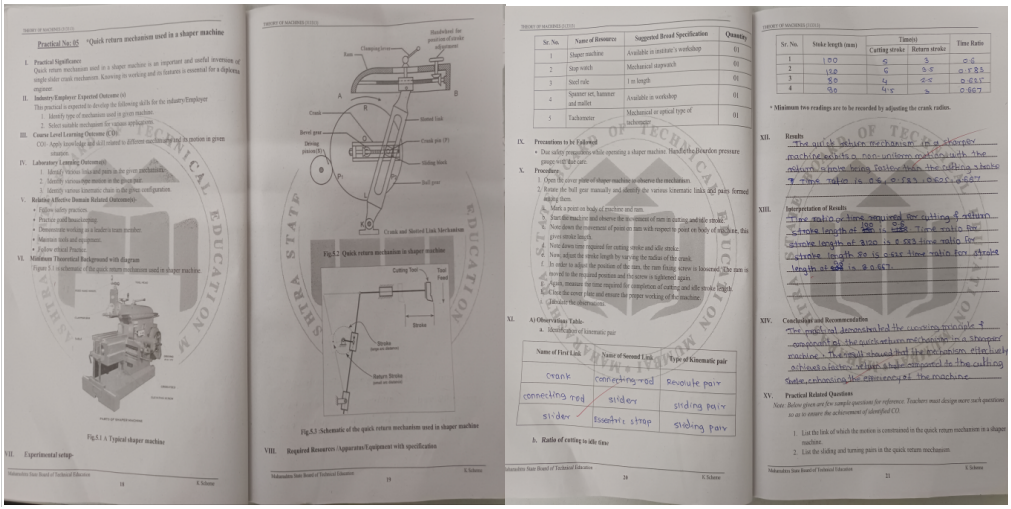
Institute Marks
15.00

A. Experimental methodologies (5)

Institute Marks
5.00

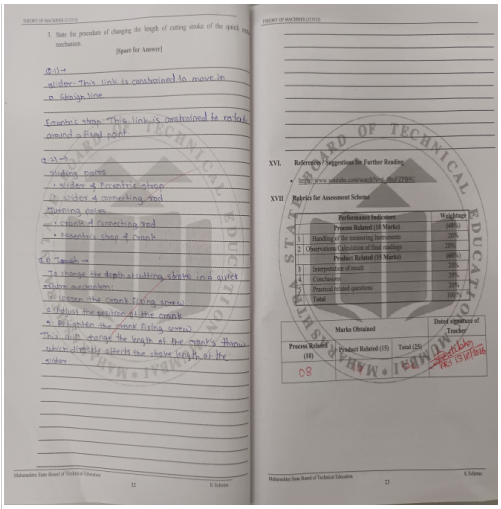
- Laboratory manuals are prepared as per the curriculum guidelines of the Maharashtra State Board of Technical Education.
- Detailed practical implementation plans are prepared for all prescribed experiments.
- Experiments are conducted systematically by the Course Coordinator with support from laboratory staff.
- Safety instructions, laboratory discipline, and proper handling of instruments are explained before conducting experiments.
- Practical sessions are aligned with Course Outcomes (COs) and Laboratory Learning Outcomes (LLOs).
- Students are informed about the objective, significance, procedure, precautions, observations, and expected outcomes of each experiment.
- Adequate hands-on practice opportunities are provided to students.
- Students actively participate in taking readings, observations, calculations, and interpretation of results.
- Experiments are conducted individually or in small groups to ensure active involvement of every student.
- Viva-voce, manual checking, and continuous assessment are carried out regularly.
- Laboratories are equipped with required instruments, machines, and modern teaching aids.
- Laboratory logbooks, stock registers, and maintenance records are properly maintained.

Experimental Methodologies:



Practical No: 05 *Quick return mechanism used in a shaper machine

I. Practical Significance
II. Industry/Employer Expected Outcome (s)
III. Course Level Learning Outcome (CO)
IV. Laboratory Learning Outcome(s)
V. Relating Affective Domain Related Outcome(s)
VI. Minimum Theoretical Background with diagram
VII. Experimental setup.
VIII. Required Resources /Apparatus/Equipment with specification
IX. Precautions to be Followed
X. Procedure
XI. A) Observation Table-
XII. Results
XIII. Interpretation of Results
XIV. Conclusion and Recommendation
XV. Practical Related Questions



B. Innovative experiments including industry attached practices, virtual labs (5)

Institute Marks
5.00

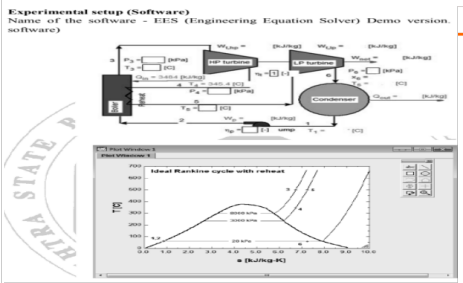
Industry-Attached Practices:

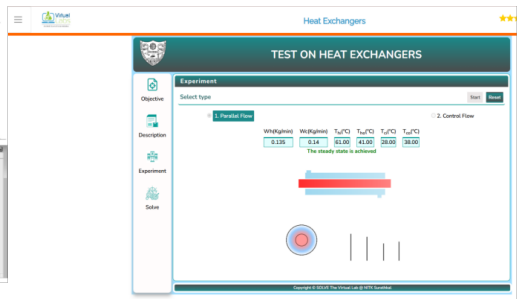
Sr. No.	Innovative Practice / Experiment	Industry / Platform Associated	Purpose / Learning Outcome
1	Six Sigma related experiments under Indusrtial Engineering and uality Control course	Pursellence GBS LLP	To develop quality control, process improvement, and analytical skills among students
2	Automobile-related practical sessions under Automobile Engineering course	ACE Kudale Cars Pvt Ltd	To provide hands-on experience in automobile systems, servicing, and maintenance practices
3	Thermal Power Plant related practical's under Thermal Engineering	Virtual Laboratory Platform and Open source software	To improve conceptual understanding of thermal power plant operations and heat transfer using simulation-based learning.

Virtual Labs:

The department has adopted virtual laboratory practices to enhance experiential learning by integrating simulation-based experiments with conventional laboratory work.

Sr.No.	Name of Experiment	Website Details/ Software	Class
01	Observe simulation of Thermal Power Plant and write specifications of boilers, turbines, condensers, and electrical generators.	**Name of the Software -** EES (Engineering Equation Solver) Demo version. **Website-** www.fchart.com	SY
02	Identify different equipments in laboratory having heat exchangers	https://www.vlab.co.in/broad-area-mechanical-engineering https://ht-nitk.vlabs.ac.in/	SY





C. Relevance to outcomes (5)

Institute Marks
5.00

The experiments enables application of theoretical concepts learned in the course

Experiments are designed to achieve defined learning outcomes

Each experiment is mapped to specific course outcome (Cos)

Experiments are designed to achieve defined learning outcomes

The outcomes of the experiment are measurable and assessable through observations, calculations, or performance

The result obtained should be assessed continuously through structured assessment and contribute to CO attainment calculation

LABORATORY LEARNING OUTCOME AND ALIGNED PRACTICAL / TUTORIAL EXPERIENCES

Sr No	Practical / Tutorial / Laboratory Learning Outcome (LLO)	Laboratory Experiment / Practical Titles / Tutorial Titles	Relevant COs
1	LLO 1.1 Identify the material used in any four machine components LLO 1.2 Collect the specification of the materials.	*Material used as per IS standards in simple machines.	CO1
2	LLO 2.1 Identify various modes of failure for the given machine components LLO 2.2 Draw various modes of failure for the given machine components	Modes of failure in simple machine components	CO1
3	LLO 3.1 Select suitable material for elements of knuckle joint. LLO 3.2 Select suitable factor of safety (FOS) LLO 3.3 Identify modes of failures in knuckle joint LLO 3.4 Determine the dimensions of elements used in knuckle joints LLO 3.5 Draw the knuckle joint using available software or manually	*Design of Knuckle Joints	CO1 CO2
4	LLO 4.1 Select the materials for turnbuckle LLO 4.2 Identify the modes of failure in the elements of turnbuckle LLO 4.3 Determine the dimensions of elements used in turnbuckle LLO 4.4 Select the turnbuckle from design data book (IS 3121:2023) LLO 4.5 Draw the turn buckle using available software or manually	Determination of dimensions of elements of turnbuckle for given load condition	CO1 CO2
5	LLO 5.1 Identify type of loading condition in given application of welded joint LLO 5.2 Calculate length of weld for given welded joint	Design a transverse and parallel fillet weld subjected to static and dynamic loading	CO2
6	LLO 6.1 Select suitable material for Hand/Foot lever LLO 6.2 Identify modes of failure in the elements used in Hand/Foot lever LLO 6.3 Determine the dimensions of elements used in Hand/Foot lever LLO 6.4 Draw Bell Crank Lever and Hand/Foot lever	*Determination of dimensions of elements of Hand/Foot lever for given load condition	CO1 CO2
7	LLO 7.1 Select the materials for C clamp used for given application LLO 7.2 Identify various modes of failure for the machine components used in c clamp LLO 7.3 Determine the dimensions of C-Clamp	Design C clamp for any one application	CO2
8	LLO 8.1 Select suitable material for elements of given application using design data book. LLO 8.2 Select suitable factor of safety (FOS) LLO 8.3 Identify modes of failures in shafts, keys and coupling LLO 8.4 Determine the dimensions of elements used in given application LLO 8.5 Select suitable dimensions of standard shafts (IS 3688:1990), sunk keys (IS 2048:1983) and muff coupling LLO 8.6 Select bearing used for given application from manufacturers catalogue LLO 8.7 Draw Muff coupling (Assembly & Details) of given power transmission system using available software or manually	*Design of power transmission system in various machines like Lathe machine ,flour mill, drilling machine etc.	CO1 CO3
9	LLO 9.1 Select material for screw and nut for screw jack LLO 9.2 Select factor of safety (FOS) LLO 9.3 Identify modes of failure in screw and nut of screw jack LLO 9.4 Determine dimensions of screw and nut of screw Jack LLO 9.5 Select the suitable dimension of screw and nut using IS 7008:1999 (for trapezoidal threads) or square threads (IS 2585:2006) LLO 9.6 Draw Screw and nut of Screw Jack using available software or manually	Draw the knuckle joint using available software or manually.	CO1 CO4
10	LLO 10.1 Identify modes of failure in given application LLO 10.2 Select suitable factor of safety LLO 10.3 Determine dimension of screw used in given application	*Design of screwed joint subjected to concentric or eccentric load (Any two design cases)	CO4
11	LLO 11.1 Select the suitable material for spring LLO 11.2 Identify the modes of failures in spring LLO 11.3 Select suitable Factor of Safety (FOS) for the material of spring LLO 11.4 Determine dimensions of spring used in selected application LLO 11.5 Draw the spring using available software or manually	* Design of helical compression spring. (Any two design cases)	CO5
12	LLO 12.1 Design Screw Jack used for cars or for similar applications and verify the dimensions. LLO 12.2 Prepare CAD drawings (working drawing) of Screw Jack with help of above designed dimensions LLO 12.3 Select the suitable material for spring LLO 12.4 Identify the modes of failures in spring LLO 12.5 Select suitable factor of safety (FOS) for the material of spring LLO 12.6 Determine dimensions of spring used in selected application LLO 12.7 Draw the spring	Design of helical tension spring. (Any two design cases)	CO1 CO5

Practical- Course Outcome matrix

Course Outcomes (COs)

CO1- Prepare the process sheet in given situation.

CO2- Apply work study techniques for optimizing manufacturing processes.

CO3- Apply quality control tools for monitoring product quality in industrial processes.

CO4- Determine process Capability using Statistical Quality Control techniques.

CO5- Choose relevant computer aided quality control / inspection method for manufacturing

Sr.No.	Laboratory Practical Titles	CO1	CO2	CO3	CO4	CO5
1	Preparation of Plant Layout for Small Scale Industry.	√	-	-	-	-
2	Part print analysis for manufacturing feasibility.	√	-	-	-	-
3	*Preparation of a detail process plan for a given manufacturing job.	√	-	-	-	-
4	Record motions of given manufacturing operation using motion study	-	√	-	-	-
5	Measure time of given manufacturing operation using time study method.	-	√	-	-	-
6	Productivity improvement using motions and time study.	-	√	-	-	-
7	Construction of two handed motion chart	-	√	-	-	-
8	Preparation of multiple activity chart	-	√	-	-	-
9	*Determination of standard time for given manufacturing operation	-	√	-	-	-
10	*Pareto chart using computer aided quality control software.	-	-	√	-	√
11	Develop a fishbone diagram for a given mechanical problem.	-	-	√	-	√
12	*Preparation of variable control charts (X bar and R) for given data and validate using CAQC software.	-	-	-	√	√
13	Preparation attribute control charts (P-chart and C-chart) for given data and validate using CAQC software.	-	-	-	√	√
14	*Determination of process capability and validate using CAQC software.	-	-	-	√	√

2.2.4 Quality of Students Projects and Report Writing (35)

Institute Marks
30.00

A. Identification of projects and allocation methodology (3)

Institute Marks
3.00

Introduction:

Every final year student undertakes projects which is divided in two parts

1. Capstone project planning (CPP)

2. Capstone Project execution and report writing (CPE)

Students are allowed to form a group which consists of minimum 3 members or maximum 4 members.

Projects topics are identified based on emerging trends in engineering/technology and industry expected outcomes for the programme

For project identification emphasis is given to application-oriented, problem-solving projects related to industry, rather than pure theoretical concepts

Identification of Projects:

Projects are identified based on real-world problems, industry needs, and societal challenges.

Inputs are taken from:

- Industry experts
- Internships
- Faculty suggestions
- Student innovative ideas
- Previous year project gaps

Emphasis is given to:

- Application-based learning
- Interdisciplinary approach
- Innovation and creativity

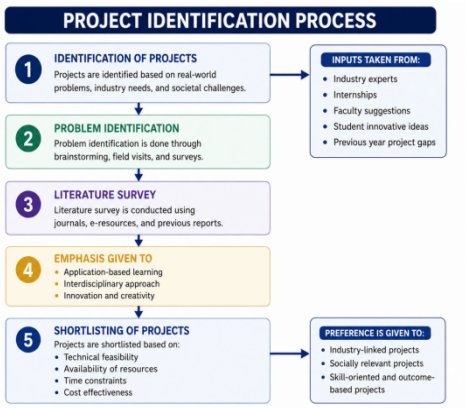
Projects are shortlisted based on:

- Technical feasibility
- Availability of resources
- Time constraints
- Cost effectiveness

Preference is given to:

- Industry-linked projects
- Socially relevant projects
- Skill-oriented and outcome-based projects

Project Identification Process:



Allocation Methodology:

- Students are grouped based on: Interest area and Academic performance.
- Each group is assigned a project guide.
- Allocation is done ensuring: Balanced distribution of students among guides and Equal opportunity for all students.
- Students are given the option to: Propose their own project ideas or Select from a list of suggested projects.
- Each group presents their synopsis to the project committee members.
- Industry-sponsored projects are prioritized where possible.
- Project committee members provide feedback on feasibility of the project, student capability, resource availability.
- Project committee members finalize the project topic for the group.
- The finalized list is approved by the Head of Department and communicated to project guide.
- The finalized list of projects along with their respective project guides will be informed to all project groups.

B. Types and relevance of the projects and their contribution towards attainment of POs and PSOs (5)

Institute Marks
4.00

The program includes a variety of projects designed to enhance both the theoretical and practical skills.

Types of Projects:

The following are the types of projects:

Industry-Based Projects:
These projects are carried out in collaboration with industries or based on real industrial problems. Students get exposure to actual working conditions, industrial practices, and current technologies.

Application-Based Projects:
These projects focus on applying engineering concepts to develop models, prototypes, or systems that solve practical problems.

Relevance of Projects:

· Industry-sponsored and application-oriented projects enhance practical exposure and technical competency of students.

· Interdisciplinary projects promote collaborative learning and integration of knowledge from multiple domains.

· Projects contribute to the attainment of Program Outcomes (POs) such as engineering knowledge, problem analysis, teamwork, communication skills, ethics, and lifelong learning.

· Prototype development, fabrication, testing, and performance analysis improve technical and experimental competencies.

· Team-based project execution develops leadership qualities, project management skills, and coordination abilities.

· Project presentations, reports, and demonstrations improve communication and documentation skills.

· Environment-friendly and energy-efficient projects create awareness regarding sustainability and social responsibility.

· Participation in competitions, and project expos motivates students towards innovation and entrepreneurship.

Contribution of projects towards attainment of POs and PSOs:

CAY2025-26:

Sr.No.	Project Title	Group Size	Nature of Project (Industry Sponsored/ Application/ Study)	Project Guide	Relevance to POs and PSOs								
					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
1	Footstep Power Generation	5	Application	Mr. Dumbre P.M.	√	√	√	√	√	√	√	√	√
2	Waste Food Shreder Machine	3	Application	Mr. Dumbre P.M.	√	√	√	√	√	√	√	√	√
3	Gas Leakage Detection AND VALVE SHUTDOWN Sysytem	3	Application	Mr. Dandge A. G.	√	√	√	√	√	√	√	√	√
4	Biometric Authentication And License Verification	4	Application	Mr. Dandge A. G.	√	√	√	√	√	√	√	√	√
5	Electro Hydraulic Scissor Lift	4	Industry Sponsored	Mrs. Savalajkar P.R	√	√	√	√	√	√	√	√	√

6	Moisture Remove From Air Content	4	Application	Miss Haral Ashwini	√	√	√	√	√	√	√	√	√
7	Smart Obstacle Avoidance Car	4	Application	Mrs. Savalajkar P.R	√	√	√	√	√	√	√	√	√
8	Multy Purpose Fertilizers And Pesticide Applicator Trolley	3	Application	Miss Haral Ashwini	√	√	√	√	√	√	√	√	√
9	360 Degree Flexible Multioperational Machine Arm	3	Application	Mrs Tikle A.A	√	√	√	√	√	√	√	√	√
10	Automatic Seed Sowing Machine	3	Application	Mrs Tikle A.A	√	√	√	√	√	√	√	√	√

CAYm1 2024-25:

Sr.No.	Project Title	Group Size	Nature of Project (Industry Sponsored/ Application/ Study)	Project Guide	Relevance to POs and PSOs								
					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
1	Automatic Open & Close Main Gate	4	Application	Mr. Dumbre P.M.	√	√	√	√	√	√	√	√	√
2	Digital Fuel Indicator	4	Application	Mr. Dandge A. G.	√	√	√	√	√	√	√	√	√
3	Automatic Brake Bleeding System	4	Application	Mrs Tikle A.A	√	√	√	√	√	√	√	√	√
4	Automatic Indicator off System (Two Wheeler)	4	Application	Mr. Mohite P.S.	√	√	√	√	√	√	√	√	√
5	Mini Bench Saw Machine	4	Industry Sponsored	Mr. Jadhvar K.S.	√	√	√	√	√	√	√	√	√
6	Automatic on-off Solar Light	4	Application	Mr. Mohite P.S	√	√	√	√	√	√	√	√	√
7	Eco Friendly Road Foothpath Cleaner Machine	3	Application	Mr. Jadhvar K.S.	√	√	√	√	√	√	√	√	√
8	Double Wheel Vertical Axis Wind Turbine	4	Application	Ms. Haral A.G.	√	√	√	√	√	√	√	√	√
9	Paper cutting machine with geneva mechanism	4	Application	Ms. Haral A.G.	√	√	√	√	√	√	√	√	√
10	Dual (Solar & Wind) Power Gneration	4	Application	Mr. Kulkarni S.P.	√	√	√	√	√	√	√	√	√

C. Process for monitoring and evaluation (5)

Institute Marks

4.00

Monitoring of Projects:

The following points are considered for monitoring of projects,

1. Project Planning & Scheduling
   - Define objectives, scope, and timeline
   - Prepare project work completion plan
2. Project Guide Interaction
   - Regular meetings with project guide
   - Discussion on progress and difficulties
3. Progress Tracking
   - Monitor work completion as per plan
   - Use project diary for updates
4. Attendance & Participation Monitoring

Track individual student involvement

Ensure equal contribution in group work

Time frame for Project completion is as follows:

Particular	Date/ Week
Synopsis submission /Evaluation	Week 1
Finalize project topic	Week 4
Review 1 of Project Work	End of 4th Week
Review 2 of Project Work	End of 8th Week
Review 3 of Project Work	End of 13th Week
Final Presentation and Demonstration	Week 14
Final Submission and Evaluation	End of Semester

Evaluation of Projects:

- Evaluation of the progress of project work is a continuous process.
- Process of evaluation is based on MSBTE guidelines. - Assessment consist of formative and summative assessment having 50 marks each. Formative assessment is divided into team assessment (30 Marks) and individual assessment (20 Marks).
- The progression and evaluation of the work is discussed at every review by the project coordinator.
- Project diary is maintained by students and the diary is signed by the guide.
- Projects are assessed based on the presentation and the progression of their work.
- All the review marks are considered for the internal assessment.
- Progressive assessment of various stages is done and marks are allotted.
- Final assessment is done by external examiner appointed by MSBTE.
- Based on the Viva-voce and project work marks are awarded to the students which are forwarded to MSBTE through log in provided to external examiner.

Evaluation of Project:

D. Process to assess individual and team performance (5)

Institute Marks

4.00

- Individual and team performance is assessed based on the project presentation and progress in the work.
- Assessment is as per MSBTE guidelines.
- Assessment consists of both formative and summative assessment, each carrying 50 marks.
- The formative assessment is divided into two parts: Team Assessment - 30 Marks and Individual Assessment -20 Marks

Criteria for Assessment:

A. Formative Assessment (FA):

Rubrics for Assessment of the Team

Sr.No.	Criteria	Marks
1	Project Selection & Problem definition	05
2	Literature survey and data collection/ Gathering	05
3	Design / concept of project/ Working - Execution of Project	10
4	Stage wise progress as per Action plan/milestone	05
5	Quality Report Writing	05

Rubrics for Individual Assessment

Sr.No.	Criteria	Marks
1	Contribution as a team member	05
2	Depth of Knowledge	10
3	Presentation	05

B. Summative Assessment (FA)

The summative assessment for 50 marks is to be done and based on following criteria. This assessment is done by the project coordinator and External examiner

Sr.No.	Criteria	Marks
1	Capstone Project Completion as per plan	10
2	Project related requirement analysis and designing	10
3	Developing a Solution with proper justifications, Teamwork	10
4	Project Report Writing	10
5	Project Presentation	10

Assessment Rubrics:

Performance	Excellent	Good	Fair	Poor
Criteria	9-10 marks.	6-8 marks	4-5 marks	0-3 marks
	Excellent	Good	Fair	Poor
Capstone Project Completion	The project is completed as per tasks described in synopsis.	The project is completed but require minor modifications.	The project is completed but require several modifications.	The project is not completed as per tasks described in synopsis.
Project related Requirement Analysis & Designing	Effectively contributed in requirement analysis and designing.	Partially Contributed in requirement analysis and designing.	Attempted to contribute in requirement analysis and designing	No contribution in requirement analysis and designing.
Developing a Solution with proper justifications , Teamwork	Developed the critical solution modules with Innovation, optimized design and worked very well with the team.	Developed some solutions with higher complexity and worked well with the team	Attempted to develop few solutions and worked with the team.	No contribution in developing a solution and in the team
Project Report Writing	Worked very well to submit an excellent project report	Worked well to submit the project report with covering all the aspects of a standard report	Tried to submit the project report but standard of report was not satisfactory	No contribution in project report writing
Project Presentation	Presented the project work flawlessly	Presented the project work very nic	Presented the project work not so well	Presentation skill is not up to the mark

E. Quality of deliverable, working prototypes (12)

Institute Marks

10.00

Projects are categorized as industry supported project, application based project.

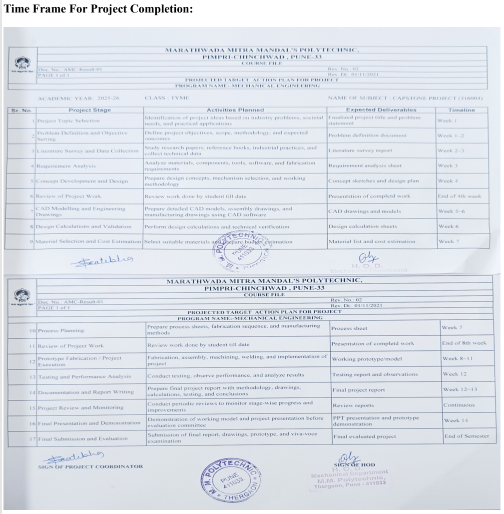
Quality of Deliverables:

- Students submit complete project deliverables including project report, CAD drawings, design calculations, process sheets and cost estimation.
- Project reports are prepared in a systematic and structured format with introduction, literature survey, scope, methodology, working processes, results and applications.
- Engineering drawings are prepared using standard drafting practices and CAD software tools to ensure accuracy and clarity.
- Deliverables are evaluated through review meetings and assessment rubrics defined by the department.
- Proper documentation practices are followed to maintain technical accuracy and presentation quality.
- Timely submission of project deliverables is ensured as per the project schedule and milestones.
- Continuous guidance from project mentors helps improve the quality and completeness of submissions.
- Emphasis is given to technical content, presentation, formatting, and practical relevance of the project work.

Working Prototypes:

- Students develop functional working prototypes/models to demonstrate practical implementation of engineering concepts.
- Prototypes are fabricated using available workshop facilities, machines, tools, and manufacturing processes.
- Working models are tested for functionality, performance, reliability, and safety.
- Projects are evaluated based on workmanship, assembly quality, and practical utility.
- Students perform testing and analysis to validate the performance of the developed prototype.
- Industry-oriented and application-based prototypes are encouraged to enhance experiential learning.
- Project demonstrations are conducted during reviews, exhibitions, and viva-voce examinations.

Time Frame For Project Completion:



MARATHWADA MITRA MANDAL'S POLYTECHNIC,
PIMPRI-CHINCHWAD , PUNE-33
COURSE FILE

Doc. No.: AMC-Result-01 Rev. No.: 02
PAGE 1 of 1 Rev. Dt: 01/11/2021

PROJECTED TARGET ACTION PLAN FOR PROJECT
PROGRAM NAME:-MECHANICAL ENGINEERING

ACADEMIC YEAR: 2025-26 CLASS : TYME NAME OF SUBJECT : CAPSTONE PROJECT (316004)

Sr. No.	Project Stage	Activities Planned	Expected Deliverables	Timeline
1	Project Topic Selection	Identification of project ideas based on industry problems, societal needs, and practical applications	Finalized project title and problem statement	Week 1
2	Problem Definition and Objective Setting	Define project objectives, scope, methodology, and expected outcomes	Problem definition document	Week 1–2
3	Literature Survey and Data Collection	Study research papers, reference books, industrial practices, and collect technical data	Literature survey report	Week 2–3
4	Requirement Analysis	Analyze materials, components, tools, software, and fabrication requirements	Requirement analysis sheet	Week 3
5	Concept Development and Design	Prepare design concepts, mechanism selection, and working methodology	Concept sketches and design plan	Week 4
6	Review of Project Work	Review work done by student till date	Presentstion of completd work	End of 4th week
7	CAD Modelling and Engineering Drawings	Prepare detailed CAD models, assembly drawings, and manufacturing drawings using CAD software	CAD drawings and models	Week 5–6
8	Design Calculations and Validation	Perform design calculations and technical verification	Design calculation sheets	Week 6
9	Material Selection and Cost Estimation	Select suitable materials and prepare budget estimation	Material list and cost estimation	Week 7

H. O. D.

MARATHWADA MITRA MANDAL'S POLYTECHNIC,
PIMPRI-CHINCHWAD , PUNE-33
COURSE FILE

Doc. No.: AMC-Result-01 Rev. No.: 02
PAGE 1 of 1 Rev. Dt: 01/11/2021

PROJECTED TARGET ACTION PLAN FOR PROJECT
PROGRAM NAME:-MECHANICAL ENGINEERING

10	Process Planning	Prepare process sheets, fabrication sequence, and manufacturing methods	Process sheet	Week 7
11	Review of Project Work	Review work done by student till date	Presentstion of completd work	End of 8th week
12	Prototype Fabrication / Project Execution	Fabrication, assembly, machining, welding, and implementation of project	Working prototype/model	Week 8–11
13	Testing and Performance Analysis	Conduct testing, observe performance, and analyze results	Testing report and observations	Week 12
14	Documentation and Report Writing	Prepare final project report with methodology, drawings, calculations, testing, and conclusions	Final project report	Week 12–13
15	Project Review and Monitoring	Conduct periodic reviews to monitor stage-wise progress and improvements	Review reports	Continuous
16	Final Presentation and Demonstration	Demonstration of working model and project presentation before evaluation committee	PPT presentation and prototype demonstration	Week 14
17	Final Submission and Evaluation	Submission of final report, drawings, prototype, and viva-voce examination	Final evaluated project	End of Semester

SIGN OF PROJECT COORDINATOR

M. M. POLYTECHNIC PUNE 411033. THERGAON

SIGN OF HOD
H. O. D.
Mechanical Department
M.M. Polytechnic,
Thergaon, Pune - 411033

F. Papers published /Awards/ Recognition received by projects at State/ National level (5)

Institute Marks

5.00

The department encourages a strong project-based learning approach to enhance student's practical knowledge and problem-solving skills.

Continuous support is provided through guidance, infrastructure, and participation in competitions

Students are encouraged to publish their project work in state level project exhibition and competition.

Students are encouraged to participated in DIPEX competition

Best projects have been awarded and prizes are given.

Summary:

Sr.No.	Activity Type	Academic Year						Awards Won			
		2025-26		2024-25		2023-24					
		No. of Activity	Total Participation	No. of Activity	Total Participation	No. of Activity	Total Participation	Award			Participation
								I	II	III	
1	Technical Project Competition	3	7	6	21	2	8	4	4	7	20
2	Technical Paper Presentation	--	--	1	2	--	--	--	--	--	2

CAY (2025-26)

Sr.No.	Date	Type of Activity and Details	Organizing Body/ Conducted by Level			Name/s and Enroll No. of the Participa nt/s	Award/ Prize	Relevance To Pos and PSOs
			Institute	MSBTE	Any Other			
1	28/01/2026-01/03/2026	Project Competition	--	--	GMRT, Khodad, Pune	**1.** Dhiware Arjun Sanjay 23212280405 **2.** Jadhav Ayush Dattatraya 23212280412	Participation	PO1, PO2, PO5, PO6, PO7, PSO1, PSO2
2	28/01/2026-01/03/2026	Project Competition	--	--	GMRT, Khodad, Pune	**1.** Chaudhari Nilesh Kishor 23212280399 **2.** Salimath Ashwith Rahul 23212280434	Participation	PO1, PO2, PO5, PO6, PO7, PSO1, PSO2
3	14/03/2026	NxtGen 2K26-Project Competition	M.M. Polytechnic	--	--	**1.** Gorkhe Shubham Kalurama 2209890076 **2.** Jagtap Avishkar Arvind 2209890081 **3.** Shinde Ayush Goraksh 2209890116	Third Prize	PO1, PO2, PO5, PO6, PO7, PSO1, PSO2

CAYm1: 2024-25

Sr.No.	Date	Type of Activity and Details	Organizing Body/ Conducted by Level			Name/s and Enroll No. of the Participa nt/s	Award/ Prize	Relevance To Pos and PSOs
			Institute	MSBTE	Any Other			
1	24/09/2024	Technical Paper Presentation-Industry 4.0	--	SVPMs Institute of Technology & Engineering Malegaon (Bk) Baramati, Departmnt of Machanical Engineering	--	**1.** Rashtrapal Ankush Waghmare 2209890126 **2.**Krishna Ratnakar Dahale 2209890069	Participation	PO1, PO6
2	05/02/2025	Project Competition-Innovision 2025-Tantra Utsav 2K25	JSPMS RSCOE Polytechnic-Tathawade	--	--	**1.** Sarthak Dattatraya Mohalkar 220989010 **2.** Niraj Ajit Pandit 2209890105 **3.** Kisan Vyankatesh Pawar 2209890108 **4.**Abhijeet Sanjay Salve 2209890113	Participation	PO1, PO2, PO5, PO6, PO7, PSO1, PSO2
3	05/02/2025	Project Competition-Innovision 2025-Tantra Utsav 2K25	JSPMS RSCOE Polytechnic-Tathawade	--	--	**1.** Rashtrapal Ankush Waghmare 2209890126 **2.**Aaditya Jayguru Mahulkar 23212280456	Participation	PO1, PO2, PO5, PO6, PO7, PSO1, PSO2
4	05/02/2025	Project Competition-Innovision 2025-Tantra Utsav 2K25	JSPMS RSCOE Polytechnic-Tathawade	--	--	**1.** Sanket Anil Gujale 2109890061 **2.** Gaurav Ramesh Babar 2209890065 **3.** Prathmesh Santosh Pawar 2209890110 **4.**Nagnath Balaji Waghmare 2209890125	Participation	PO1, PO2, PO5, PO6, PO7, PSO1, PSO2
5	15/02/2025	Project Competition-Technofest 2K25	MM Polytechnic-Thergaon, Pune	--	--	**1.** Sanket Anil Gujale 2109890061 **2.** Gaurav Ramesh Babar 2209890065 **3.** Prathmesh Santosh Pawar 2209890110 **4.**Nagnath Balaji Waghmare 2209890125	Runnerup	PO1, PO2, PO5, PO6, PO7, PSO1, PSO2

6	20/03/2025	Intercollegiate Project Competition- Tech Titians 2K-25	PCP, Akurdi	--	--	**1.**Prathmesh Dipak Borse 2209890066 **2.** Rashtrapal Ankush Waghmare 2209890126	Participation	PO1, PO2, PO5, PO6, PO7, PSO1, PSO2
7	24/03/2025	Project Competition- MSBTE- NIT, Kolhapur	--	New Institute of Technology, Kolhapur	--	**1.** Sanket Anil Gujale 2109890061 **2.** Gaurav Ramesh Babar 2209890065 **3.** Prathmesh Santosh Pawar 2209890110 **4.**Nagnath Balaji Waghmare 2209890125	Participation	PO1, PO2, PO5, PO6, PO7, PSO1, PSO2

CAYm2 (2023-24)

Sr.No.	Date	Type of Activity and Details	Organizing Body/ Conducted by Level			Name/s and Enroll No. of the Participant/s	Award/ Prize	Relevance To Pos and PSOs
			Institute	MSBTE	Any Other			
1	20/03/2024-21/03/2024	Innovision- 2024 Project Competition	JSPM COE, Pune	--	--	**1.** Sakshi Pandurang Dhumal 2109890057 **2.** Sahambhu Pandurang Dhumal 2109890058 **3.** Ganesh Chandrakant Ghodke 2109890060 **4.**Tukaram Mohan Sawant 2209890436	Winner	PO1,PO2,PO3,PO6,PO7, PSO1, PSO2
2	01/04/2024	Tech Titans 2K24 Intercollegiate Project Competition	PCP Akrudi	--	--	**1.**Akshay Narayan Jadhav 2109890041 **2.**Chaya Pandurang Jadhav 2109890063 **3.**Sanskruti Santosh Kadam 2109890065 **4.**Avinash Prabhu Korde 2109890073	Consolation Prize	PO1,PO2,PO3,PO6,PO7, PSO1, PSO2

2.2.5 Industry Interaction and Industry Internship/Training (30)

Institute Marks
28.00

A. Industry supported Labs (2)

Institute Marks
2.00

Industry supported Labs

- To strengthen interaction with industries and to keep students are updated with the latest trends
- Industry interactions help the students to acquire the practical knowledge. So in order to improve the technical abilities various industrial activities are carried out.
- The institute has established a centre of excellence for mold & die design and Manufacturing in collaboration with Cimatron which is a part of Sandvik group
- Well-equipped laboratory is established by Volkswagen Group which is shared by Mechanical department with Automobile Engineering Department.

Table no 2.2.5 A Industry supported Labs

Sr.No.	Name of Industry Supported Laboratories	Area of Collaboration	Date of Collaboration
1	Cimatron- Sandvik Group	Mold & Die- Design & Manufacturing	30th April 2026
2	Envalior India Pvt Ltd	Centre Of Excellence in EV Technology	4th November 2025
3	VGTAP	Vehicle Maintenance-Service Sector	7th December 2010

1. CIMATRON:

The cimatron software is extensively used for 3D Modeling & Product Design, Mold and Die Design

The centre is equipped with Cimatron software tools and students receive hands-on training in mold and die designing software tools, enabling them to understand the complete product development cycle from design to manufacturing. The software support enhances practical learning, improves design accuracy, and prepares students for real- time industrial applications

Cimatron has provided 10 commercial-free educational licenses to the department for academic training, practice, and skill development purposes.

2. Envalior India Pvt Ltd., Ranjangaon, Pune - Centre Of Excellence in EV Technology:

Envalior India Pvt. Ltd., Ranjangaon, is a reputed multinational company engaged in advanced materials and innovative engineering solutions for the automotive and mobility sector. On 4th November 2025, an MoU was entered into for establishing “Centre Of Excellence in EV Technology - Marathwada Mitra Mandal’s Polytechnic in collaboration with BroadArks Foundation under Envalior student -Industry outreach Initiative”. Currently, the work of setting up of the centre is under progress and expected to be complete by July 2026. Under this initiative, students from Marathwada Mitra Mandal’s Polytechnic as well as outside learners from financially weaker sections will receive free training in various domains of Electric Vehicle (EV) Technology. Bridge modules will be offered to outside learners to help them integrate into the training process.The Centre will deliver industry-endorsed skilling programmes such as: Electric Vehicle Service Technician, EV Assembly Technician, and EV Assembly Operator.Assessments will be conducted by approved Sector Skill Council (SSC)/NSDC agencies, ensuring national standards and certification. Successful learners will be awarded: NSDC/SSC-aligned certificate issued through an approved awarding body, and Industry certificate from BroadArks Foundation in collaboration with Envalior. All participants will receive placement assistance, connecting them with leading EV manufacturers and allied industries. The initiative aims to create industry-ready, skilled professionals to support India’s transition towards sustainable mobility.

3. VG-TAP Centre:

- An advanced training centre has been set up by the department in association with Volkswagen Group Sales India Pvt. Ltd. VG-TAP (Volkswagen Technical Apprenticeship Program) is a partnership between Volkswagen and Marathwada Mitra Mandal’s Polytechnic, where the skill levels of faculty and students are upgraded to industry standard. Company is involved in setting up of training labs and equipment to train the final year diploma students in car servicing, thus making them industry ready professionals.
- It is a tie up between VGSIPL & DEG, Germany through VG - TAP, VGSIPL - DEG support:
- ◦ Providing framework training infrastructure,
  ◦ Providing aggregates, sub-assemblies and components of latest automotive technologies,
  ◦ Training instructors
  ◦ Training of students.

B. Delivery of appropriate Course work by Industry experts (5)

Institute Marks

5.00

- Industry experts are regularly invited to deliver appropriate course work to enhance the teaching-learning process in alignment with current industrial practices
- Guest lectures are organized where professionals from relevant core and allied industries share their practical knowledge related to specific subjects in the curriculum
- These sessions helps students understand real-time applications of theoretical concepts and bridge the gap between academia and industry requirements

Summary:

Sr.No.	Academic Year	No. of Expert Lecture
1	CAY:2025-26	06
2	CAYm1:2024-25	06
3	CAYm2:2023-24	06

CAY2025-26:

Sr.No.	Name of Expert	Date of Expert Lecture	Course & Course Code	Topic	Year /SEM	No. of Students Attended	Relevance To POs and PSOs
1	Mrs. Rekha Pawar- Trainer Arthtect Automation & 7028786685	1/8/2025	ETM-316353	Production Management Automation	III	36	PO1, PO5, PO7
2	Mr. Pranay Subhedar- Senior Design Engineer & 9890066233	13/09/2025	SPI-315003	Project Management	V	32	PO1, PO2, PO3, PO4, PO5, PO6, PO7
3	Mr. Arvind Paranjape- TATA Power Company & 9921013535	29/09/2025	PPE- 315374	Fundamentals of Power Plant, Recent Trends & Economics Analysis of Power Plant	V	31	PO1, PO2, PO3, PO4, PO5, PO6, PO7
4	Mr. D.K. Mohan-Industry Expert & 8975072424	12/02/2026	ETM-316353 MEM-313317	**1.** Recent Trends in Manufacturing System **2.** Basic of Engineering Material	IV/VI	56	PO1, PO2, PO3, PO4, PO5, PO6, PO7
5	Mr. Tanzeem Yadgeri- Design Manager & 8308983496	14/02/2026	3DM- 316013	Working in 2D & 3D environment, Creating 3D Solid Models, Assembly Drawing	IV	32	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PSO2
6	Mr. Mahesh Ghadge-Senior Manager-Maintenance, Tata Motors Pune	18/02/2026	IHP-316363	Introduction to Hydraulics & Pneumatic Systems and Hydraulics & Pneumatic Circuits	VI	29	PO1, PO2, PO3, PO4, PO5, PO6, PO7

CAYm1 2024-25:

Sr.No.	Name of Expert	Date of Expert Lecture	Course & Course Code	Topic	Year /SEM	No. of Students Attended	Relevance To POs and PSOs
1	Mr. Ashish Sonare	24/07/2024	PER-22562	Fuel Injection System	V	27	PO1 PO2 PO5
2	Mr.D.K.Mohan (8975072424)	8/9/2024	MEM-313317	Basic of Engineering Material	III	47	PO1 PO2 PO4 PO6 PO7
3	Mr. Arvind Paranjape- TATA Power Company & 9921013535	9/10/2024	PPE-22566	Introduction to Power Plants, Economic Analysis of Power Plants	V	25	PO1 PO2 PO3 PO4 PO5 PO6 PO7
4	Mr. Shubham Shinde (9527015069)	9/10/2024	ETM-22652	Use different batteries and Charging methods and Modes for E-Vehicles	III	53	PO1 PO2 PO5
5	Mrs. Aarti Soni & 6388148924	4/2/2025	ETM-22652	Recent Trends in Automobile Industry	VI	31	PO1 PO2 PO5
6	Mr. Ashwin Kadam & 9975629555	8/2/2025	EDE-22032	Entrepreneurship Development-Concept & Scope	IV/VI	48	PO1,PO6PO7

CAYm2 2023-24:

Sr.No.	Name of Expert	Date of Expert Lecture	Course & Course Code	Topic	Year /SEM	No. of Students Attended	Relevance To POs and PSOs
1	Mr. Pramod Deshmukh (8983416930)	2/8/2023	CAD-22042	Fundamentals of CAD drawing setup, Isometric Drawings	III/V	44	PO1 PO2 PO4 PO7 PSO2
2	Mr. Mangesh Thorat-CEO-Mudra Dies & Pattern Pvt.Ltd. (9503187878)	3/8/2023	AMP-22563	Non- Conventional Machining Processes	V	17	PO1 PO4 PO7
3	Mr. Chhagan Govinda Pawar (9545827444)	5/8/2023	TEG-22337 PPE-22566	Steam Boiler-Classification, Boiler Mountings & Accessories, Indian Boiler Regulation (IBR)	III/V	43	PO1 PO2 PO4 PO6 PO7
4	Mr. Rahul Ralebhate (9284863321)	8/8/2023	ETM-22652	Recent Trends in Automobile Industry-Types of Batteries & Charging Methods	V	11	PO1 PO2 PO5
5	Mr. Milind Dharmadhikari (8855836114)	24/08/2023	MEM-22343	Introduction to Non-Destructive Testing (NDT)	III/V	49	PO1,PO2,PO5,PO7
6	Ms. Jasmine Duggal	09/03/2024	APH-312308	Nanotechnology	II	50	PO1,PO2,PO7

Industry Expert Session:

C. Industrial visits/tours for students (3)

Institute Marks

3.00

Industry visit is a part of the education, during which students visits comapnies and get insight into the internal working environment of the company

Industry visits arranged by the department support classroom learning by giving students direct exposure to the work environment.

This helps identify what skills they are missing and prepares them

Real industry experience shared by experts helps students move from only book-based thinking to a more practical, real-world way of solving problems.

These interactions improve their technical skills and help them understand different job roles better.

Summary:

Sr.No.	Academic Year	No. of Industry Visits/Tours
1	CAY: 2025-26	04
2	CAYm1: 2024-25	07
3	CAYm2: 2023-24	07

CAY 2025-26:

Sr.No.	Name of Industry	Date	Course & Course Code	Topic	Year/ Semester	Resource Person with Designation	No. of Beneficiaries	Relevance to POs / PSOs
1	NDT Lab	12/07/2025	SOM-313308	Compressive and Tensile Test	III	Mr. D.M. Sonar-(Director 9823080321)	24	PO1 PO2 PO3 PO4 PO5 PO7 PSO2
2	Haier Appliances (India) Pvt.Ltd.	19/08/2025	PER-315371	Refrigerator-Application, Construction and Working	III	Ms. Sweety Sirse- (OD & Talent Management-HR & Admin)	28	PO1 PO2 PO3 PO4 PO5 PO6 PO7
3	Katraj Dairy	04/10/2025	PPE- 315374	Basic parts of power plants-boiler, cooling tower, condenser	V	Archana Narute-(Manager 7447441867)	25	PO1 PO4 PO5 PO6 PO7

4	Yeshshree Press Components Pvt.Ltd.	06/03/2026	PPR- 314340	Press & Accessories-Mechanical, Hydraulic Press, Components of Press tools, Jigs & Fixtures	III	admin@yeshshree.com 9607906039	24	PO1 PO2 PO3 PO4 PO7

CAYm1 2024-25:

Sr.No.	Name of Industry	Date	Course & Course Code	Topic	Year/ Semester	Resource Person with Designation	No. of Beneficiaries	Relevance to POs / PSOs
1	Sairam Engraving & Laser Making	4/10/2024	AMP-22563	Non-Conventional Machining Processes-LBM	V	Mr. Tushar Kolte Patil (CEO)	25	PO1 PO2 PO4
2	KAS Industries	4/10/2024	AMP-22563	Gear Manufacturing-Gear Hobbing Method	V	Mr. Kalidas S. Darekar (CEO)	25	PO1 PO2 PO4
3	Sant Tukaram Sugar Factory	7/10/2024	TEG-313310	High Pressure Boiler	III	santtukaramssk@yahoo.co.in 9689509292 9689759292	39	PO1 PO2 PO4 PO5
4	Pune Bhat Metals	05/02/2025	MEM-313317	Heat Treatment Processes	IV	Mr. Pravin Sonigram (9890976510)	31	PO1 PO2 PO4 PO6 PO7
5	Inspatech Engineering	27/02/2025	IEQ-22657	Quality Control & Inspection	VI	Mr. Amol Shinde (8149442553)	25	PO1 PO2 PO4 PO5 PO7
6	B.U.Bhandari Volkswagen Service Center	05/03/2025	AEN- 22656	Automobile Transmission, Suspension System, Control System	VI	Mr. Manoj Bobade (7972745644)	19	PO1 PO2 PO4 PO6 PO7
7	MSRTC Central Workshop	15/03/2025	AEN-22656	Automobile Transmission, Suspension System, Control System	VI	Mr. Gaurav Kale (9156481913)	30	PO1 PO2 PO4 PO6 PO7

CAYm2 2023-24:

Sr.No.	Name of Industry	Date	Course & Course Code	Topic	Year/ Semester	Resource Person with Designation	No. of Beneficiaries	Relevance to POs / PSOs
1	24 K Laboratories	12/08/2023	SOM-22306	Compressive and Tensile Test	III	HR Admin	34	PO1 PO2 PO3 PO4 PO5 PO7 PSO2
2	Jyoti Heat Treatment	12/08/2023	MEM-22343	Heat Treatment Processes	III	Mr. Shedge-Plant (Head)	34	PO1 PO2 PO4 PO6 PO7
3	Mudra Dies & Patterns Pvt. Ltd.	14/08/2023	AMP-22563	Non-Conventional Machining Processes-EDM, WEDM	V	Mr. Mangesh Thorat-(Director)	16	PO1 PO4 PO7
4	Piaggio Vehicles Pvt.Ltd.	30/08/2023	AEN-22656	Automobile Transmission, Suspension System	III / V	Mr. Santosh Bhosale- (HR Admin)	47	PO1 PO2 PO4 PO6 PO7
5	Nandan Dairy	30/08/2023	TEG-22337 PPE- 22566	High Pressure Boiler	III / V	Dr. Sachin Dhope-(Managing Director)	47	PO1 PO2 PO4 PO5
6	ACE Kudale Car Pvt.Ltd.	04/03/2024	AEN-22656	Wheel Alignment & Wheel Balancing	III	Mr. Sandeep Shelar- (Plant Head)	10	PO1 PO2 PO4 PO6 PO7
7	Green Energy Solar Partner	04/03/2024	RET- 22661	Solar Energy-Solar Collectors, Solar PV Systems, Solar Components	III	Mr. Deepak Zende-(Technical Head)	10	PO1 PO2 PO3 PO4 PO6 PO7

Industrial Visit:

Institute Marks

5.00

[illegible] students acquire skills relevant to current and future job markets.

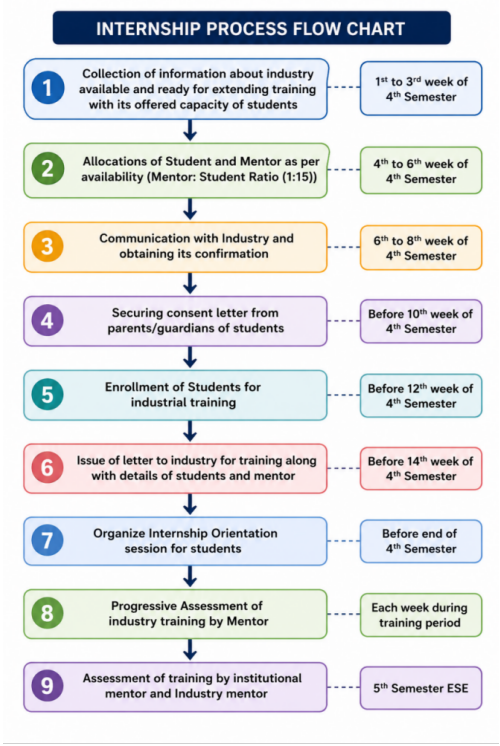
[illegible] on hands-on learning through practical sessions in [illegible], real-world projects, **internships** and major projects/seminars. This approach fosters a holistic understanding and prepares students for real-world challenges.

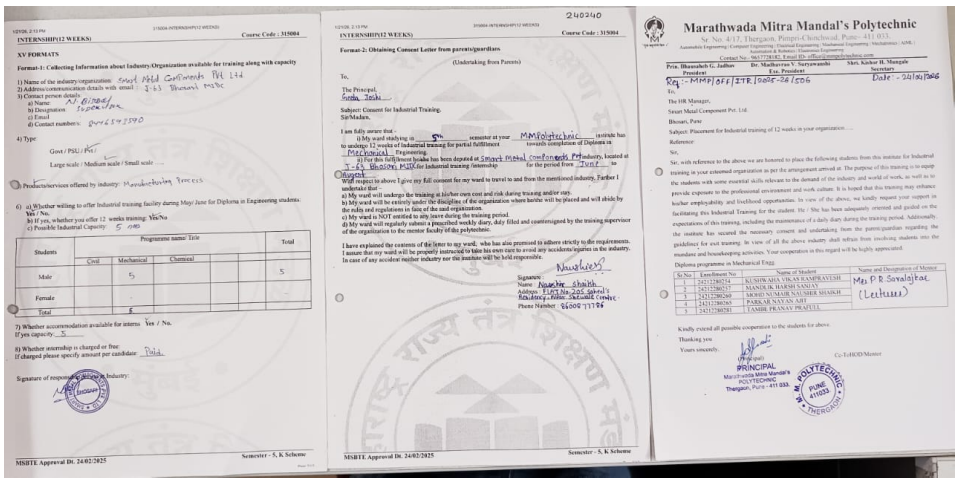
To bridge the gap between theory and industrial practice, the I-Scheme mandates 6 weeks and the K-Scheme (with effect from 2024-25) mandates 12 weeks of internship in industry environment, providing students with essential practical skills and exposure to real-world and work environments in line with guidelines of apex body

Duration for industrial training is in between 4th and 5th semester (i.e. in summer vacation)

Training area should be large and medium scale industry / organosation i.e. it can be manufacturing, fabrication, foundary or processing industry, power plants, railways, process plants, ordinance factories, textile factories, automobile manufacturers or major automobile workshops

The department undertakes the following procedural activities to ensure successful completion of the internship





Week-wise Student Activities during Industry Training:

Introduction of Industry and departments.

Study of Layout of Industry, Specifications of Machines , raw materials, components available in the industry

Study of setup and manufacturing processes

Execute given project or work assigned to the students, study of safety and maintenance procedures

Validation from industry mentor regarding project or work allocated

Report writing

Allocation of students to various industries:

Summary:

Sr.No.	Academic Year	No.of Industries	No.of Beneficiaries
1	2025-26	08	40
2	2024-25	12	55
3	2023-24	13	43

CAY: 2025-26

Sr.No.	Enrollment No.	Name of Student	Name of Industry	Industry Specialization	Name & Contact Person with Designation	Duration of Training
1	2209890091	KAMBLE SHILPA JAYVANT	V R Precision Pvt. Ltd	Manufacturing	Mr. Sachin Dhore HR Manager (hr@vrprecision.in 9373159272)	1st June 2025 to 31st August 2025
2	23212280427	PATIL SHUBHANGI BHOGESHWAR				
3	23212280447	THORE SAHIL PRAMOD				
4	24212280221	BANSODE TEJAS BABAN				
5	24212280222	BHARMAL SANSKAR SANDEEP				
6	24212280224	BIRADAR OMKAR GAURISHANKAR				
7	24212280231	DATIR RUSHIKESH SANDIP				
8	24212280266	PATHAN AYAN AMIR KHAN				
9	24212280268	PHUNDE RAJESH NIWRATTI				
10	24212280225	CHAMLE ASHLESHA VITTHAL	TATA Autocomp System Pvt. Ltd.	Manufacturing	Mr. Rohan Chouhan HR Executive (Rahan.chouhan@tataautocomp.com 7498063631)	
11	24212280227	CHAVAN SHREYASH SAMBHAJI				
12	24212280239	HIRE SOHAM SADASHIV				
13	24212280242	JADHAV RADHIKA JAGDISH				
14	24212280244	JOGDAND APEKSHA SUHAS				
15	24212280247	KAMBLE ADITYA SANTOSH				
16	24212280259	MATRE RADHA KHEMAJI				
17	24212280267	PATIL SIDDHANT SANTOSH				
18	24212280270	RATHORE RAHULSINGH KALYAN SINGH				
19	25212280397	KAMBLE NISHA SANDIPAN				
20	24212280274	SHAIKH SAAD MUSTAFA	Trident Technology Bhosari	Manufacturing	Mr. Shrikant Biradar- Owner- (tritechno2016@gmail.com 9075360733)	
21	24212280278	SHETE RUGVED RATNADEEP				
22	25212280395	BORASE DURGESH PRABHAKAR				
23	24212280254	KUSHWAHA VIKAS RAMPRAVESH	Smart Metal Component Pvt. Ltd.	Manufacturing	MR. N. Biswal Superviser (neeraj.mpe@gmail.com 8446593590)	
24	24212280257	MANDLIK HARSH SANJAY				
25	24212280260	MOHD NUMAIR NAUSHIR SHAIKH				
26	24212280265	PARKAR NAYAN AJIT				
27	24212280281	TAMBE PRANAV PRAFULL				
28	24212280279	SHINDE PRACHI MAHESH	MTSP Tools	Manufacturing	Mr. Akash Borse MD& CEO (trainings@mtsptools.com 7083857306)	
29	25212280396	BHOITE SUMIT SACHIN				
30	25212280408	GADHARI GANESH PRAVIN				
31	24212280246	KALSHETTI PRAVIN MALLIKARJUN	Industrial Packers	Manufacturing	Mr. Dev Kokane Manager Hr- (hr@industrial-packers.com 7030438877)	
32	24212280273	SATYAM RAMAKANT BHADADE				
33	24212280276	SHELKE HARSHADA SURESH				
34	24212280228	DADAS PRANAY GAJANAN	Exide Industries	Manufacturing	Mr. Rahul Sandge-Manager -Plant Hr- (rahul.sandge@exide.co.in 8805708100)	

35	24212280235	GATE SHIVTEJ ABHIMAN			
36	24212280258	MANE SATYAJIT GAJANAN			
37	24212280272	SAKHARE PRANAV SANJAY	Deeptechnik Engineering	Manufacturing	Vishal Gawade/Moreshwar Sarnobat -Partner- (deeptechnick1234@gmail.com 9822083284/9028764047)
38	25212280394	RAPHILSHOW DONIO ANTONY VIJAYKUMAR			
39	25212280407	SAYYAD ALMAS FARUKH			
40	25212280398	SHEKH KAMRAN SHABBIR			

CAYm1: 2024-25

Sr.No.	Enrollment No.	Name of Student	Name of Industry	Industry Specialization	Name & Contact Person with Designation	Duration of Training
1	23212280391	ABHANE AKSHATA VIDYADHAR	Diamond Engineering	Manufacturing-Hydraulic Cylinder & Machine Components	Mr. Rohan Desai-Proprietor (rohandeasi86@yahoo.co.in- 8888290462)	01st June 2025 to 31st August 2025
2	23212280419	MANE AKANSHA BHAURAO				
3	2209890084	JAMADAR SATISH SURESH				
4	23212280394	ASHISH KUMAR	ASK Engineers	Manufacturing	Mr. Vikas Kadam- Plant Head HR & Admin (vikas.kadam@askgroupindia.com-9970071119)	
5	23212280400	CHAUDHARI RITESH TUSHAR				
6	23212280401	CHAVAN PRANAV AJIT				
7	23212280409	GHORPADE SARTHAK SAJJAN				
8	23212280423	NAKHATE RAJ CHANDRAKANT				
9	23212280429	PAWAR RAKESH RANJIT				
10	23212280442	SONKAMBLE ADITYA BALAJI				
11	2209890076	GORKHE SHUBHAM KALURAM				
12	2209890094	KASABE RUSHIKESH BALAJI				
13	2209890104	NADAF SOHAIL RAJU				
14	24212280287	DANGADE VAISHNAVI ANIL				
15	24212280288	KALE SHREYASH SHIVAJI				
16	24212280289	KAMBLE NEHA BABU				
17	24212280292	MESHRAM RUTUL HEMCHAND				
18	24212280296	PRAJAPATI RAMU RAJENDRA				
19	23212280407	GANGARDE SHRUSHTI BALU	Alpha Dies & Pattern India Pvt.Ltd.	Manufacturing Moulding Pattern	Mr. Sangram Tayade-Business Development Manager (sangramtayade.alpha@gmail.com-7709011709)	
20	23212280440	SOMVANSHI MAYUR JITENDRA				
21	2209890081	JAGTAP AVISHKAR ARVIND				
22	23212280405	DHIWARE ARJUN SANJAY	B.U. Bhandari	VW, MG & Triumph Sales & Aftersales	Mr. Manoj Bobade- Technical Trainer (manoj.bobade@bubhandari.com- 7030041127)	
23	23212280411	GORE GAJANAN NAGORAO				
24	23212280430	PAWAR SUMIT DATTATRAY				
25	23212280436	SHAIKH FIZA ASIF				
26	23212280439	SHYAM GOVIND SHINDE				
27	2209890078	IDHATE TEJAL RAJU				
28	2209890097	LOHAR PRATHAM MARUTI				

29	2209890111	PRATHAMESH NILESHBAHI CHAUHAN			
30	2209890121	TELANG KARTIK SHIVSHANKAR			
31	23212280418	LOKHANDE SHUBHAM ASHOK	Inspatech Engineers	Service Industry	Mr. Amol Shinde- Application Head (ashinde@inspatechengineering.com- 8149442553/ 8956042676)
32	23212280451	YADAV ANAND DINESH			
33	2209890116	SHINDE AYUSH GORAKSH			
34	24212280290	LOLAGE ADESH VINAYAK			
35	24212280291	MATRE KSHITIJ PRAKASHRAO			
36	23212280424	PALAKHE AVISHKAR KISHOR	Artech Welders	Special Purpose Capacitor Discharge Projection / Stud Welding Machine	Mr. Pramodkumar Nair- Manager (pramod@artechwelders.com- 9822434881)
37	23212280410	GHORPADE SUMIT BHAUSAHEB	KAS Industries	Gear Manufacturing	Mr. Kalidas Darekar-Director (kalidasdarekar45@gmail.com- 8975351353)
38	23212280417	LOHAR OMKAR GANESH			
39	23212280399	CHAUDHARI NILESH KISHOR	Nexus Engineering	Manufacturing	Mr. Sachin C. Barkund-Director (Sachin.barkund@nexus.org.in- 9763743228)
40	23212280433	RAWOOL NIRANJAN DNYANESHWAR			
41	23212280434	SALIMATH ASHWITH RAHUL			
42	23212280435	SHAIKH ASGAR ASFAK			
43	23212280445	SWARAJ SACHIN BARKUND			
44	23212280446	TAIGOR VIKRAMSING LAKHANSING			
45	23212280397	BAWALE KOMAL BHANUDAS	Vasant Enterprises	VMC & CNC Machining	Mr. Manoj S. Patil-Production Manager (shrivasantenterprises@gmail.com- 8983726626)
46	23212280408	GANGAWANE AISHWARYA VIJAY			
47	23212280426	PATHAK PRASAD SHREEHARI			
48	2109890055	DHANDAR ADITYA SUNIL			
49	2109890055	MUSALE VIJAY VISHNU			
50	23212280438	SHELAR HARSHAD DEEPAK	Sankalp Steeltech	Service Industry	Mr. Deepak Narayan Shelar- Plant Head (deepak@sankalplasertech.com- 8799927473)
51	23212280412	JADHAV AYUSH DATTATRAYA	Trinity Engineers	Manufacturing	Mr. Agatrao Pawar- Head-HR (hr@trinityengineers.com- 9545715929)
52	24212280285	CHOUDHARY BHARATKUMAR VIRAMRAM	Deeptechnik Engineers	Gun Drilling Operation	Mr. Vishal Gawade- Plat Head (deeptechnik1234@gmail.com- 9822083284)
53	24212280286	CHOUDHARY MAHESH VIRAMRAM			
54	24212280297	RANE SUMITKUMAR SAMPAT			
55	24212280298	SHAIKH SAKIB MOULADI			

CAYm2: 2023-24

Sr.No.	Enrollment No.	Name of Student	Name of Industry	Industry Specialization	Name & Contact Person with Designation	Duration of Training
1	2209890106	PARINITA DATTATRAYA SAWANT	Osmoflow Engineering Services Pvt.Ltd.	Water Treatment	Mr. Makarand Ketkar- Engineering Manager (makarand.ketkar@osmoflo.com 020-66869500)	03rd June-13th July 2024
2	2209890096	KULKARNI GEETA LAXMAN	Winspiration Energy & Engineering Pvt.Ltd.	Piping Engineering Services	Mr. Akshay More- Sr. Engineer- Piping Stress (pravin@ween.co.in 8668984470)	
3	2209890120	TAWDE VAISHNAVI AMBADAS				
4	2209890124	VISHWAKARMA TRUPTI AMLESH				
5	2209890067	CHAVAN ONKAR DHANANJAY	Alpha Dies & Pattern Pvt.Ltd.	Foundry Tooling	Mr. Santosh Ghavate- Design Head (santosh@alphaindustry.net 9764442917)	

6	2209890118	SUTAR ADITYA JIJABA				
7	23212280453	GAIKWAD YOGESH SHIVAJI				
8	2109890061	GUJALE SANKET ANIL	KAS Industries	Gear Manufacturing	Mr. Kalidas Darekar- Propritor (kalidasdarekar45@gmail.com 8975351353)	
9	2209890110	PAWAR PRATHMESH SANTOSH				
10	2209890101	MOHALKAR SARTHAK DATTATRYA	M/S. Solitaire Engineers	Gear Manufacturing	Mr. Shripad Patil- Partner (ppc.solitaireengineers@gmail.com 986009881)	
11	2209890105	PANDIT NIRAJ AJIT				
12	2209890108	PAWAR KISAN VYANKATESH				
13	2209890109	PAWAR PRANAV POPAT				
14	2209890113	SALVE ABHIJEET SANJAY				
15	23212280457	NAIK ADARSH ASHOK	Armament Research & Development Establishment (ARDE)	Research, Design & Development	Mr. Bimal Gautam-Scientist("F") (rde.bimal@gmail.com 9881212062)	
16	2209890093	KANADE ASHWINI LALASAHEB	Tara Tools	Toolroom	Mr. Sachin Chavan- HR & Admin Head (accountsetaratools.com 9689910438)	
17	2209890103	MUJMULE SHWETA BHIMRAO				
18	2209890117	SHINDE PRITI VISHNU				
19	2209890114	SALVE SHREYA MUKESH	PMT Machine Limited	Machining Manufacturer	Mr. Shinde S.B.-Deputy Manager (sbs@pmtmachines.com 8600002675)	
20	2209890083	JAGTAP ROHAN SANDESH	NDT Metal Solution Laboratory	Service Industry	Mr. D.M.Sonar-CEO (ndtlaboratory@hotmail.com 9823080321)	
21	23212280455	KHARAT MAHESH PARAMESHWAR				
22	2209890092	KAMBLE SULAKSHANA VINOD				
23	2209890107	PATOLE SUPRABHA AMAR				
24	2209890062	ALTE AMIT DILIP	Shashwat Enterprises	Manufacturing	Mr. Tushar Shind- Director (tusharshinde24@gmal.com 9423552131)	
25	2209890066	BORSE PRATHMESH DIPAK				
26	2209890069	DAHALE KRISHNA RATNAKAR				
27	2209890071	DYANESH SUDAM SHELKE				
28	2209890073	GADE AMISHA ANIL	Diamond Engineering	Manufacturing	Mr. Rohan Desai-Propritor (diamondengineeringpune@gmail.com 8888290462)	
29	2209890079	JADHAV ANKITA SARANGDHAR				
30	2209890087	KALAL KOMAL JANARDHAN				
31	2209890125	WAGHMARE NAGNATH BALAJI				
32	2209890126	WAGHMARE RASHTRAPAL ANKUSH				
33	2209890063	ANKUSHE VITTHAL SANJAY	ASK Engineers	Manufacturing	Dhanashri Shinde-HR (dhanashri.shinde@askgroupindia.com 916877855)	
34	2209890065	BABAR GAURAV RAMESH				
35	2209890089	KAMBLE ANIKET SANDIPAN				
36	2209890090	KAMBLE RUSHIKESH Ramakant				
37	2209890119	SWAMI KAMLESH SHRISHAIL				
38	23212280456	MAHULKAR AADITYA JAYGURU				
39	23212280458	NIKALAJE RUTIK SAHADEV				
40	23212280460	PAWAR SANGHARSH TATYAJI				
41	23212280454	JADHAV MALHARI SUBHASH	Omega Moto Garage	Service Industry	Mr. Ajay Shinde-Manager (ajayshinde0092@gmail.com 9320991992)	
42	23212280461	SHINDE AJAY ARVIND				
43	23212280459	PARDESHI KUNAL DADASAHEB				

E. Post training/ internship Assessment (10)

Institute Marks

9.00

The student undergoing in plant training have to submit a report of the training.

The students are required to present the training content.

The students completing this training have to deliver a seminar on the training activities.

An internship includes 200 marks and evaluated through Formative Assessment and Summative Assessment.

Formative Assessment- Formative assessment contains 100 marks and marks are to be awarded for each week considering completeness of activity observed from the daily diary maintained

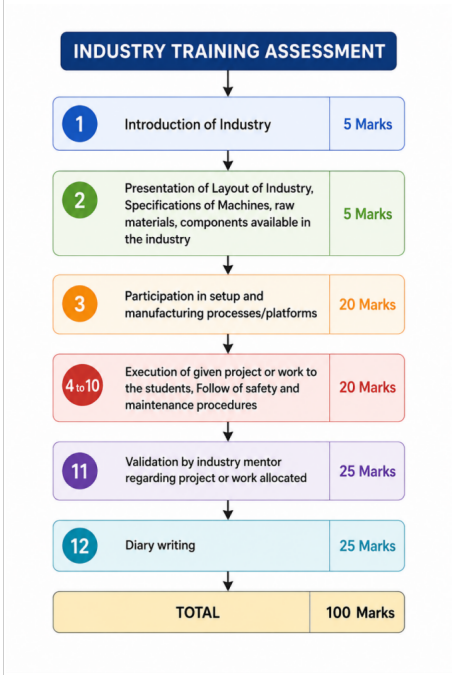
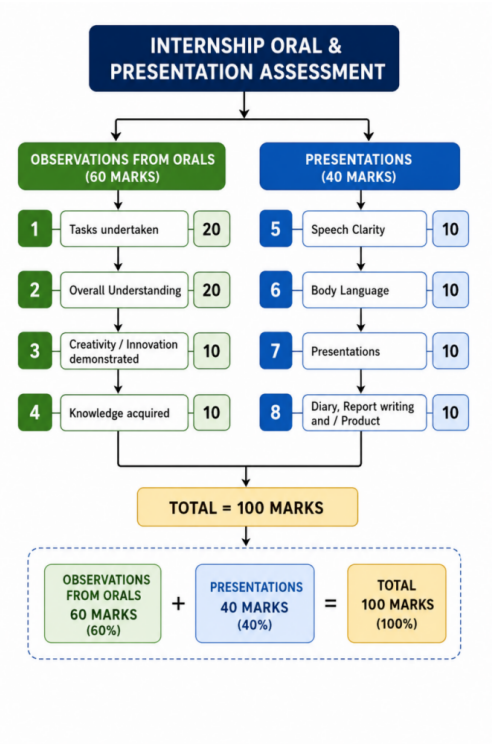


Fig **2.2.5** E **Formative Assessment**

Summative Assessment- Summative assessment contains 100 marks and final assessment is done by mentor along with industry/organization expert acting as the examiner, it includes assessment based on observations from oral examination and presentation



F. Contribution to Community related projects/activities (5)

Institute Marks

4.00

Mechanical Department actively contributes to community-related projects and activities, demonstrating social responsibility and engagement beyond academics. The following initiatives highlight our efforts:

Table no 2.2.5 F. Contribution to Community related projects/activities

Sr. No.	Activity	Date and Duration	No. of Students Contributed	Description

1	Student Volunteering in Bajaj Grand Tour Event (Pune)	23/01/2026 (1 Day)	30	Students volunteered in Cyclethon event supporting coordination, crowd management, and logistics while promoting fitness and social awareness.
2	Purple Jallosh 2025 (Divyang Mahotsav)	17/18/19 Jan.2025 (03 Days)	30	To provide physical assistance to the disabled attendees to navigate the event, helping them explore exhibits or guiding them to various activity areas
3	Special Camp on Rally, Cleanliness Drive, Water Campaign, Tree Plantation at Shindgaon	22/02/2025 (1 Day)	20	Aim to Students enthusiastically participated in cleanliness activities, plantation drives, and awareness rallies, spreading important social messages throughout the villagers regarding environmental protection, water conservation, hygiene, and social responsibility
4	Road Safety, Helmet awareness& Traffic rules Adherence	20/03/2024 (1 Day)	25	To promote safe driving practices and create awareness among students and the public about traffic regulations.
5	Cleanliness drive, Tree Plantation, at NGO-Gurukulam, Chinchwad	02/03/2024 (1 Day)	25	Students actively participated in cleaning the surroundings and planting saplings to encourage a greener and healthier environment

These activities reflect our commitment to community development, social responsibility, and holistic student growth, reinforcing the mechanical department's role as a contributor to both education and society.

Student Volunteering in Bajaj Grand Tour Event:

Purple Jallosh 2025 (Divyang Mahotsav):

2.2.6 Information Access Facilities and Student Centric Learning Initiatives (15)

Institute Marks

15.00

A. Availability of facilities & Effective Utilization; ***specify the facilities, materials and scope for self-learning, Webinars, NPTEL Podcast, MOOCs etc*** **(10)**

Institute Marks

10.00

Availability of facilities & Effective Utilization

Facilities:

I. Digital Library: Digital Library enables students to access different Model Question papers, Model answer papers etc. via FTP (File Transfer Protocol).

II. Entrepreneurship Development (EDP) Cell- Entrepreneurship Development Program is conducted for third year students under EDP Cell.

III. Smart Classroom assisted with ICT tools such as interactive board is used for delivering demonstrations, videos, and audio-visual content during lectures.

IV. Websites are suggested by MSBTE in curriculum which include educational video tutorials, instructional lectures, interactive presentations, animated explanations.

V. Digital Learning Center with Computers & Internet: The digital learning center is well equipped with computers and high-speed internet to support students in accessing e-learning resources, online courses, virtual labs, and technical software.

Materials:

I. **Reference Books:** Adequate number of standard reference books covering core subjects like Thermal Engineering, Theory of Machine, Design, Material Science, Fluid Mechanics, Engineering Drawing and so on

Availability of books by renowned authors

Latest edition of reference materials as per curriculum

Subject-wise and semester-wise arrangement for easy access

Multiple copies of high-demand books

Journals, and technical publications for advanced learning

Regular updating of books based on curriculum and industry needs

II. **Lecture Notes and Study Materials:** Lecture notes and study materials are faculty-prepared structured content provided to students to support effective teaching-learning and revision. It includes written notes, presentations, examples that help students understand syllabus topics, revise concepts, and strengthen self-learning

III. **Previous Year Projects and Reports:** Previous year projects and reports are the collection of completed student project works along with their documented reports, maintained for reference and learning by current students. They help in understanding project methodology, design process, analysis, and documentation format, and support development of new innovative projects

IV. **Stationary, Lab Manuals and Templates:** Stationary, lab manuals, and templates are essential academic support materials provided to students for smooth conduct of practical's, documentation, and academic work

V. **Scope for Self-learning (MOOCS):** Students can enhance knowledge through online platforms like Alison, coursera which offer flexible courses and certifications to support continuous learning and skill development beyond the curriculum

Table 2.2.6 A Effective Utilization:

Sr.No.	Facilities /Materials	Class	Beneficiary	Remark
1	Digital Access- Digital Library, Website	SY/TY	70	Anytime academic connectivity

2	Teaching-Learning- Smart Classrooms, notes, study materials	SY/TY	70	Interactive and structural learning
3	Skill Development- Digital Lab, MOOCs	SY/TY	70	Practical & self-paced learning
4	Academic Reference- Books, Previous year Projects	SY/TY	70	Deep understanding & reference support
5	Practical Work- Lab Manuals, Template's	SY/TY	70	Standardized practical execution
6	Innovation- EDP Cell	SY/TY	70	Entrepreneurship & startup skills

B. Student Centric Learning Initiatives & Effective Implementation (5)

Institute Marks

5.00

Table 2.2.6 B Student Centric Learning Initiatives

Student-Centric Initiative	Method of Implementation	Outcome
Project-Based Learning	Micro projects and group activities conducted in each semester	Improved practical skills and problem-solving ability
ICT Enabled Teaching	Use of smart boards, PPTs and virtual labs	Enhanced student engagement and understanding
Industrial Visits	Visits to industries and workshops arranged regularly	Exposure to industrial practices and technologies
Remedial Coaching	Extra classes conducted for slow learners	Improvement in academic performance
Skill Development Activities	Workshops, seminars, and expert lectures organized	Enhancement of technical competencies
Experiential Learning	Hands-on practical's	Improved learning through practical exposure
Online certification initiative	Students are encouraged to complete online certification courses through MOOC platforms.	Enhance technical and employability skills

Effective Implementation

Sr.No.	Student-Centric Initiative	No.of Activities (Beneficiary)		
		2025-26	2024-25	2023-24
1	Industrial Visits	04	07	07
2	Skill Development Activities	03	04	04
3	Online certification initiative	152	984	70

2.2.7 New Initiatives for embedding Professional Skills (15)

Institute Marks

14.00

A. Employability skill enhancement Initiatives and effective implementation (8)

Institute Marks

8.00

Core employability skill enhancement Initiatives and effective implementation

The department recognizes that employability skills are critical for enhancing student readiness for industry and entrepreneurship. The department has established a systematic framework to enhance core employability skills. The focus is on bridging the gap between academic learning and industry requirements by developing technical competencies along with essential soft skills.

Core Employability Skills Identified:

Based on curriculum requirements, industry interaction, and placement trends, the following key skills are emphasized:

- Communication Skills (Verbal and Written)
- Basic Technical and Practical Skills
- Teamwork and Leadership
- Problem-solving & Critical Thinking
- Digital Literacy and IT Skills
- Professional Ethics, Discipline, and Work Culture
- Time Management
- Entrepreneurship and Innovation
- Safety Awareness and Industrial Practices

Skill Enhancement Initiatives:

Curriculum-Integrated Activities:

- Inclusion of communication skills and life skills subjects
- Micro-projects and final year projects
- Technical paper and Quiz
- Technical workshops
- Practical-oriented laboratory sessions (IEQ- DOE Lean 6 Sigma)
- Awareness programs on entrepreneurship

Training and Development Programs:

- Personality development training
- Resume writing sessions
- Interview preparation sessions

Industrial Exposure:

- Industrial visits to manufacturing units and service industries
- Guest lecture by industry experts and alumni

Internship:

- Internship/in-plant training in between 4th and 5th semester (Summer Vacation)

Digital Skill Development:

- Online certification courses through platforms like Alison, Coursera
- Exposure to CAD tools or domain-specific software

Career Guidance and Placement Support:

- Pre-placement training programs
- Mock interviews and group discussion
- Career counselling sessions

Effective Implementation:

Process:

- Annual skill development plan prepared by training and placement cell
- Training and Placement Officer (TPO) coordinates all activities
- Departmental faculty coordinators assigned for mentoring and monitoring
- MoUs with industries for training and internships
- Technical paper presentation and Quiz competition
- Use of online platforms, digital contents
- Post-training evaluation
- Tracking placement and internship performance

Table 2.2.7 A Employability skill enhancement Initiatives and effective implementation

Sr.No.	Skill Enhancement Initiatives	No. of Activities (Beneficiary)			Remark
		2025-26	2024-25	2023-24	
1	**Industrial Exposure**	10	13	13	Strengthened core technical knowledge and analytical thinking
2	**Internship**	08	12	13	Promoted innovation, teamwork and practical application
3	**Digital Skill Development**	152	984	70	Hands-on exposure to latest tools and technologies
4	**Career Guidance and Placement Support**	13	12	01	Industry exposure and understanding of real-word processes

Mock interviews

B. Personality development related Initiatives & effective implementation (7)

Institute Marks

6.00

The department undertakes various personality development initiatives to enhance students overall professional readiness. These initiatives focus on improving communication skills, confidence, interpersonal abilities, and workplace behaviour, which are essential for employability.

Table 2.2.7 B Personality Development Initiatives:

Personality Development Initiative	Effective Implementation
Communication Skill Development	Group discussions, presentations, seminars, and public speaking activities are regularly conducted to improve communication skills.
Soft Skill Training	Training programs on interpersonal skills, leadership, teamwork, and professional ethics are organized.
Personality Development Workshops	Expert sessions and workshops on confidence building, grooming, time management, and stress management are arranged.
Student Participation in Technical Events	Students are encouraged to participate in technical paper presentations, project competitions, poster presentations.
Leadership Development Activities	Opportunities are provided through student associations, event management, and team-based projects to develop leadership qualities.
Entrepreneurship and Innovation Initiatives	Entrepreneurship awareness programs, startup guidance sessions, and innovation activities are conducted.
Career Guidance and Counselling	Career counselling, mentoring, and placement training sessions are conducted regularly.
Interview and Group Discussion Practice	Mock interviews and group discussion sessions are organized to improve confidence and placement preparedness.

Effective implementation:

Leadership Development:

Group Discussion:

Counselling Session:

2.2.8 Co-curricular & Extra Curricular Activities (10)

Institute Marks

10.00

Co-curricular and extra-curricular activities provide a firm platform for the overall development of students' skills. Such programs hone students' leadership qualities, team work, time management skills and stage daring. Students exhibit their creativity and extra-curricular skills. Students learn to organize an event and tackle the problems faced during organization. Utilizing the resources and solving the problems are the key skills developed through such programs.

Co-curricular Activities: Co-curricular Activities such as participation in paper presentation, quiz competition and project competition are organized. to enhance students' technical knowledge, research ability, practical skills, and effective communication. Participation in national project competitions like *'Dipex'* channelizes students' budding talent.

Extra-Curricular Activities: Extra curricular activities contains cultural activities, sports and social activities Students participate enthusiastically in "*MaMiTram*" celebration which is an annual social gathering. Under *MaMiTram* various activities like cultural programs, sports and other events are organized each year.

Cultural- Cultural activites Such as drama, singing, dancing, days celebrations in and around institution

Sports- Sports activities keep students physically tough and mentally sound. Sports activities are conducted to promote physical fitness, teamwork, leadership qualities, and overall personality development of students.Individual and group sport competitions are conducted for all the students.Students actively participate in institute-level sports activities, including both indoor and outdoor games, as well as in competitions organized by Inter Diploma Engineering Students Association (IDESSA) such as zonal and inter-zonal sports events.

NSS: Activities under National Service Scheme (NSS) are conducted to develop social responsibility, community engagement, leadership qualities, and ethical values among students.

MESA: MESA is a student-driven association of the Mechanical Engineering Department aimed at enhancing technical knowledge, leadership, and professional skills. Through MESA students actively participates in co-curricular and extracurricular activities

CAY 2025-26:

Table No. 2.2.8.1 Co-curricular & Extra Curricular Activities

Sr.No.	Particular	Date	Type of Activity (Co-curricular & Extracurricular) & Details	Organizing Body			No. of Beneficiaries	Releva nce to POs / PSOs
				Institute	MSBTE	Any Other		
1	NSS	02/03/2026	International Women's Day Celebration	MM Polytechnic	--	--	16	PO6
2		26/02/2026	Blood donation & Health check-up Camp	MM Polytechnic	--	--	76	PO6
3		Dec-2025 Jan-2026 Feb-2026	Lathi– Kathi Training, Yoga & Meditation, Health Check-up and Pathnatya	MM Polytechnic	--	--	76	PO6
4		11/01/2026 12/01/2026	Personality Development & Grooming Session for Diploma students - Kar Lo SAFALTA Mutthi Mein	MM Polytechnic	--	--	76	PO6
5		23/01/2026	Pune Grand Tour Cyclothon 2K26 with Pcmc Police	MM Polytechnic	--	--	50	PO6
6		19/01/2026	Youth Enlightenment and Personal Development: Swami Vivekananda and Today's Youth	MM Polytechnic	--	--	76	PO6
7		05/06/2025	Tree Plantation drive on the occasion of world Environment Day-5th June	MM Polytechnic	--	--	50	PO6
8	MESA	04/09/2025	Teachers Day Celebration	MM Polytechnic	--	--	76	PO6
9		25/09/2025	Digital Upvas	MM Polytechnic	--	--	76	PO6
10		17/10/2025	Diwali Celebration	MM Polytechnic	--	--	76	PO6
11	Co-curricular	09/01/2026	Technical Quiz Competition	--	Government PolytechnicAwasari	--	02	PO1,PO2,PO3,PO4,PO5,PO6,PO7, PSO1, PSO2
12		28/01/2026-01/03/2026	Project Competition	--	--	GMRT, Khodad, Pune	04	PO1,PO2,PO3,PO4,PO5,PO6,PO7, PSO1, PSO2
13		14/03/2026	NxtGen 2K26-Project Competition	MM Polytechnic	--	--	36	PO1,PO2,PO3,PO4,PO5,PO6,PO7, PSO1, PSO2
14	Extracurricular	24/01/2026	IEDSSA-Kho-Kho (Boys)	--	Mahadev Kanchan College Daund	--	03	PO6
15		03/02/2026	IEDSSA-Kho-Kho (Girls)	--	Eknath sitaram Divekar College of Pharmacy Varvand Daund	--	03	PO6
16		114/02/2026	IEDSSA- Volleyball Boys	--	I.T.E College Malegaon	--	01	PO6
17		08/02/2026-11/02/2026	IEDSSA-Cricket Boys	--	AISSMS Polytechnic Pune	--	04	PO6

18		Dec-Jan. 2026	Annual function	MM Polytechnic	--	--	76	PO6

CAYm1 2024-25:

Table No. 2.2.8.2 Co-curricular & Extra Curricular Activities

Sr.No.	Particular	Date	Type of Activity (Co-curricular & Extracurricular) & Details	Organizing Body			No. of Beneficiaries	Releva nce to POs / PSOs
				Institute	MSBTE	Any Other		
1	NSS	23/08/2024	Tree Plantation	MM Polytechnic	--	--	50	PO6
2		14/11/2024	Volunteers Activity-PCMC, Election Officer & Team	MM Polytechnic	--	--	50	PO6
3	Co-curricular	24/09/2024	Technical Paper Presentation-Industry 4.0-	--	MSBTE-SVPMs Institute of Technology & Engineering Malegaon (Bk) Baramati,	--	02	PO1, PO6, PO7
4		28/09/2024	Quiz Competition-HVAC & R	PCETs Pimpri Chinchwad College of Engineering & Research, Ravet	--	--	01	PO1, P2, PO6,PO7
5		05/02/2025	Project Competition-Innovision 2025-Tantra Utsav 2K25	JSPMS RSCOE Polytechnic-Tathawade	--	--	10	PO1,PO2,PO3,PO4,PO5,PO6,PO7, PSO1, PSO2
6		15/02/2025	Project Competition-Technofest 2K25	M.M. Polytechnic	--	--	40	PO1,PO2,PO3,PO4,PO5,PO6,PO7, PSO1, PSO2
7		20/03/2025	Intercollegiate Project Competition- Tech Titians 2K-25	PCP, Akurdi	--	--	02	PO1,PO2,PO3,PO4,PO5,PO6,PO7, PSO1, PSO2
8		24/03/2025	Project Competition-MSBTE- NIT, Kolhapur	--	New Institute of Technology, Kolhapur	--	04	PO1,PO2,PO3,PO4,PO5,PO6,PO7, PSO1, PSO2
9	Extracurricular	24/01/2025	IEDSSA- Football	--	AISSMS Polytechnic, Pune	--	02	PO6
10		28/01/2025	IEDSSA-Kho-Kho (Boys)	--	Eknath Divekar College of Pharmacy, Varvand, Daund, Pune	--	02	PO6
11		28/01/2025	IEDSSA-Kabaddi	--	Eknath Divekar College of Pharmacy, Varvand, Daund, Pune		01	PO6
12		05/02/2025	Vollyball (Boys)	--	MM Polytechnic, Thergaon, Pune	--	06	PO6
13		13/02/2025-17/02/2025	Sport- Cricket (Boys)	--	AISSMS Polytechnic, Pune	--	05	PO6
14		27/02/2025	Sport- Athletics (Boys) (800m.)	--	Sanas Ground, PVGs MIPT, Pune	--	01	PO6
15		27/02/2025	Sport-(Shot-Put)	--	Sanas Ground, PVGs MIPT, Pune	--	01	PO6
16		27/02/2025	Sport- Athletics (Boys) (Relay)	--	Sanas Ground, PVGs MIPT, Pune	--	01	PO6
17		Dec-Jan.2025	Annual Function	M.M. Polytechnic	--	--	90	PO6

CAYm2 2023-24:

Table No. 2.2.8.3 Co-curricular & Extra Curricular Activities

Sr.No.	Particular	Date	Type of Activity (Co-curricular & Extracurricular) & Details	Organizing Body			No. of Beneficiaries	Releva nce to POs / PSOs
				Institute	MSBTE	Any Other		
1	NSS	01/10/2023	Cleanness Drive	MM Polytechnic	--	--	40	PO6,PO7

2	Co-curricular	28/02/2024	Quiz Competition	Guru Govind Singh Polytechnic	--	--	02	PO1, PO6
3		20/03/2024-21/03/2024	Innovision- 2024 Project Competition	JSPM COE	--	--	04	PO1,PO2,PO3,PO4,PO5,PO6,PO7, PSO1, PSO2
4		01/04/2024	Tech Titans 2K24 Intercollegiate Project Competition	PC Polytechnic	--	--	04	PO1,PO2,PO3,PO4,PO5,PO6,PO7, PSO1, PSO2
5	Extracurricular	04/02/2024	KABADDI-IEDSSA	YSPM	--	--	02	PO6
6		04/02/2024	KHO-KHO-IEDSSA	YSPM	--	--	04	PO6
7		25/02/2024	Karate Championship- Team Kumite	Sports Karate-Do Association Pimpri Chinchwad	--	--	01	PO6
8		25/02/2024	Karate Championship-Weight Category	Sports Karate-Do Association Pimpri Chinchwad	--	--	01	PO6
9		Dec.-Jan. 2024	Annual Function	M.M. Polytechnic	--	--	60	PO6

3 COURSE OUTCOMES AND PROGRAM OUTCOMES (100)

Total Marks 95.00

Define the Program specific outcomes

PSO1	Maintenance of equipment & Instruments: Mainten
PSO2	Modern Software Usage: Use knowledge of simple

3.1 Establish the correlation between the courses and the POs and PSOs (20)

Total Marks 20.00

3.1.1 Course Outcomes (SAR should include course outcomes of one course from each semester of study, however, should be prepared for all courses) (5)

Institute Marks 5.00

Note : Number of Outcomes for a Course is expected to be 3 to 5.

Course Name : C1 01 **Course Year :** 2024-25

Course Name	Statements
C1 01.1	Apply the concepts of algebra to solve engineering (discipline) related problems
C1 01.2	Utilize trigonometry to solve branch specific engineering problems.
C1 01.3	Solve area specific engineering problems under given conditions of straight lines
C1 01.4	Apply differential calculus to solve discipline specific problems
C1 01.5	Use techniques and methods of statistics to crack discipline specific problems.

Course Name : C1 03 **Course Year :** 2024-25

Course Name	Statements
C1 03.1	Apply principles of sectional orthographic projections for drawing given pictorial views.
C1 03.2	Draw projection of lines and planes
C1 03.3	Draw projections of given solids for various orientations.
C1 03.4	Interpret curves of intersection for given solids.
C1 03.5	Draw development of lateral surfaces of various solids.

Course Name : C2 01 **Course Year :** 2024-25

Course Name	Statements
C2 03.1	Calculate the M.I. of the given object using relevant formulae & methods.
C2 01.2	Analyze the structural behavior of the given structural components under various loading conditions.
C2 01.3	Draw SFD and BMD for the given structural element under given loading conditions
C2 01.4	Determine the bending and shear stresses in beams under different loading conditions
C2 01.5	Analyze the direct & bending stresses in the structural members under eccentric loading conditions.

Course Name : C2 02 **Course Year :** 2024-25

Course Name	Statements
C2 02.1	Apply knowledge and skill related to different mechanisms and its motion in given situation.
C2 02.2	Determine velocity and acceleration for given mechanism.
C2 02.3	Develop a Cam profile for given type of Follower and its motions in given situation.
C2 02.4	Select the suitable power transmission devices for the given field/industrial application.
C2 02.5	Use knowledge and skills related to balancing of masses and vibration for various applications.

Course Name : C3 02 **Course Year :** 2024-25

Course Name	Statements
C3 02.1	Identify different components of I C Engines & its auxilaries

C3 02.2	Test the performance of IC engine.
C3 02.3	Maintain the reciprocating Compressors.
C3 02.4	Identify different components of gas turbines and jet engines.
C3 02.5	Test the performance of refrigeration and air conditioning systemtion and air-conditioning systems.

Course Name : C3 04 **Course Year :** 2024-25

Course Name	Statements
C3 04.1	Apply work study techniques to optimize manufacturing processes
C3 04.2	Prepare the detailed sequence of operations for manufacturing of components
C3 04.3	Apply ergonomic principle for designing simple mechanical component.
C3 04.4	Interpret the data obtained from the different quality control processes
C3 04.5	Interpret control charts for variable and attribute data

3.1.2 CO-PO matrices of courses selected in 3.1.1(Six matrices to be mentioned; one per semester from 1st to 6th semester) (5) Institute Marks 5.00

1 . course name : C201

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C101.1	3	1	-	1	-	1	1
C101.2	3	1	-	-	1	1	1
C101.3	3	-	-	-	-	-	-
C101.4	3	1	1	1	-	1	-
C101.5	3	2	1	1	1	1	-
Average	**3.00**	**1.00**	**0.40**	**0.60**	**0.40**	**0.80**	**0.60**

2 . course name : C203

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C103.1	3	3	-	2	-	2	2
C103.2	3	3	-	2	-	2	2
C103.3	3	3	-	2	-	2	2
C103.4	3	3	2	2	-	2	2
C103.5	3	3	2	2	-	2	2
Average	**3.00**	**3.00**	**0.80**	**2.00**	**0.00**	**2.00**	**2.00**

3 . course name : C301

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C203.1	1	1	1	2	1	-	1
C201.2	2	2	1	2	1	-	1
C201.3	2	2	1	2	1	-	1
C201.4	2	2	2	2	1	-	1
C201.5	2	2	1	2	1	-	1
Average	**1.80**	**1.80**	**1.20**	**2.00**	**1.00**	**0.00**	**1.00**

4 . course name : C302

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C202.1	3	-	-	2	-	-	2
C202.2	3	2	1	-	-	-	-
C202.3	3	2	3	2	-	-	1
C202.4	3	2	1	2	1	-	2
C202.5	3	2	1	2	2	-	1
Average	**3.00**	**1.60**	**1.20**	**1.60**	**0.60**	**0.00**	**1.20**

5 . course name : C402

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C302.1	3	-	2	-	3	-	2
C302.2	2	-	-	2	3	-	2
C302.3	2	2	-	3	3	-	2
C302.4	3	-	2	-	-	-	2
C302.5	2	-	-	2	-	-	2
Average	**2.40**	**0.40**	**0.80**	**1.00**	**1.80**	**0.00**	**2.00**

6 . course name : C404

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C304.1	3	2	2	2	-	2	2
C304.2	3	-	-	-	-	2	2
C304.3	3	2	2	2	-	2	2
C304.4	3	2	2	2	-	2	2
C304.5	3	2	2	2	-	2	2
Average	**3.00**	**1.60**	**1.60**	**1.60**	**0.00**	**2.00**	**2.00**

1 . Course Name : C201

Course	PSO1	PSO2
C101.1	1	1
C101.2	1	-
C101.3	-	-
C101.4	1	1
C101.5	1	1
Average	**0.80**	**0.60**

2 . Course Name : C203

Course	PSO1	PSO2
C103.1	2	3

C103.2	2	3
C103.3	2	3
C103.4	2	2
C103.5	3	2
Average	**2.20**	**2.60**

3 . Course Name : C301

Course	PSO1	PSO2
C203.1	-	-
C201.2	1	-
C201.3	-	1
C201.4	-	1
C201.5	1	-
Average	**0.40**	**0.40**

4 . Course Name : C302

Course	PSO1	PSO2
C202.1	1	-
C202.2	-	-
C202.3	1	-
C202.4	2	-
C202.5	1	-
Average	**0.40**	**0.00**

5 . Course Name : C402

Course	PSO1	PSO2
C302.1	2	-
C302.2	-	3
C302.3	3	-
C302.4	3	-
C302.5	-	3
Average	**1.60**	**1.20**

6 . Course Name : C404

Course	PSO1	PSO2
C304.1	-	-
C304.2	-	-
C304.3	-	-
C304.4	-	2
C304.5	-	2
Average	**0.00**	**0.80**

3.1.3 - A Program level Course-PO matrix of all courses INCLUDING first year courses (10)

Institute Marks
10.00

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C1101	3.00	1.25	1.00	1.00	1.00	1.00	1.00
C1102	1.00	1.00	1.00	0.00	1.00	3.00	1.00
C1103	3.00	1.50	1.00	1.50	1.50	1.00	1.00
C1104	1.00	2.00	1.00	3.00	0.00	0.00	1.67
C1105	1.00	1.00	0.00	2.00	0.00	0.00	1.00
C1106	3.00	0.00	0.00	2.80	2.20	3.00	1.00
C1107	3.00	0.00	0.00	2.00	0.00	2.00	0.00
C1201	2.60	1.80	1.33	1.33	1.20	1.00	1.20
C1202	3.00	1.33	1.00	1.66	1.50	1.50	1.50
C1203	3.00	3.00	2.00	2.00	0.00	2.00	2.00
C1204	1.80	1.80	1.20	2.00	1.00	0.00	1.00
C1205	3.00	2.00	2.00	2.00	0.00	2.00	2.00
C1206	1.00	1.00	1.00	0.00	1.00	3.00	1.00
C1207	1.00	1.33	1.00	1.00	2.80	2.80	3.00
C2301	1.80	1.80	1.20	2.00	1.00	0.00	1.00
C2302	3.00	1.80	1.80	1.25	1.00	0.00	1.40
C2303	3.00	1.00	0.00	1.00	0.00	1.00	1.00
C2304	2.80	2.40	1.00	0.00	0.00	0.00	0.00
C2305	1.25	1.00	1.00	1.25	0.00	0.00	1.00
C2306	1.00	2.00	0.00	1.00	2.00	0.00	1.00
C2307	1.80	1.00	1.00	1.00	1.00	1.00	1.00
C2308	2.00	2.00	2.00	3.00	0.00	2.00	0.00
C2401	1.00	1.50	2.00	0.00	3.00	1.80	2.60
C2402	3.00	2.00	1.50	2.00	1.50	0.00	1.50
C2403	3.00	3.00	2.50	3.00	2.00	3.00	2.50
C2404	3.00	1.00	0.00	1.00	0.00	1.00	1.00
C2405	3.00	2.75	2.00	3.00	0.00	0.00	2.00
C2406	2.00	2.00	2.00	2.00	0.00	3.00	2.00
C2407	2.00	1.00	2.00	2.00	0.00	0.00	2.00
C2408	3.00	2.00	2.00	2.00	0.00	0.00	3.00
C3501	2.50	2.00	0.00	1.00	2.25	1.00	2.00
C3502	2.40	2.00	2.00	2.33	3.00	0.00	2.00
C3503	2.33	2.00	1.00	2.00	0.00	0.00	2.00
C3504	2.00	3.00	2.50	2.00	2.00	2.00	2.00
C3505	2.00	2.40	2.50	2.00	1.67	0.00	2.67

C3506	3.00	1.00	1.67	3.00	0.00	0.00	2.00
C3507	1.25	1.00	0.00	0.00	1.00	1.00	1.50
C3508	3.00	3.00	3.00	3.00	3.00	2.00	2.00
C3601	1.40	1.25	1.00	1.50	1.40	0.00	1.00
C3602	1.40	2.83	3.00	3.00	0.00	0.00	0.00
C3603	2.00	1.00	1.00	2.00	0.00	2.00	1.83
C3604	3.00	2.00	2.00	2.00	0.00	2.00	2.00
C3605	3.00	2.00	0.00	2.00	0.00	0.00	2.00
C3606	2.33	3.00	0.00	2.67	0.00	0.00	1.50
C3607	1.33	1.67	1.80	1.67	1.67	1.83	1.67

3.1.3 - B Program level Course-PSO matrix of all courses INCLUDING first year courses

Course	PSO1	PSO2
C1101	1	1
C1102	1	1
C1103	1.25	0
C1104	1	1
C1105	1	0
C1106	1	0
C1107	0	1
C1201	1	1
C1202	0.50	0.50
C1203	0	1
C1204	1	0
C1205	0	1
C1206	1.20	1.00
C1207	0	0
C2301	1	1
C2302	1	1
C2303	2	0
C2304	2	0
C2305	0	0
C2306	0	0
C2307	0	2
C2308	1	2
C2401	0	0
C2402	1	0
C2403	2.50	3.00
C2404	1	0
C2405	1	0
C2406	1	2
C2407	0	1
C2408	1	3
C3501	0	0
C3502	2.67	3.0
C3503	1.00	2.00
C3504	2	2
C3505	1.80	0
C3506	0	2
C3507	0.50	0.25
C3508	2	3
C3601	1.60	1.40
C3602	3.00	0
C3603	2	2
C3604	0	2
C3605	2.33	0
C3606	2.40	0
C3607	1	1

3.2 Attainment of Course Outcomes (40) **Total Marks 35.00**

3.2.1 Describe the assessment processes used to gather the data upon which the evaluation of Course Outcome is based (10) Institute Marks 10.00

MSBTE has specified different assessment tools in assessment norms which are direct measure of performance of the students. The processes used to gather data for these tools are described below.

• Direct Assessment Tools: Class tests, SLA assignments/microprojects, term work.
• External Assessment Tools: MSBTE theory, practical, and oral examinations.
• Weightage Distribution: Internal – 30%, External – 70%.
• Evidence Maintained: Question papers, moderation records, model answers, evaluation sheets, project reports, attendance records, MSBTE result sheets.

1. Class Tests

• Structure: Two class tests are conducted each semester (mid-term and end-term) strictly as per the MSBTE academic calendar.
• Evaluation: Bitwise marks are analyzed for each student. Attainment is calculated based on the percentage of students scoring above the defined target threshold (e.g., 40% or 50%).
• Outcome Contribution: Provides direct evidence of student learning and contributes to 30% of internal assessment weightage.

2. Self-Learning Assessment (SLA)

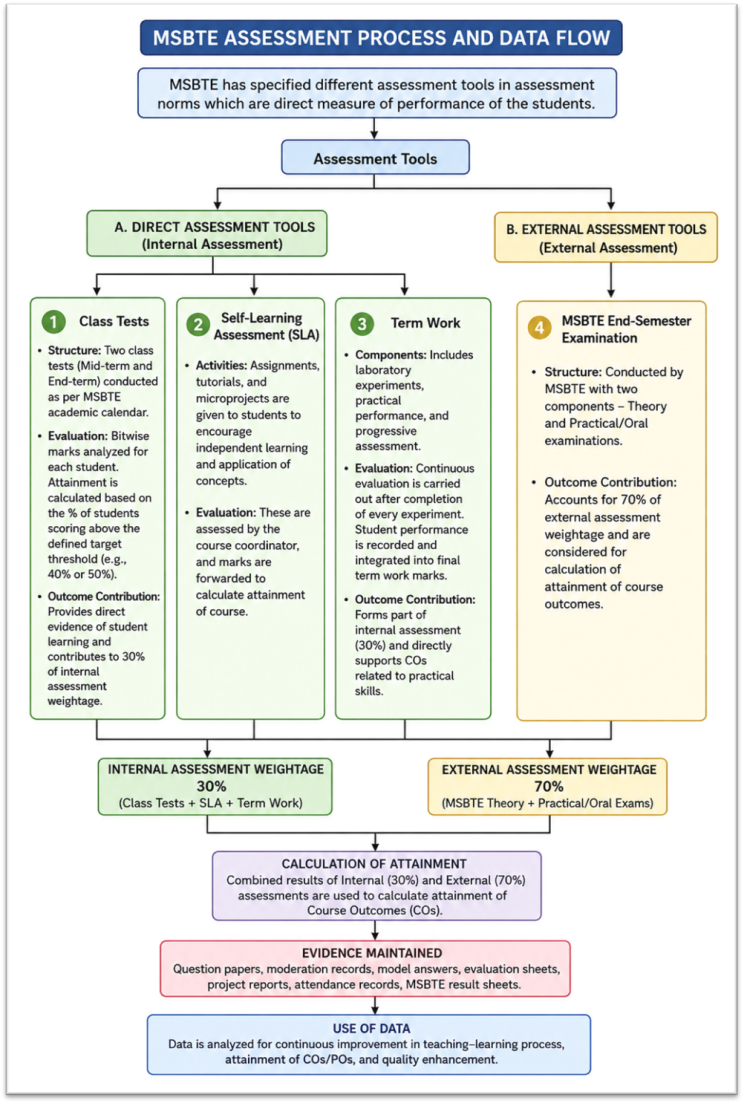
• Activities: Assignments, tutorials, and microprojects are given to students to encourage independent learning and application of concepts.
• Evaluation: These are assessed by the course coordinator, and marks are forwarded to calculate attainment of course.

3. Term Work

• Components: Includes laboratory experiments, practical performance, and progressive assessment.
• Evaluation: Continuous evaluation is carried out after completion of every experiment. Student performance is recorded and integrated into final term work marks.
• Outcome Contribution: Forms part of internal assessment (30%) and directly supports COs related to practical skills.

4. MSBTE End-Semester Examination

• Structure: Conducted by MSBTE with two components – Theory and Practical/Oral examinations.
• Outcome Contribution: Accounts for 70% of external assessment weightage are considered for calculation of attainment of course outcomes.



3.2.2 Record the attainment of Course Outcome of all courses with respect to set attainment levels (30)

Institute Marks

25.00

1. Setting of course Attainment Target

- Attainment levels are defined considering average performance in MSBTE Board examinations over the assessment years.
- Each course outcome (CO) is mapped to relevant Program Outcomes (POs) and Program Specific Outcomes (PSOs).
- Course targets serve as benchmarks for calculating attainment during evaluation.
- Following table shows a course target set for attainment.

%of Course Target	First Year	Second Year	Third Year
	45	48	51

CO - PO MAPPING AND CO - PSO MAPPING

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7
ME6104.1	3	2	2	2		2	2
ME6104.2	3					2	2
ME6104.3	3	2	2	2		2	2
ME6104.4	3	2	2	2		2	2
ME6104.5	3	2	2	2		2	2
Total	15	8	8	8		10	10
Correlation Level	3.00	2.00	2.00	2.00		2.00	2.00

Course Outcome	PSO1	PSO2	
ME6104.1			
ME6104.2			
ME6104.3			
ME6104.4		2	
ME6104.5		2	
MI302 TOTAL		4	
Correlation Level		2.00	

Course Target %	54

Fig. Course Target Set for Attainment calculation

2. Internal Assessment Contribution (30%)

- **Class Tests**: Two per semester, mapped to COs and Bloom's levels.
- **Self-Learning Assessment (SLA)**: Assignments/microprojects evaluated by course coordinators.
- **Term Work**: Practical performance and progressive assessment included.
- Attainment is calculated as the percentage of students scoring above the set target marks in each component.

MEASURING CO ATTAINMENT THROUGH CLASS TEST I

CLASS TEST-I

Roll No.	QUESTIONS	Q1_ANY 4 08 MARKS						Q2_ANY 3 12 MARKS						CO1	Total Attempted	%	Score based on scale of 3	CO2	Total Attempted	%	Score based on scale of 3	CO3	Total Attempted	%
	COURSE OUTCOMES	CO1	CO2	CO2	CO2	CO3	CO3	CO1	CO1	CO3	CO2													
	SUB QUESTIONS	A	B	C	D	E	F	A	B	C	D													
	Max. marks	2	2	2	2	2	2	4	4	4	4			10			10					8		
220244	PANDIT HEMALATT	2	2	2	2				4	4	3			6	6	100	Y	9	10	90	Y	4	4	100
220245	PARDESI DATTATRAYA SAWANT	2	2	1	2	2	0		4	4	3			6	6	100	Y	8	10	80	Y	6	8	75
220247	PAWAR KISAN YASHAVEEM	2	2	0	2	1.5		2	4	4	3.5			8	10	80	Y	7.5	10	75	Y	5.5	6	91.667
220249	PAWAR PRATHMESH SANTOSH	2	2	2	2	1.5	2	3	4	4	1			9	10	90	Y	7	10	70	Y	7.5	8	93.75
220262	SALVE ABHISHEK SANJAY	2	2	2	2	2			3.5	3.5	3			5.5	6	91.667	Y	9	10	90	Y	5.5	6	91.667
220267	SUTAR ADITYA HARA	2	2	2	0	2			2.5	3	3			4.5	6	75	Y	7	10	70	Y	5	6	83.333
220268	SWAMI KAMLESH SHIVDHAS	0.5							0.5	0	2.5			1	6	16.667	N	2.5	4	62.5	Y	0	4	
220269	TAWDE VAIBHAVI AMBADAS	2	2	2		2	0	4	4	4	4			10	10	100	Y	8	8	100	Y	6	8	75
220263	VISHWAKARMA TRUPTI AMLESH	2	2	2	2	2	1	4	4	4	3			10	10	100	Y	9	10	90	Y	7	8	87.5
220264	WAGHMARE NAGNATH BALAJI	2	2			1	1		4	3	4			6	6	100	Y	6	6	100	Y	5	8	62.5
220265	WAGHMARE RASHTRAPAL ANKUSH	2	2	2	2	2	2	4	4	4				10	10	100	Y	6	6	100	Y	8	8	100
220276	KAMBLE PREM RAHUL	1	2	0		2	2	3	1	2				3	10	30	N	2	4	50	N	6	8	75
220278	MASKALE SHIVANI SHIVAJI	2	2		2	2		4	1.5					7.5	10	75	Y	4	4	100	Y	2	2	100
230270	GAIKWAD YOGESH SHIVAJI	2	2	2	2	2		4	4		3.5			10	10	100	Y	9.5	10	95	Y	2	2	100
230271	JADHAV MALHARI SUBHASH	2	2	2	2	1	1			4	0			2	2	100	Y	6	10	60	Y	6	8	75
230272	KHARAT MAHESH PARMESHWAR	2	2	2	2	2	2		4	4	4			6	6	100	Y	10	10	100	Y	8	8	100
230273	MAHULKAR AADITYA JAYGURU	2	2	2	2	2	2	4	4	4	4			10	10	100	Y	10	10	100	Y	8	8	100
230274	NAIK ADARSH ASHOK	2	2		2	2			3.5	4	4			5.5	6	91.667	Y	8	8	100	Y	6	6	100
230278	SHINDE AJAY ARVIND	2	2		2	2	2		3	4				5	6	83.333	Y	4	4	100	Y	8	8	100
220248	PAWAR PRANAV POPAT	2	2	2	2				3.5	4				5.5	6	91.667	Y	6	6	100	Y	4	4	100
	Total Number of Students Attempted Question	39	39	35	31	32	23	13	38	39	33	0	0	0	0	Average CO1		87.5	90	Average CO2		81.7	90	Average CO3	91.3
														CO1	CO2	CO3								
													Average % of CO	90	90	97.3								

Fig. Measuring attainment through Class Test

MEASURING CO ATTAINMENT THROUGH SLA (Self Learning Assessment) / Microproject

Roll No.	Name of Student	SLA / Microproject	
		SLA / Microproject	Y/N
	Marks	10	
220264	WAGHMARE NAGNATH BALAJI	8	Y
220265	WAGHMARE RASHTRAPAL ANKUSH	9	Y
220276	KAMBLE PREM RAHUL	7	Y
220278	MASKALE SHIVANI SHIVAJI	7	Y
230270	GAIKWAD YOGESH SHIVAJI	9	Y
230271	JADHAV MALHARI SUBHASH	7	Y
230272	KHARAT MAHESH PARMESHWAR	9	Y
230273	MAHULKAR AADITYA JAYGURU	8	Y
230274	NAIK ADARSH ASHOK	8	Y
230278	SHINDE AJAY ARVIND	7	Y

CO Attainment	SLA / Microproject	
Total No. of students (M)	39	100.00
Total No. of students (N)	0	0.00

Fig. Measuring attainment through Self Learning Assessment

MEASURING CO ATTAINMENT THROUGH PRACTICAL ASSESSMENT

Total No Of Experiment	No of Experiment on perticular CO	Course Outcome with weitage				
		ME6I04.1	ME6I04.2	ME6I04.3	ME6I04.4	ME6I04.5
15		1	6	3	2	3
	% Waitage of CO	6.66667	40	20	13.3333	20

Roll No.	Name of Student	PR-PA	ME6I04.1		ME6I04.2		ME6I04.3		ME6I04.4		ME6I04.5	
220278	MASKALE SHIVANI SHIVAJI											
230270	GAIKWAD YOGESH SHIVAJI	23	1.53333	Y	9.2	Y	4.6	Y	3.06667	Y	4.6	Y
230271	JADHAV MALHARI SUBHASH	14	0.93333	Y	5.6	Y	2.8	Y	1.86667	Y	2.8	Y
230272	KHARAT MAHESH PARMESHWAR	23	1.53333	Y	9.2	Y	4.6	Y	3.06667	Y	4.6	Y
230273	MAHULKAR AADITYA JAYGURU	23	1.53333	Y	9.2	Y	4.6	Y	3.06667	Y	4.6	Y
230274	NAIK ADARSH ASHOK	19	1.26667	Y	7.6	Y	3.8	Y	2.53333	Y	3.8	Y
230278	SHINDE AJAY ARVIND	15	1	Y	6	Y	3	Y	2	Y	3	Y
220248	PAWAR PRANAV POPAT	21	1.4	Y	8.4	Y	4.2	Y	2.8	Y	4.2	Y

CO Attainment		ME6I04.1		ME6I04.2		ME6I04.3		ME6I04.4		ME6I04.5	
Total No. of students (M)		38	100.00	38	100.00	38	100.00	38	100.00	38	100.00
Total No. of students (N)		0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
CO Attainment		ME6I04.1	100.00	ME6I04.2	100.00	ME6I04.3	100.00	ME6I04.4	100.00	ME6I04.5	100.00

Fig. Measuring attainment through Term Work

3. External Assessment Contribution (70%)

- **MSBTE End-Semester Examination**: Theory, practical, and oral exams conducted under board guidelines.
- Attainment is calculated based on the number of students achieving above the benchmark score.

MEASURING CO ATTAINMENT THROUGH SEMISTER END ASSESSMENT (SEA)

Sr. No.	Name of Student→	TH-ESE	PR-ESE	SUM	PER	ME6I04.1		ME6I04.2		ME6I04.3		ME6I04.4		ME6I04.5		0	
	Marks	70	25	95	100	12	Y/N	12	Y/N	12	Y/N	16	Y/N	18	Y/N	0	Y/N
220264	WAGHMARE NAGNATH BALAJI	36	21	57	60	7	Y	7	Y	7	Y	10	Y	11	Y	0	
220265	WAGHMARE RASHTRAPAL	42	23	65	68	8	Y	8	Y	8	Y	11	Y	12	Y	0	
220276	KAMBLE PREM RAHUL	6	19	25	26	3	N	3	N	3	N	4	N	5	N	0	
220278	MASKALE SHIVANI SHIVAJI			0	0	0		0		0		0		0		0	
230270	GAIKWAD YOGESH SHIVAJI	44	23	67	71	8	Y	8	Y	8	Y	11	Y	13	Y	0	
230271	JADHAV MALHARI SUBHASH	31	17	48	51	6	N	6	N	6	N	8	N	9	N	0	
230272	KHARAT MAHESH PARMESHWAR	63	23	86	91	11	Y	11	Y	11	Y	14	Y	16	Y	0	
230273	MAHULKAR AADITYA JAYGURU	67	23	90	95	11	Y	11	Y	11	Y	15	Y	17	Y	0	
230274	NAIK ADARSH ASHOK	39	21	60	63	8	Y	8	Y	8	Y	10	Y	11	Y	0	
230278	SHINDE AJAY ARVIND	34	19	53	56	7	Y	7	Y	7	Y	9	Y	10	Y	0	
220248	PAWAR PRANAV POPAT	21	19	40	42	5	N	5	N	5	N	7	N	8	N	0	
	CO Attainment					ME6I04.1		ME6I04.2		ME6I04.3		ME6I04.4		ME6I04.5		0	
	Total No. of students (Y)					32	84.21	32	84.21	32	84.21	32	84.21	32	84.21		
	Total No. of students (N)					6	15.79	6	15.79	6	15.79	6	15.79	6	15.79	0	

Teaching Scheme	ME6I04.1	ME6I04.2	ME6I04.3	ME6I04.4	ME6I04.5	0
TH-ESE, PR-ESE	12	12	12	16	18	

Fig. Measuring attainment through MSBTE End-Semester Examination

4. Integration of assessment result

Internal (30%) and External (70%) attainment scores are combined for each CO.

Formula:

$$\text{CO Attainment} = (0.3 \times \text{Internal Attainment}) + (0.7 \times \text{External Attainment})$$

Final attainment levels are mapped to **Program Outcomes (POs)** and **Program Specific Outcomes (PSOs)** through CO–PO/PSO matrices.

TOTAL CO ATTAINMENT (CIA + SEA)						
CIA CALCULATIONS						
CO Attainment	ME6I04.1	ME6I04.2	ME6I04.3	ME6I04.4	ME6I04.5	0
Total % of students meet attainment	92.87	97.50	94.32	95.78	89.33	
SEA CALCULATIONS						
CO Attainment	ME6I04.1	ME6I04.2	ME6I04.3	ME6I04.4	ME6I04.5	0
Total % of students meet attainment	84.21	84.21	84.21	84.21	84.21	
(30%*CIA + 70%*SEA) CALCULATIONS						
CO Attainment	ME6I04.1	ME6I04.2	ME6I04.3	ME6I04.4	ME6I04.5	0
SUMMATION OF CIA % + SEA %	86.81	88.20	87.24	87.68	85.75	

Fig. Integration of assessment result

TOTAL CO ATTAINMENT (CIA + SEA)

Program has set course outcome attainment level for all courses. To measure course outcome attained target level is stated as percentage of students getting more than the level selected by program.

Level	Target			
1	60	% of Students to get	51	% Marks
2	65			
3	70			

Program defined attainment levels vs. target for Internal and Board Exams are,

Attainment Level	Target Level
Level 1	60% students got 51% of marks in all internal and external assessment then considered to be attainment of "1".
Level 2	65% students got 51% of marks in all internal and external assessment then considered to be attainment of "2".
Level 3	70% students got 51% of marks in all internal and external assessment then considered to be attainment of "3".

CO PO AND PSO ATTAINMENT

CO ATTAINMENT					
ME6I04.1	ME6I04.2	ME6I04.3	ME6I04.4	ME6I04.5	0
86.81	88.20	87.24	87.68	85.75	
Level	3	3	3	3	3

Level	Target			
1	60	% of Students to get	54	% Marks
2	65			
3	70			

CO-PO AND CO-PSO MATRICES

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ME6I04.1	3	2	2	2		2	2			
ME6I04.2	3					2	2			
ME6I04.3	3	2	2	2		2	2			
ME6I04.4	3	2	2	2		2	2		2	
ME6I04.5	3	2	2	2		2	2		2	
0										
TOTAL	15	8	8	8	0	10	10	0	4	0
Correlation Level	3.00	2.00	2.00	2.00		2.00	2.00		2.00	

DIRECT CO - PO & CO - PSO ATTAINMENT

Course Outcome / Program Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ME6I04.1	3.00	2.00	2.00	2.00		2.00	2.00			
ME6I04.2	3.00					2.00	2.00			
ME6I04.3	3.00	2.00	2.00	2.00		2.00	2.00			
ME6I04.4	3.00	2.00	2.00	2.00		2.00	2.00		2.00	
ME6I04.5	3.00	2.00	2.00	2.00		2.00	2.00		2.00	
0										
Average	3.00	2.00	2.00	2.00		2.00	2.00		2.00	

Fig. Final CO PO PSO Attainment

3.3 Attainment of Program Outcomes and Program Specific Outcomes (40) — **Total Marks 40.00**

3.3.1 Describe assessment tools and processes used for assesing the attainment of each POs and PSOs as mentioned in Annexure 1 (10) — Institute Marks 10.00

3.3.1. Describe assessment tools and processes used for assessing the attainment of each POs and PSOs as mentioned in Annexure 1 (10)

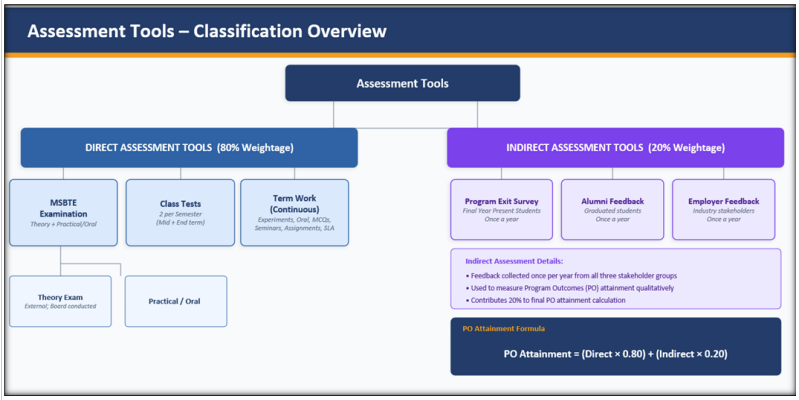


Fig 3.3.1.1: Assessment Tools for CO attainment

Assessment Tools

Assessment tools are broadly classified into two categories: **Direct Assessment Tools** and **Indirect Assessment Tools**.

Direct Assessment Tools

Direct Assessment Tools comprise three components: **MSBTE Examinations**, **Class Tests**, and **Term Work**.

MSBTE Examinations consist of two components — Theory and Practical/Oral — conducted at the end of each semester.

Term Work is assessed continuously as per the CIAAN (Curriculum Implementation and Assessment) norms of MSBTE and includes the following components: experiments, oral examinations, MCQs, seminars, information gathering, group discussions, report writing, and industrial visits.

Class Tests are conducted progressively — one mid-semester and one at the end of the term. Questions are designed in alignment with Course Outcomes. Assignments and practice tests based on Course Outcomes are also administered to support student preparation and improve performance.

Indirect Assessment Tools

Indirect Assessment Tools capture qualitative feedback from key stakeholders, including **Final Year Students** (through the Program Exit Survey), **Alumni**, and **Employers**. This feedback is collected once per academic year.

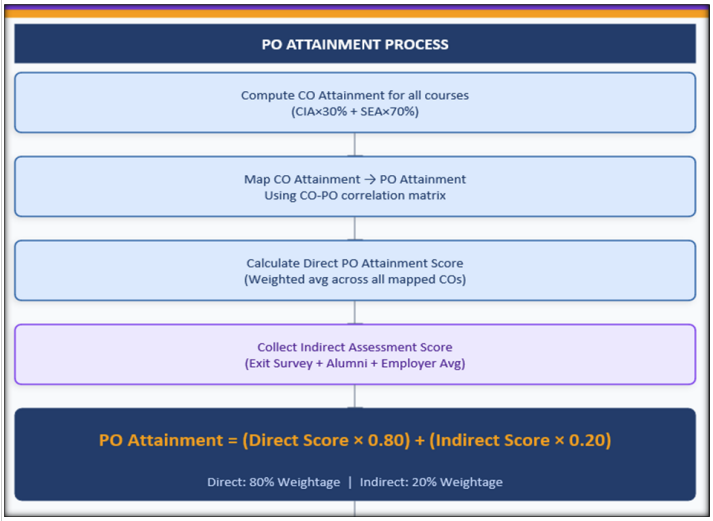


Fig 3.3.1.2 PO Attainment Process

Program Outcome (PO) attainment is determined based on the combined results of direct and indirect assessments. A weightage of **80%** is assigned to direct assessment and **20%** to indirect assessment, as per the institutional assessment policy.

PO Attainment = (Direct Assessment Score × 0.80) + (Indirect Assessment Score × 0.20)

3.3.2 Provide results of evaluation of each PO & PSO (30)

Institute Marks
30.00

PO Attainment

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C1101	1	0.42	0.33	0.33	0.33	0.33	0.33
C1102	0.33	0.33	0	0	0	0.67	0.33
C1103	3	1.50	1	1.50	1.50	1	1
C1104	1	2	1	3	0	0	1.27
C1105	1	1	0	0	3	1	1
C1106	3	0	0	2.80	2.20	3.00	1.00
C1107	3.00	0	0	2	0	2	0
C1201	2.60	1.80	1.33	1.33	1.20	1.00	1.20
C1202	3	1.33	1	1.16	1.50	1.50	1.50
C1203	1	1	0.67	0.67	0	0.67	0.67
C1204	0.87	0.87	0.53	0.93	0.47	0	0.47
C1205	1.00	0.67	0.67	0.67	0	0.67	0.67
C1206	0.33	0.50	0.67	0	0.33	1.40	0.47
C1207	1	1.33	1	1	2.80	2.80	3.00
C2301	0.87	0.87	0.53	0.93	0.47	0	0.47
C2302	1	1	0.60	0.42	0.33	0	0.47
C2303	1.40	0.73	0.67	0.67	0.67	0.47	0.67
C2304	2.80	2.40	1	0	0	0	0
C2305	1.50	1	1	1.25	0	0	1
C2306	1	2	0	1	2	0	1
C2307	1.80	1	1	1	1	1	1
C2308	2	2	2	3	0	2	0
C2401	0.33	0.50	0.67	0	1.00	0.60	0.87
C2402	1.00	0.67	0.50	0.67	0.50	0	0.50
C2403	1.40	2.00	0.83	1.00	0.67	2.00	0
C2404	0.60	0.20	0	0.20	0	0.20	0.20
C2405	1.40	1.08	0.83	1.40	0	0	0.93
C2406	2	2	2	2	0	3	2
C2407	2	1	2	2	0	0	2
C2408	3	2	2	3	0	0	3
C3501	0.83	0.67	0	0.33	0.75	0.33	0.67
C3502	1.07	0.67	0.67	1.22	1.00	0	0.93
C3503	2.33	2	1	2	0	0	2

C3504	1.22	1.67	1.50	1.17	1.33	0.67	1.20
C3505	2	2.40	2.50	2	1.67	0	2.67
C3506	2	2	2.60	2.17	0	2	2
C3507	1.25	1	0	0	1	1	1.50
C3508	3	3	3	3	3	2	2
C3601	0.47	0.42	0.33	0.50	0.47	0	0.33
C3602	0.47	0.94	1.00	1.00	0	0	0
C3603	2	3	2.50	2	2	2	2
C3604	3	2	2	2	0	2	2
C3605	3	2	0	2	0	0	2
C3606	2.33	3	0	2.67	0	0	1.50
C3607	1.33	1.67	1.80	1.67	1.67	1.83	1.67

PO Attainment Level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
Direct Attainment	1.61	1.39	1.22	1.48	1.26	1.38	1.24
InDirect Attainment	2.04	2.00	2.02	2.01	1.63	2.20	2.14
PO Attainment	1.70	1.51	1.38	1.59	1.33	1.54	1.42

PSO Attainment

Course	PSO1	PSO2
C1101	0.33	0.33
C1102	0.33	0.33
C1103	1.25	0
C1104	1	1
C1105	1	0
C1106	1	0
C1107	0	1
C1201	1	1
C1202	0.50	0.50
C1203	0.73	0.87
C1204	0.47	0
C1205	0	0.33
C1206	0.53	0.67
C1207	0	0
C2301	0.67	0.33
C2302	0.33	0.33
C2303	0.67	0
C2304	2	0
C2305	0	0
C2306	0	0
C2307	0	2
C2308	1	2
C2401	0	0
C2402	0.42	0
C2403	1.17	1.00
C2404	0.20	0
C2405	0.47	0
C2406	1	2
C2407	0	1
C2408	1	3
C3501	0	0
C3502	0.89	2.00
C3503	1	2
C3504	1.11	1.33
C3505	1.80	0
C3506	0	2
C3507	1	1
C3508	2	3
C3601	0.53	0.47
C3602	0.67	0
C3603	2	2
C3604	0	2
C3605	2.33	0
C3606	2.40	0
C3607	1	1

PSO Attainment Level

Course	PSO1	PSO2
Direct Attainment	0.99	1.28
InDirect Attainment	1.74	1.88
PSO Attainment	1.14	1.40

4 STUDENTS' PERFORMANCE (200) **Total Marks 110.89**

Institute Marks

Intake Information:

Table 4.1

Item	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)
Sanctioned intake strength of the program((N)	60	60	60	60	60	60
Total number of students, admitted through state level counseling (N1)	60	55	59	62	47	38
Number of students, admitted through Institute level quota (N2)	3	8	3	3	3	1
Number of students, admitted through Lateral Entry (N3)	0	15	15	9	21	13
Total number of students admitted in the programme(N1 + N2 + N3)	63	78	77	74	71	52

Table 4.2

Year of entry	Total No of students admitted in the program (N1 + N2 + N3)	Number of students who have successfully passed without backlogs in any year of study		
		I year	II year	III year
2025-26	63	0	0	0
2024-25	78	13	0	0
2023-24	77	15	20	0
2022-23 (LYG)	74	10	15	15
2021-22 (LYGm1)	71	9	10	10
2020-21 (LYGm2)	52	27	6	5

Table 4.3

Year of entry	Total No of students admitted in the program(N1 + N2 + N3)	Number of students who have successfully graduated in stipulated period of study) [Total of with Backlog + without Backlog]		
		I year	II year	III year
2025-26	63	0	0	0
2024-25	78	32	0	0
2023-24	77	34	32	0
2022-23 (LYG)	74	55	35	26
2021-22 (LYGm1)	71	39	22	20
2020-21 (LYGm2)	52	37	29	10

4.1 Enrolment Ratio (20) **Total Marks 20.00**

Institute Marks
20.00

	N (From Table 4.1)	N1 + N2 (From Table 4.1)	Enrollment Ratio [(N1 + N2 / N)*100]
2025-26	60	63	105.00
2024-25	60	63	105.00
2023-24	60	62	103.33

Average [(ER1 + ER2 + ER3) / 3] : 104.44

Assessment : 20.00

4.2 Success Rate in the stipulated period of the program (60) **Total Marks 11.47**

4.2.1 Success rate without backlogs in any year of study (40)

Institute Marks
6.00

Item	Last Year Graduate (2022-23)	Last Year Graduate Minus 1 Batch (2021-22)	Last Year Graduate Minus 2 Batch (2020-21)
Total Number of students (X) (admitted through state level counseling + admitted through Institute on Level quota + admitted through Lateral entry) (N1 + N2 + N3)	74.00	71.00	52.00
Number of students who have graduated without backlogs in the stipulated period (Y)	15.00	10.00	5.00
Success Index [SI = Y / X]	0.20	0.14	0.10

Average SI [(SI1 + SI2 + SI3) / 3] : 0.15

Assessment [40 * Average SI] : 6.00

4.2.2 Sucess rate in stipulated period (20)

Institute Marks
5.47

Item	Latest Year of Graduation, LYG (2022-23)	Latest Year of Graduation minus 1, LYGm1 (2021-22)	Latest Year of Graduation minus 2 LYGm2 (2020-21)
Total Number of students (X) (admitted through state level counseling + admitted through Institute on Level quota + admitted through Lateral entry) (N1 + N2 + N3)	74.00	71.00	52.00
Number of students who have passed in the stipulated period (Y)	26.00	20.00	10.00
Success Index [SI = Y / X]	0.35	0.28	0.19

Average SI[(SI1 + SI2 + SI3) / 3]: 0.27

Assessment [20 * Average SI] : 5.47

4.3 Academic Performance in First Year (25) **Total Marks 9.75**

Institute Marks
9.75

Academic Performance	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
Mean of CGPA or mean percentage of all successful students(X)	6.07	6.18	6.18
Total number of successful students(Y)	32.00	34.00	55.00
Totalnumber of students appeared in the examination(Z)	63.00	62.00	65.00
API [X*(Y/Z)]:	3.08	3.39	5.23

Average API [(AP1 + AP2 + AP3)/3] : 3.90

Assessment [2.5 * AverageAPI] : 9.75

4.4 Academic Performance in Second Year (20) **Total Marks 7.11**

Institute Marks
7.11

Academic Performance	2023-24(CAYm2)	2022-23(CAYm3)	2021-22(CAYm4)
Mean of CGPA or mean percentage of all successful students(X)	6.35	6.90	7.50
Total number of successful students (Y)	32.00	35.00	22.00
Total number of students appeared in the examination (Z)	49.00	64.00	60.00
API [X * (Y/Z)]	4.15	3.77	2.75

Average API [(AP1 + AP2 + AP3)/3] : 3.56

Assessment [2.0 * AverageAPI] : 7.11

4.5 Academic Performance in Final Year (15) **Total Marks 7.56**

Institute Marks
7.56

Academic Performance	2022-23 (LYG)	2021-22 (LYGm1)	2020-21(LYGm2)
Mean of CGPA or mean percentage of all successful students(X)	7.96	7.04	8.14
Total number of successful students(Y)	26.00	20.00	10.00
Totalnumber of students appeared in the examination(Z)	35.00	22.00	29.00
API [X*(Y/Z)]:	5.91	6.40	2.81

Average API [(AP1 + AP2 + AP3)/3] : 5.04

Assessment [1.5 * AverageAPI] : 7.56

4.6 Placement and Higher Studies (40) **Total Marks 40.00**

Institute Marks
40.00

Item	2022-23 (Last Year Graduate,LYG)	2021-22 (Last Year Graduate Minus 1 Batch,LYGm1)	2020-21 (Last Year Graduate Minus 2 Batch,LYGm2)
Total No of Final Year Students(N)	35.00	22.00	29.00
No of students placed in the companies or goverment sector(X)	17.00	14.00	24.00
No of students admitted to higher studies (Y)	16.00	6.00	1.00
No. of students turned entrepreneur in the respective field of engineering/technology (Z)	0.00	0.00	0.00
Placement Index [((1.25 * X) + Y + Z) / N] :	1.06	1.07	1.07

Average Placement [(P1 + P2 + P3)/3] : 1.07

Assessment [40 * Average Placement] : 42.80

Provide the placement data in the below mentioned format with the name of the program and the assessment year (separately for CAYm1, CAYm2 and CAYm3):

Program Name : Mechanical Engineering

Assessment Year : 2024-25 (CAYm1)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	GUJALE SANKET ANIL	2109890061	Yazaki India Private Limitec	
2	BORSE PRATHMESH DIPAK	2209890066	SKF India (Industrial) Ltd.,	
3	DAHALE KRISHNA RATNAK	2209890069	Bosch Chassis Systems I. F	
4	JADHAV ANKITA SARANGD	2209890079	Bosch Chassis Systems I. F	
5	KULKARNI GEETA LAXMAN	2209890096	Bosch Chassis Systems I. F	
6	PARINITA DATTATRAYA SA	2209890106	Osmoflo Engineering Servi	
7	SALVE ABHIJEET SANJAY	2209890113	1K2K Dosing and Dispensir	
8	GAIKWAD YOGESH SHIVAJ	23212280453	Alpha Dies and Pattern (In	
9	JADHAV MALHARI SUBHAS	23212280454	Jnana Prabodhini Technical	
10	KHARAT MAHESH PARMES	23212280455	Bosch Chassis Systems I. F	
11	SHINDE AJAY ARVIND	23212280461	Omega Moto Garage	
12	GAURAV RAMESH BABAR	2209890065	Vertiv Energy Pvt. Ltd.	
13	KISAN VYANKATESH PAWA	2209890108	Enkei Wheels (India) Limite	
14	DYANESH SUDAM SHELKE	2209890071	Bosch Chassis Systems I. F	
15	KOMAL JANARDHAN KALAL	2209890087	Bosch Chassis Systems I. F	
16	KANADE ASHWINI LALASA	2209890093	Bosch Chassis Systems I. F	
17	SHWETA BHIMRAO MUJML	2209890103	Bosch Chassis Systems I. F	

Assessment Year : 2023-24 (CAYm2)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	AKSHAY NARAYAN JADHAV	2109890041	Sandvik Asia Pvt Ltd.	

2	BORDE RUPALI DEVRAM	2109890049	SKF India Ltd, Pune	
3	CHALKE SUJATA PRADIP	2109890050	Dana anad India pvt,satara	
4	CHANDOLKAR ROHAN HAN	2109890052	TATA Motors	
5	GHODKE GANESH CHANDI	2109890060	Amphenol socapex pvt.Ltd	
6	JADHAV CHHAYA PANDURA	2109890063	Dana anad India pvt,satara	
7	JANGAM ASHISH GURULIN	2109890064	TATA Motors	
8	KADAM SANSKRUTI SANTO	2109890065	SKF India Ltd, Pune	
9	KOLTE NUPUR PANKAJ	2109890072	SKF India Ltd, Pune	
10	KORDE AVINASH PRABHU	2109890073	SKF India Ltd, Pune	
11	SAKHARE GANESH MALLIN	2109890085	SKF India Ltd, Pune	
12	SAKPAL KOMAL YASHWAN	2109890086	Dana anad India pvt,satara	
13	SAKHARE KIRTI MALLINAT	2209890435	SKF India Ltd, Pune	
14	SAWANT TUKARAM MOHA	2209890436	Electro dip, bhosari	

Assessment Year : 2022-23 (CAYm3)

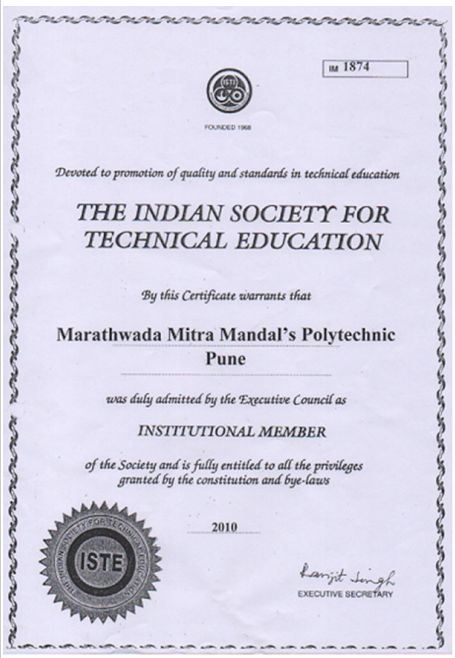
S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	ABHISHEK SHARAD KAPSE	2009890014	Bajaj Auto Ltd.	
2	BADIGER OMKAR GIRISH	2009890015	Bajaj Auto Ltd.	
3	CHALKE DIPALI RAMCHAN	2009890016	Dana Anand india PVT LTD	
4	CHALKE TEJAL TANAJI	2009890017	Dana Anand india PVT LTD	
5	CHIMATE SONALI SAKHAR	2009890018	Dana Anand india PVT LTD	
6	DERVANKAR GAURAV DASI	2009890021	Bajaj Auto Ltd.	
7	GULUNJKAR SOHAM SANT	2009890019	Thermax Pvt. Ltd.	
8	K MUKTA N	2009890023	Bajaj Auto Ltd.	
9	MAHAJAN GIRISH NARESH	2009890029	Bajaj Auto Ltd.	
10	MANE PRATHMESH VILAS	2009890031	Bajaj Auto Ltd.	
11	MHASKE SHIVAM VINOD	2009890033	Bajaj Auto Ltd.	
12	PADWAL SANIKA SANTOSH	2009890035	Dana Anand india PVT LTD	
13	PAWAR SAHIL ANKUSH	2009890037	Bajaj Auto Ltd.	
14	PRANAV RAJU KSHIRSAGA	2009890038	Bajaj Auto Ltd.	
15	RATHOD BALAJI SHIVAJI	2009890040	Taco punch power train Pv	
16	RAUT AKANKSHA ATMARA	2009890041	Bajaj Auto Ltd.	
17	SHELKE DNYANESHWARI D	2009890046	Dana Anand india PVT LTD	
18	SUPLEKAR AKSHADA JAYW	2009890049	Dana Anand india PVT LTD	
19	VINIT DASHARATH MANDL	2009890051	SKF india Ltd	
20	KHATAKE PARAMESHWAR I	2109890314	Wipropari Pvt. Ltd.	
21	SALUNKE SURAJ SITARAM	2109890321	UNO MINDA Pvt Ltd,Chaka	
22	WAGHMARE SHRUSHTI VI	2109890323	Bajaj Auto Ltd.	
23	SHIKALPURE MAHESH MA	2009890047	Taco punch power train Pv	
24	LANDGE DARSHAN BALASA	2109890318	3D Magic Info Solutions Pv	

4.7 Professional Activities (20) — **Total Marks 15.00**

4.7.1 Professional socities/ student chapters and organizing technical events (10) — Institute Marks 6.00

A. Availability of Professional Societies/Chapters & Relevant activities (5) — Institute Marks 3.00

1.Institute is having Life time ISTE membership, ID - 1874



ISTE Certificate

2. Mecahnical Engineering Student's Association (MESA)

1. Establishment of MESA: Department of Mechanical Engineering established the Mechanical Engineering Student Association (MESA) for the academic year 2025–26

2.Objectives of MESA: The objective of MESA is to enhance technical knowledge and develop soft skills like leadership, teamwork, creativity, and problem-solving among students.

3. Activities under MESA: Under MESA, various activities such as Avant, social activities, and technical workshops on different subjects will be organized.

4. Constitution of Committee: The MESA committee will consist of 09 members along with President, Vice President, and Faculty Coordinator from the Mechanical Engineering Department.

Mechanical Engineering Student Assosiation (MESA)

B. Number, quality of engineering events (5)

Institute Marks

3.00

Table no 4.7.1 B .1 Number and quality of engineering events (2025-26)

Sr. No.	Name of Event	Type of Event (Workshop / Seminar / Competition / Guest Lecture / Exhibition / Technical Fest)	Level (Institute / State / National / International)	Date / Duration	Number of Participants	Resource Persons / Experts	Quality Indicators / Outcomes
1	Workdhop on lean six sigma yellow belt in Robotics Precision Optimisation	Workshop	Institute	08/09/2025 & 09/09/2025	37	Mr. Santosh D. Awsarkar	Skill enhancement, industry exposure
2	Guest lecture on Design Process & CATIA Application	Guest Lecture	Institute	14-02-2026	47	Mr.Tanzeem Yadgeri	Skill enhancement, Technical awareness
3	Project Exhibition 2025-26	Technical Fest	State	14/03/2026	164	Mr.Rushikesh Kushire Mr.Pranay Subhedar	Innovation, project development

Table no 4.7.1 B. 2 Number and quality of engineering events (2024-25)

Sr. No.	Name of Event	Type of Event (Workshop / Seminar / Competition / Guest Lecture / Exhibition / Technical Fest)	Level (Institute / State / National / International)	Date / Duration	Number of Participants	Resource Persons / Experts	Quality Indicators / Outcomes
1	Workshop on Lean Six Sigma Yellow Belt Project	Workshop	Institute	01/08/2024 & 02/08/2024	36	Experts from Pursullence GBS LLP, Pune	Skill enhancement,industry exposure
2	Wokshop on Internet of Things-IoT	Workshop	Institute	25/08/2024 & 26/08/2024	36	Mr.Atharva Gaopande	Technical awareness, Skill enhancement
3	Workshop on Introduction to SolidWorks and Basic Modeling	Workshop	Institute	31/08/2024 & 01/09/2024	37	Mr.Vimal Oza	Skill enhancement,Technical awareness
4	Project Exhibition 2024-25	Technical Fest	State	15-02-2025	184	Experts From Industry	Innovation, project development

Table no 4.7.1 B. 3 Number and quality of engineering events (2023-24)

Sr. No.	Name of Event	Type of Event (Workshop / Seminar / Competition / Guest Lecture / Exhibition / Technical Fest)	Level (Institute / State / National / International)	Date / Duration	Number of Participants	Resource Persons / Experts	Quality Indicators / Outcomes
1	Workshop on Lean Six Sigma Yellow Belt Project	Workshop	Institute	28 & 29/08/2023, 01/09/2023, 27/12/2023	22	Mr. Santosh D.Awsarkar	Skill enhancement,industry exposure
2	Workshop on CNC & VMC	Workshop	Institute	18/12/2023 & 20/12/2023	35	Mr.Nagraj Hamilpure	Skill enhancement,industry exposure
3	Workshop on Creo Elements/Drafting and Modelling	Workshop	Institute	27/12/2023- 29/12/2023, 02/01/2024	22	Mr.Balasaheb Khalekar	Skill enhancement,Technical awareness

4.7.2 Publication of technical magazines, newsletters, etc. (5) Institute Marks

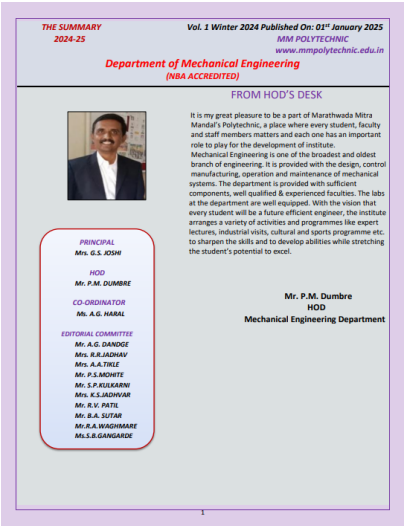
A. Quality & Relevance of the contents and Print Material (3) Institute Marks

2.00

Table 4.7.2 A. Details of Newsletter

Name of the Newsletter	Editors	Publication details
News Letter 2025-26	Chief Editor: Mr.Dumbre P.M. HOD Mech.Engg.	Volume 1 and Volume 2
	Editor: Faculty Members & Students Association of MESA	Faculty Members & Students Association of MESA
News Letter 2024-25	Chief Editor: Mr.Dumbre P.M. HOD Mech.Engg.	Volume 1 and Volume 2
	Editor: Faculty Members & Students Association of MESA	Faculty Members & Students Association of MESA
News Letter 2023-24	Chief Editor: Mr.Dumbre P.M. HOD Mech.Engg.	Volume 1 and Volume 2
	Editor: Faculty Members & Students Association of MESA	Faculty Members & Students Association of MESA

Mechanical Engineering Department News Letter



THE SUMMARY 2024-25

Vol. 1 Winter 2024 Published On: 01st January 2025

MM POLYTECHNIC

www.mmpolytechnic.edu.in

Department of Mechanical Engineering

(NBA ACCREDITED)

FROM HOD'S DESK

It is my great pleasure to be a part of Marathwada Mitra Mandal's Polytechnic, a place where every student, faculty and staff members matters and each one has an important role to play for the development of institute.
Mechanical Engineering is one of the broadest and oldest branch of engineering. It is provided with the design, control manufacturing, operation and maintenance of mechanical systems. The department is provided with sufficient components, well qualified & experienced faculties. The labs at the department are well equipped. With the vision that every student will be a future efficient engineer, the institute arranges a variety of activities and programmes like expert lectures, industrial visits, cultural and sports programme etc. to sharpen the skills and to develop abilities while stretching the student's potential to excel.

Mr. P.M. Dumbre
HOD
Mechanical Engineering Department

PRINCIPAL
Mrs. G.S. JOSHI

HOD
Mr. P.M. DUMBRE

CO-ORDINATOR
Ms. A.G. HARAL

EDITORIAL COMMITTEE
Mr. A.G. DANDGE
Mrs. R.R.JADHAV
Mrs. A.A.TIKLE
Mr. P.S.MOHITE
Mr. S.P.KULKARNI
Mrs. K.S.JADHVAR
Mr. R.V. PATIL
Mr. B.A. SUTAR
Mr.R.A.WAGHMARE
Ms.S.B.GANGARDE

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Department of Mechanical Engineering
(NBA ACCREDITED)

ABOUT DEPARTMENT

Mechanical Engineering is one of the core branches of engineering that drives industrial growth by converting raw materials into value-added products through design, manufacturing, and production processes. The department focuses on developing technically competent diploma engineers equipped to contribute effectively in sectors such as automobile engineering, manufacturing industries, energy systems, agricultural machinery, robotics, computer-aided design and manufacturing (CAD/CAM), and industrial automation.

Established in 2008 with an approved intake of 60 students, the department is supported by highly qualified and experienced faculty members with strong academic and industrial backgrounds.The department is equipped with modern laboratories, workshop facilities, a departmental library, and technology-enabled classrooms to ensure a strong blend of theoretical knowledge and practical skills.

To strengthen industry readiness, the department maintains active Industry–Institute Interaction (III) initiatives. MoU's have been signed with reputed organizations such as ANAND Automotive Ltd, Antech Microsystems Pvt. Ltd, and Kuuality – Innovative Engineering. The department also actively implements VLCI initiatives to align academic training with industry requirements

DEPARTMERNTAL GOALS

- Sound theoretical knowledge
- Hands-on laboratory skills
- Adequate computational skills
- Appropriate industrial exposure
- To enhance the overall academic performance of students
- To aim at placement of maximum number of students

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Department of Mechanical Engineering
(NBA ACCREDITED)

VISION

To excel as one of the leading departments in imparting quality education in Mechanical engineering and help students to be excellent professionals and worthy citizens

MISSION

To provide top quality education with balance of theoretical and practical knowledge through effective teaching learning method

To provide constructive environment with opportunities in association with industry, where students can learn, apply and enhance their skills in mechanical engineering

To develop students' professional skills and mould them into productive citizen.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: Ability to solve technical problem individually or as a team in the field of mechanical engineering

PEO2: Apply creative and innovative idea translating into working model, prototypes

PEO3: To lay a firm foundation of basic knowledge and practical skills for higher education, professional skills for industry

PROGRAM SPECIFIC OUTCOMES (PSOs):

PSO1: Maintenance of Equipment & Instruments: Maintenance of equipment instruments related to mechanical engineering

PSO2: Modern Software Usage: Use knowledge of simple design, drafting manufacturing , Maintenance and documentation in latest mechanical engineering related software

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Department of Mechanical Engineering
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GUEST LECTURES

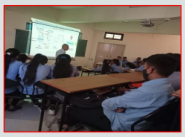
Class: SYME Date: 09/10/2024
Place: Seminar Hall

Guest Lecture on Exploring future of Electric Mobility

Class: SYME / TYME Date: 30/09/2022
Place: Seminar Hall

Guest Lecture on Blue Print to Become A Design Engineer

Class: SYME / TYME Date: 14/10/2022
Place: Class Room



Guest Lecture on Introduction to PPE,Its Principles,

Class: SYME / TYME Date: 24/11/2022
Place: Class Room

Guest Lecture on Alternative Fuels Components and Working

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Department of Mechanical Engineering
(NBA ACCREDITED)

INDUSTRIAL VISITS

Class: TYME
Date of Visit: 04/10/2024
Place of Visit: Sairam Engraving & Laser making, BHOSARI

Industrial Visit at Sairam Engraving & Laser making

Class: TYME
Date of Visit: 30/07/2024
Place of Visit: FMCII,MMCOE CAMPUS

Industrial Visit at FMCII

Class: TYME
Date of Visit: 04/10/2024
Place of Visit:KAS Industries,MIDC,BHOSARI

Industrial Visit at KAS Industries

Class: SYME
Date of Visit: 07/10/2024
Place of Visit: Shree Sant tukaram Sugar Factory,Kasarsai

Industrial Visit at Shree Sant tukaram Sugar Factory

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Department of Mechanical Engineering
(NBA ACCREDITED)

WORKSHOP / TRAINING

Class: TYME
Date: 26/09/2024- 28/09/2024
Topic: HVAC &R Workshop

HVAC &R WORKSHOP

Class: TYME
Date: 20/09/2024
Topic: Global Quality Management Workshop

Global Quality Management Workshop

Our Achievers

Third year Mechanical Engineering Student Sanket Gujale Secure Second Rank in Quiz Competition held during HVAC & R Workshop at PCCOE & R , Pune

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THE SUMMARY
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Department of Mechanical Engineering
(NBA ACCREDITED)

MOU AND ITS SCOPE

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH (IISER)

Indian Institute of Science Education and Research (IISER) through the Maharashtra State Development of Educators and Enhancement in Delivery (MS-DEED) Program supported by the Maharashtra State Faculty Development Academy (MSFDA)

The aim of collaboration is-

Improving the quality and engagement of faculty in the preparedness for NEP 2020

Excelling the teaching fraternity for effective and outcome-oriented classroom and lab engagement

Helping the teachers with skills in areas of scientific inquiry and problem solving

Motivating the teachers to imbibe critical thinking abilities among their students

Improving individual output for sustainable development of the teacher community

THE INSTITUTE OF TOOL ENGINEERING (ITE)

To motivate, support and guide students for identification, development and commercialization of their innovative ideas from conceptual stage in the field of engineering courses

To provide the resource personnel for workshops, expert lectures, competitions at institute

To support for technical / Non-technical events organized

To provide the resource person and guidelines to conduct training programs on various aspects of skill development, on job training, entrepreneurship relevant to industries

IIM BANGALORE THROUGH MIJSC

MIJSC would train the faculty in skills to identify the flow barriers and also give the inputs on soft skills which are as consultants

MIJSC will facilitate the delivery of Japanese Learning Conversational Competency Program using the service of partnering agencies

8

RUBICON FOUNDATION

To provide necessary training as per training program requirements and curriculum for delivery

To provide suitable faculties for the training exclusive for classroom training/virtual training

To conduct assessment of its own and also arrange external assessment as required

STAFF ACHIVEMENTS

Sr. No.	Staff Name	Title of the course	Organizing Institute	Date	Duration	FDP/ Course Completed
01	Mr.P.M.Dumbre	Industry 4.0 and A.I in Manufacturing Industry	MSBTE	14th -18th October,2024	05 Days	10
		Microstation	MSBTE	2nd -6th December,2024	05 Days	
02	Mr. A.G. Dandge	INDUSTRY 4.0	Digitech Engineers	10th -12th June 2024	03 Days	17
		Introduction to industry 4.0 & Industrial Internet of Things	RIT,Pune	24th -26th June 2024	03 Days	
		Introduction on Basics of AUTOCAD	MVP Nashik	18th -20th September 2024	03 Days	
		Innovative reaching learning practices in Engineering	RIT,Pune	3rd -5th October 2024	03 Days	
		Microstation	MSBTE	2nd -6th December,2024	05 Days	
03	Mrs. A.A.Tikle	Innovations in Robotics and UAVs	VNR VJET	30th July -3rd August,2025	05 Days	10
		Advances in Manufacturing	VNR VJET	15th -19th July	05 Days	

04	Ms.A.G.Haral	Cyber Security and ethical hacking	DR.D.Y.PATIL College of Engineering, Pune	26th -30th August, 2024	05 Days	7
		Recent Trends & Future of solar PV Technology	M M Polytechnic, Pune	4th -5th October 2024	02 Days	
05	Mr.P.S.Mohite	Industrial automation for Mechanical Engineer	MSBTE-Pimpri chinchwad Polytechnic,Pune	10th -14th February,2025	05 Days	06
		The basic concept of Solar Energy	Alision	6th March 2025	01 Day	
06	Mr.K.S.Jadhvar	The basic concept of Solar Energy	Alision	7th March 2025	1 Day	01
07	Mrs. R.R. Jadhav	The basic concept of Solar Energy	Alision	7th March 2025	1 Day	01
08	Mr.S.P.Kulkarni	Lean Manufacturing Practices Conclave	IIM,Banglore	15th -17th 2024	03 Days	03

SPORT ACTIVITY

On the occasion of National Sports day on 29th August 2025,various sports competitions are arranged like Push ups,Skipping,Burpees,Standing broad jumps,Squats etc. for students.

Sr.No.	Name of Student	Sport/Events	Rank
1.	Onkar Chavan	Push-Ups	I
2.	Vaishnavi Tawade	Push-Ups	II
3.	Onkar Chavan	Standing Broad Jump	III
4.	Vaishnavi Tawade	Standing Broad Jump	IV
5.	Vaishnavi Tawade	Squats	III

CO-CURRICULUAR ACTIVITY

TYPE OF ACTIVITY	NAME OF PARTICIPATING STUDENT	ORGANIZING BODY & INSTITUTE	AWARD
Paper Presentation	Waghmare Rashtrapal Dahale Krishna	MSBTE	Participation
Welding Workshop	SY Students	Autocluster	Participation
HVAC Workshop	TY Students	PCCOE &R, Pune	Participation
Global Quality Management Workshop	TY Students	Mechanical Department-MM Polytechnic	Participation
Internet Of Things Workshop	TY Students	Mechanical Department-MM Polytechnic	Participation
VLCI Training	SY Students	Mechanical Department-MM Polytechnic	Participation

Mechanical Engineering Department Magazine

B. Participation of Students from the program (2)

Institute Marks
2.00

Table 4.7.2 B. Students Participation for Magazine

2025-26		
Sr.No.	Year	Name of the Students
1	Third Year	Mr.Raj Nakhate
2	Second Year	Mr. Nayan Parkar
3	Third Year	Miss. Shrushti Gangarde (Editor)
4	Second Year	Mr. Sanskar Bharmal
5	Third Year	Mr. Arjun Dhiware (Editor)
6	Third Year	Mr. Shyam Shinde
7	Third Year	Mr. Rakesh Pawar
8	Second Year	Mr. Rahulsingh Rathod
9	Second Year	Miss.Prachi Shinde
2024-25		
Sr.No.	Year	Name of the Students
1	Third Year	Waghmare Rashtrapal Ankush (Editor)
2	Second Year	Shelar Harshad Deepak
3	Third Year	Tawade VaishnaviI Ambadas (Editor)
4	Third Year	Dahale Krishna Ratnkar
5	Third Year	Pawar Prathamesh Santosh
6	Third Year	Mahulkar Aaditya Jayguru
7	Third Year	Shelke Dyanesh Sudam
8	Third Year	Babar Gaurav Ramesh
9	Third Year	Jadhav Ankita Sarangdhar
10	Second Year	Gangarde Shrushti Balu
2023-24		
Sr.No.	Year	Name of the Students
1	Third Year	Avinash Korde (Editor)
2	Second Year	Krishna Dahale

3	Third Year	Ganesh Dhasale
4	Second Year	Dnyanesh Shelke (Editor)
5	Third Year	Saskruti Kadam
6	Third Year	Shambhu Dhumal
7	Second Year	Tawade VaishnaviI Ambadas
8	Third Year	Sakshi Dhumal

4.7.3 Participation in inter-institute / state/national events by students of the program of study (5)

Institute Marks
5.00

Table 4.7.3.1 Participation in inter-institute / state/national events by students of the program of study

Academic Year:2025-26				Program: Mechanical Engineering
Sr. No	Type of activity and details (paper presentation /project/ QUIZ etc.)	Date	Name of participating student	Award (Winner/ Participation)
1	Foot Step Power Generation GMRT Science Day Exhibition	28/02/2026 & 01/03/2026	Arjun Dhiware Ayush Jadhav, Ashwith Salimath Nilesh Chaudhari	Participation
2	MSBTE State Level Technical Quiz Competition	05/01/2026 to 09/01/2026	Mayur Somwanshi Swaraj Barkund	Participation
3	State Level Technical Event	24/01/2026	Shreyash Kale Shreyash Chavan	2nd Rank

Academic Year:2024-25				Program: Mechanical Engineering
Sr. No	Type of activity and details (paper presentation /project/ QUIZ etc)	Date	Name of participating student	Award (Winner/ Participation)
1	State Level Technical Paper Presentation (Industry 4.0)	24/09/2024	Dahale Krishna Rashtrapal Waghmare	Participation
2	Quiz Competition on HVAC & R	27/09/2024 & 28/09/2024	Sanket Gujale	3rd Rank
3	Quiz Competition on HVAC & R	27/09/2024 & 28/09/2024	Rashtrapal Waghmare	Participation
4	Quiz Competition on HVAC & R	27/09/2024 & 28/09/2024	Yogesh Gaikwad	Participation
5	Quiz Competition on HVAC & R	27/09/2024 & 28/09/2024	Geeta Kulkarni	Participation
6	Quiz Competition on HVAC & R	27/09/2024 & 28/09/2024	Prathmesh Borse	Participation
7	Quiz Competition on HVAC & R	27/09/2024 & 28/09/2024	Dnyanesh Shelke	Participation
8	Quiz Competition on HVAC & R	27/09/2024 & 28/09/2024	Prathmesh Pawar	Participation
9	Quiz Competition on HVAC & R	27/09/2024 & 28/09/2024	Ankita Jadhav	Participation
10	Quiz Competition on HVAC & R	27/0/2024 & 28/09/2024	Kisan Pawar	Participation
11	Quiz Competition on HVAC & R	27/09/2024 & 28/09/2024	Amit Alte	Participation
12	Quiz Competition on HVAC & R	27/09/2024 & 28/09/2024	Trupti vishwakarma	Participation
13	Quiz Competition on HVAC & R	27/09/2024 & 28/09/2024	Vaishnavi Tawade	Participation
14	Quiz Competition on HVAC & R	27/09/2024 & 28/09/2024	Gaurav Babar	Participation

15	Quiz Competition on HVAC & R	27/09/2024 & 28/09/2024	Abhijit Salve	Participation
16	Quiz Competition on HVAC & R	27/09/2024 & 28/09/2024	Ashwini Kanade	Participation
17	Quiz Competition on HVAC & R	27/09/2024 & 28/09/2024	Sarthak Mohalkar	Participation
18	Quiz Competition on HVAC & R	27/09/2024 & 28/09/2024	Krishna Dahale	Participation

Academic Year:2023-24				Program: Mechanical Engineering
Sr. No	Type of activity and details (paper presentation /project/ QUIZ etc	Date	Name of participating student	Award (Winner/ Participation)
1	Quiz Competition	28/02/2024	Sahambhu Pandurang Dhumal Ashish Guruling Jangam	Winner
2	Innovision- 2024 Project Competition	20/03/2024 & 21/03/2024	Sahambhu Pandurang Dhumal Sakshi Pandurang Dhumal Tukaram Mohan Sawant Ganesh Chandrakant Ghodke	Winner
3	Tech Titans 2K24 Intercollegiate Project Competition	01/04/2024	Akshay Narayan Jadhav Avinash Prabhu Korde Sanskruti Santosh Kadam Chaya Pandurang Jadhav	Consolation Prize

Sports Competition Participation (2025-26)				
Sr.No	Name of Student	Event Name & Venue	Date	Result
1	Rajesh N. Phunde Rahul S.Nimbalkar Tejas Pawar	KHO-KHO-IEDSSA	24/01/2026	Participation
2	Sanchita A.Dhanawade Radhika J. Jadhav Vaishnavi R. Magar	KHO-KHO-IEDSSA	03/02/2026	Participation
3	Rugved R.Shete	Volleyball Boys IEDSSA	14/02/2026	Participation
4	Siddhesh K.Motghare Sahil S.Mulla Donio A. Raphilshow Pranay S. Take	Cricket Boys	08/02/2026 to 11/02/2026	Participation
Sports Competition Participation (2024-25)				
1	Shreyash Shivaji Kale Pratyanch Ganesh Patil	Sport- Football	24/01/2025	Participation
2	Pranav Prafulla Tambe Rajesh Niwratti Phunde	Sport- Kho-Kho (Boys)	28/01/2025	Participation
3	Aditya Jijaba Sutar	Sport- Kabaddi	28/01/2025	Participation
4	Shubham Lokhande Gajanan Gore Harshad Shelar Pratyansh Patil Shyam Shinde Rakesh Pawar	Volleyball Boys IEDSSA	05/02/2025	Participation
5	Neha Babu Kamble	Tech-Torque-2025 State Level Tech-Competition- CAD War	05/02/2025	Second Rank
6	Aditya Jijaba Sutar Prathmesh Vitthal Dalimbkar Adarsh Shivaji Mule Dnyanesh Sudam Shelke Onkar Dhananjay Chavan	Sport- Cricket (Boys)	13/02/2025 & 17/02/2025	Second Rank

7	Dilip Krishnarao Ippili	Sport- Athletics (Boys) (800m.) (Shot-Put)	27/02/2025	Participation
8	Dilip Krishnarao Ippili	Sport- Athletics (Boys) (Relay)	27/02/2025	Participation
Sports Competition Participation (2023-24)				
1	Dyanesh Sudam Shelke	Football- IEDSSA	24/01/2024	Winner
2	Aditya Jijaba Sutar Kunal Dadasaheb Pardeshi	KABADDI-IEDSSA	04/02/2024	Participation
3	Aadrash Ashok Naik Gaurav Ramesh Babar Pranav Popat Pawar Mahesh Parmeshwar Kharat	KHO-KHO-IEDSSA	02/04/2024	Participation
4	Kunal Dadasaheb Pardeshi	Karate Championship-Team Kumite	25/02/2024	Winner- Gold Medal

5 FACULTY INFORMATION AND CONTRIBUTIONS (150)

Total Marks 131.79

Name	University Degree	Area of Specialization	Contribution to the program(% load)			Research Paper Publications	Faculty receiving Ph.D/M.Tech during the Assessment year	Current Designation	Initial Date of Joining	Association Type	At present working with the Institution(Yes/No)	In case of NO, Date of Leaving	IS Principal?
			CAY (2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)								
Mr. Dumbre P. M.	M.E.	DESIGN ENGG	100	100	83	4		HOD	01/08/2008	Regular	Yes		No
Mrs. Patil P. S.	M.E.	Heat Power Engineering	50	50	100			HOD	21/08/2009	Regular	Yes		No
Mrs Jadhav R. R	B.E.	CIVIL ENGINEERING	61	50	50			Lecturer	08/08/2022	Regular	Yes		No
Mr. Dandge A.G.	B.E.	MECHANICAL	100	82	68	4		Lecturer	08/08/2022	Regular	Yes		No
Mrs. Tikle A.A.	M.E.	Production Technology and management	100	100	0			Lecturer	31/07/2024	Regular	Yes		No
Mrs. Haral A.G.	M.E.	MECHANICAL (Design)	100	91	0			Lecturer	22/07/2024	Regular	Yes		No
Mrs. Savalajkar P.R.	M.E.	DESIGN ENGG.	100	0	0			Lecturer	14/07/2025	Regular	Yes		No
Ms Tejal Motankar	M.Sc (Maths)	Mathematics	34	0	0			Lecturer	01/08/2024	Regular	Yes		No
Ms.Dahale A.A	M.Sc	Chemistry	16	18	40			Lecturer	27/12/2021	Regular	Yes		No
Mrs.Jadhav J.S	MA (English)	English	30	0	0			Lecturer	01/07/2025	Regular	Yes		No
Mr.Dangat A.M	M.Sc	Physics	16	0	0			Lecturer	04/08/2025	Regular	Yes		No
Mrs.Talnikar P.A	M.E.	VLSI and Embedded	18	0	0			Lecturer	01/07/2025	Regular	Yes		No
Mrs. Khese S.B.	B.E.	Electrical	58	0	0			Lecturer	02/07/2025	Regular	Yes		No
Mr. P.S. Mohite	M.E.	Mech-Thermal	0	70	0			Lecturer	31/07/2024	Regular	No	31/05/2025	No
Mr. S. P. Kulkarni	B.E.	Mechanical	0	90	0			Lecturer	12/07/2024	Regular	No	31/05/2025	No
Mr. K.S. Jadhavar	B.E.	Mechanical	0	43	0			Lecturer	03/04/2024	Regular	No	31/05/2025	No
Mrs. Bhosale S.S.	M.E.	Communication	5	29	14			Lecturer	17/11/2021	Regular	Yes		No
Mrs Patil M.S.	M.Sc	Mathematics	0	50	6			Lecturer	05/08/2008	Regular	Yes		No
Mr. Randive J.D.	MBA	English	9	13	35			Lecturer	08/08/2022	Regular	Yes		No
Ms. Shete A.P.	M.Sc	Physics	16	38	0			Lecturer	01/08/2024	Regular	Yes		No
Mrs. Lakhe M.C.	Ph.D	Chemistry	0	10	0			Lecturer	06/07/2013	Regular	Yes		No
Mrs. Sabnis M.J.	M.Sc	Chemistry	0	10	0			Lecturer	18/06/2024	Regular	No	30/04/2025	No
Mr. Sakhare P. K.	M.E.	Mechanical Engineering	0	0	50			Lecturer	08/08/2022	Regular	No	31/12/2024	No
Mrs. Chaudhari A.A.	M.E.	Machine Design	0	0	46			Lecturer	17/07/2023	Regular	No	31/05/2024	No
Mr. Ghogare S.P.	M.Sc (Maths)	Mathematics	0	0	50			HOD	21/07/2008	Regular	Yes		No
Mr. Mhalankar G.S.	B.E.	Mechanical	100	0	0			Lecturer	13/06/2025	Regular	Yes		No
Ms. Meher A.A.	M.Sc	Physics	0	0	42			Lecturer	14/08/2023	Regular	No	31/05/2024	No
Mrs. Badve R. S.	M.E.	E & TC	0	0	9			Lecturer	17/07/2023	Regular	No	24/08/2024	No
Ms. S.P.Patil	B.E.	Electrical	0	0	25			Lecturer	24/07/2023	Regular	Yes		No
Mr.Gaikwad N.M.	B.E.	Mechanical Engineering	5	0	0			Lecturer	16/08/2023	Regular	Yes		No
Ms.A.D.Nandapure	Ph.D	Chemistry	17	0	0		2026	Lecturer	05/08/2025	Regular	Yes		No

5.1 Student-Faculty Ratio (SFR) (25)

Total Marks 25.00

Institute Marks
25

Year	N	F	SFR=N/F
2025-26(CAY)	192	9.35	20.53
2024-25(CAYm1)	192	8.44	22.75
2023-24(CAYm2)	192	6.18	31.07

Average SFR : 24.78

Assesement SFR : 25

5.1.1. Provide the information about the regular and contractual faculty as per the format mentioned below:

	Total number of regular faculty in the department	Total number of contractual faculty in the department
2025-26(CAY)	15	0
2024-25(CAYm1)	11	0
2023-24(CAYm2)	11	0

5.2 Faculty Qualification (25) **Total Marks 16.42**

5.2.1 Faculty Qualification Index (20)

Institute Marks
16.42

	X	Y	F	FQ = 2 x [(10X + 7Y) / F)]
2025-26	5	4	8.00	19.50
2024-25	4	4	8.00	17.00
2023-24	3	3	8.00	12.75

Average Assessment : 16.42

5.2.2 Availability of Faculty/principal of that discipline with PhD. Qualification (5)

Institute Marks
0

Availability of Faculty/principal of that discipline with PhD. Qualification ? : NO

5.3 Faculty Retention (20) **Total Marks 15.00**

Institute Marks
15.00

Description	2024-25 (CAYm1)	2025-26 (CAY)
No of Faculty Retained	8	8
Total No. of Required Faculty	9	9
% of Faculty Retained	89	89

Average : 88.89

Assessment Marks : 15.00

5.4 Faculty as participants in Faculty development/training activities conducted by other organizations (30) **Total Marks 29.37**

Institute Marks
29.37

Name of the faculty	Max 5 Per Faculty		
	2022-23 (CAYm3)	2023-24 (CAYm2)	2024-25 (CAYm1)
Mr. Dandge A.G.	5.00	5.00	5.00
Mr. Dumbre P. M.	0.00	0.00	4.00
Mr. K.S. Jadhavar	0.00	0.00	0.00
Mr. Mhalankar G.S.	0.00	0.00	2.00
Mr. P.S. Mohite	0.00	0.00	2.00
Mr. Randive J.D.	2.00	2.00	5.00
Mr. S. P. Kulkarni	0.00	0.00	5.00
Mr. Sakhare P. K.	5.00	5.00	0.00
Mrs Jadhav R. R	1.00	0.00	3.00
Mrs Patil M.S.	2.00	5.00	5.00
Mrs. Chaudhari A.A.	0.00	0.00	0.00
Mrs. Haral A.G.	0.00	0.00	3.00
Mrs. Patil P. S.	5.00	5.00	0.00
Mrs. Savalajkar P.R.	0.00	0.00	0.00
Mrs. Tikle A.A.	0.00	0.00	4.00
Sum	18.00	20.00	33.00
RF = Number of Faculty required to comply with 25:1 SFR as per 5.1	7.68	7.68	7.68
Assessment [6*(Sum / 0.5RF)](Marks limited to 30)	28.12	30.00	30.00

Average assessment over 3 years (Marks limited to 30): 29.37

5.4. a. Organized/ Conducted FDPs and STTP by this department at State / National Level (12) **Total Marks 8.00**

Institute Marks
8.00

Table No. 5.4.a. Organized FDPs By Mechanical Department

Sr. No.	Academic Year	Name of FDP / STTP	Level (State / National)	Duration (From–To)	Mode (Online/ Offline/Hybrid)	Sponsoring / Collaborating Agency	Number of Participants	Resource Persons / Experts	Coordinator(s)	Outcomes / Impact
1	2023-2024	Moderation methods workshop (Teaching Pedagogy)	State	29/09/2023 To 30/09/2023	Offline	ŠKODA AUTO Volkswagen India Private Limited.	28	Mr. Mukul-Pal Chowdhury, Head - Group Training Academy, ŠKODA AUTO Volkswagen India Private Limited.	Mr. Gundla R.J.	1. Enhanced Teaching Effectiveness through Diverse Moderation Techniques 2. Improved Capability to Select and Apply Suitable Teaching Methods 3. Professional Development in Content Design and Delivery Skills
2	2024-2025	Curriculum Implementation for Faculty Development	State	24/06/2024 To 03/07/2024	Offline	Maharashtra State Faculty Development Academy (MSFDA), Indian Institute of Science Education and Research(ISSER)	28	1. Mrs. Geeta Joshi (MSFDA, ISSER, Master Trainer) M. M. Polytechnic, Pune 2. Mrs. Mohini Patil (MSFDA, ISSER, Master Trainer) M. M. Polytechnic, Pune	Mrs. Mohini Patil	1. Effective Curriculum Delivery and Planning. 2. Enhanced Pedagogical and Instructional Practices 3. Continuous Professional Growth and Quality Improvement
3	2024-2025	Basic Qualification Fundamental Training	National		Offline	ŠKODA AUTO Volkswagen India Private Limited.	20	Mr. Dhiraj Valvi (Technical Trainer) M. M. Polytechnic, Pune	Mr. Gundla R.J.	1.Develop fundamental knowledge of automobile systems and maintenance practices. 2.Enhance practical skills in diagnostics, servicing, and modern vehicle technologies. 3.Improve teaching effectiveness through updated knowledge and industry-oriented methods.
4	2025-2026	BQ Basic Electrical Training	National		Offline	ŠKODA AUTO Volkswagen India Private Limited.	20	Mr. Atmaram Desai (Technical Trainer, ŠKODA AUTO Volkswagen India Private Limited.	Mr. Gundla R.J.	1. Develop fundamental knowledge of automobile electrical systems and components. 2. Enhance practical skills in electrical diagnostics, servicing, and troubleshooting. 3. Improve technical and teaching effectiveness through modern electrical technologies.

5.5 Product development, Consultancy, Manufacturing contracts, testing contracts (8)

Total Marks 8.00

Institute Marks
8.00

Table No. 5.5. List of Product Development , Consultancy , Manufacturing contracts, Testing Contracts

Sr. No.	Type of Activity (Product Development / Consultancy / Manufacturing / Testing)	Name of Project / Contract / Service	Academic Year	Industry / Client Name	Faculty / Staff Involved	Revenue Generated (₹)
1	Product Development	MSBTE 6th Semester Manual of Micro-Electro Mechanical System	2025-2026	MSBTE	Mr. Dandage A.G.	₹ 7000/-
2	Consultancy	Guidance for the NBA Compliance	2024-2025	Samarth Polytechnic, Belhe.	Mr. Dumbre P.M.	₹ 5000/-
		Behavioural Training Session	2025-2026	ASK Tchno Solution	Mr. Dumbre P.M.	₹ 5000/-
3	Manufacturing Contract	Material Carrying Trolley	2025-2026	M.M. Vidya Mandir, Pune	Mr. Dandage A.G. & Mr. Harihar J.B.	₹ 15,392/-
		BRC Bracket, Lock Bush,	2025-2026	Nexus Engineering Solution Pvt. Ltd.	Mr. Dandage A.G. & Mr. Sagar Mahesh	₹ 3177/-
		Job on CNC & VMC machine	2023-2024 & 2024-2025	Smarth Tech Engineering	Mr. Dandage A.G. Mr. Sagar Mahesh Mr. More D.M.	₹ 8,17,260/-
		Job on CNC & VMC machine	2024-2025	REALTECH PRECISION ENGINEERING GAT NO. 1325	Mr. Dandage A.G. Mr. Sagar Mahesh Mr. More D.M.	₹ 31,208/-
		Job on CNC & VMC machine	2025-26	SMS Enterprises	Mr. Dandage A.G. & Mr. Sagar Mahesh	₹ 2002/-
4	Testing Contract	Material Testing on Universal Testing Machine	2023-2025 & 2025-2026	M.M. College of Pharmacy, Pune	Mrs. Jadhav R.R. & Mr. Patil R.V.	Nil
Total Amount						₹ 8,86,039/-

5.6 Faculty Performance Appraisal and Development System (FPADS) (30)

Total Marks 30.00

A. A well-defined FPADS instituted for all the assessment years (5)

Institute Marks
5.00

Objectives of Faculty Performance Appraisal and Development System (FPADS)

- Continuous Improvement : The system ensures continuous improvement in teaching, practical skill development, and profession development, fostering a culture of excellence.
- Accountability: It holds faculty members accountable for their activities, ensuring that all members are responsible for their performance
- Promotion and tenure: The appraisal process helps in identifying faculty members for promotion and tenure, ensuring that the best talent is retained and promoted.
- Feedback loop: It creates a feedback loop that enables continuous growth across the institution, allowing faculty to develop valid data for promotion.

These objectives collectively contribute to the vision and mission of the institution aligning faculty development with the broader institutional mission

The Key Performance Parameters for teaching faculty are classified as follows:

Table no 5.6 A.1 Key Performance Parameters for teaching faculty

Sr.	Section	Marks
1	Teaching Learning Process	21
2	Performance of Result	20
3	Self Development Punctuality	6
4	Institute Level Activities	28
5	Feedback 1. Student	25

	2. Head of Department 3. Principal 4. Peer Group	
	Total	100

The Key Performance Parameters for Non teaching staff are classified as follows:

Table no 5.6 A.2 Key Performance Parameters for Non teaching staff

Sr.	Section	Marks
1	Involvement in lab development	5
2	Lab Maintenance Work	5
3	Institutional Activities	20
4	Feedback 1 Student 1 Head of Department 1 Principal 1 Peer Group 1 Interdepartmental work	30
5	Self Development , Punctuality	5
	Total	65

The Sample appraisal form is as follows :

MARATHWADA MITRA MANDAL'S POLYTECHNIC,
Thergaon, Pune-33
Performance appraisal for teaching faculty 2025-26

Name of Staff: -

Designation: -

For Period: - _____ TO _____

Department: -

1. Teaching Learning process (21 Marks)

S. No.	Teaching Learning process	Marks allotted	Committee observations (Odd Sem)	Committee observations (Even Sem)	Marks Obtained
1	CO-PO Mapping with justification	02			
2	Average attendance of students (More than 80%)	01			
3	Updated theory/practical attendance sheets	01			
4	Teaching/ Practical plan prepared and updated	01			
5	% of lectures conducted against planned (80%)	01			
6	Practical continuous assessment/SLA complete	01			
7	Chapter wise question bank (2 Marks,4 Marks or objective questions)	01			
8	Subject Related Notes	01			
9	CO-PO attainment of last year including current year	02			
10	Sample papers and analysis/model answer: - CT-I, CT-II, MSBTE	01			
11	Chapter wise test conducted and action taken on poor student	01			
12	Course related materials: - PPT, Videos, Models, etc.	01			
13	Lab manual/Master manual prepared	01			
14	Identified Curricular gaps and its Appropriateness	01			
15	Industry visits and guest lecture arranged relevant to course mapping	01			

16	Innovative/pedagogy approach in teaching	01			
17	Methodologies to support weak students and encourage bright students	01			
18	Website creation (wordpress.com), Utilization of website / Google classroom creation	01			
19	Industry interaction	01			

Total Marks obtained (out of 21): ----

II. A) Increase in percentage of Result: (Max marks: 05)
(Increase in percentage of result or increase in the percentage of number of students scoring 80% for TY, 70% for SY, 60% for FY)

Sr. No (1)	Class/ Course (2)	Subject Taught (3)	Average result of same subject for last year in institute (4)	Current result of your subject (5)	Percentage improvement in the result (6)	Average of column (6) (7)	Percentage improvement and maximum marks (8)
							> 20% (05) > 15-20% (04) > 10-15% (03) > 5-10% (02) > 00-5% (01)

B) Current Result: (Max. Mark: 15)

Sr. No	Average of Current Result	Percentage Range & Max. Mark
		90-100 % (15 Mark) 80-90 % (14Mark) 70-80 % (12 Mark) 60-70 % (10 Mark) 50-60 % (08 Mark) 40-50 % (06 Mark) Below 40% (00 Mark)

Total Marks obtained (out of 20): -----

III. Self-Development - (Max Marks: 04)

Sr. No	Details (marks weightage)	Particular
1.	Higher Education* (01)	
2	Certification (01)	
3.	Undergone Short term/ Long term training/FDP/ AICTE ATAL (5 days training) (01)	
4.	Publications- Conference/Books/ Chapter/Paper/Patent (01)	
5.	Proposal (MSBTE, DTE) (01)	

* Applicable for the duration of the course.

Marks obtained: ----

IV. Participation of faculty in other activity (Max marks: 15)

Sr. No	Details	Tick	Specification & Marks given by concerned person	
1	Admission Committee members			
2	Exam committee			
3	Academic Monitoring Committee			
4	AICTE/MSBTE Work			
5	Purchase			
6	Sport/Competition			
7	Cultural Event			
8	Alumni			
9	Training & Placement			
10	Industrial Visit/Guest Lecture			
11	Time-table work			
12	Social activity			
13	Lab Development			
14	Mentoring of students			
15	Laboratory in charge			
	Any other			
16				
17				
18				
19				
20				
21				
22				

23				
24				

Marks obtained: ——

V. Students Feedback (Max marks: 05) - ____

VI. Head of the Department Feedback (Max marks: 10) - ____

VII. Principal Feedback: (Max marks: 05) - ____

VIII. Punctuality in work (Max. marks: 02)- ____

IX. Peer group (Max marks: 05)- ____

X. Admission: - (Max marks: 10) ____

(Participation in admission activity)

Sr. No	Details	Name of the school/Particulars	Marks obtained
01	Favourite teacher		
02	Talent hunt conducted and prize distribution		
03	Outside event for admission		
	Any other		
04			
05			
06			
07			
08			
09			
10			

XI. MOU/ Revenue generation (Max marks: 03)

Sr. No.	Parameters	Marks Allotted	Specification	Marks obtained
1	Industrial Tie up/MOU with reference	02		
2	Revenue generation	01		

Total Marks (out of 100): -

MARATHWADA MITRA MANDAL'S POLYTECHNIC,
Thergaon, Pune-33

Performance appraisal for Nonteaching faculty 25-26

Total: - 65 Marks

Name of Staff: -

Designation: -

Department:

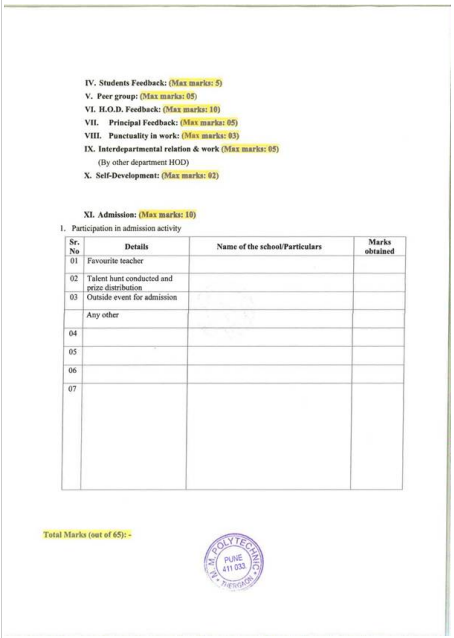
I. Involvement in lab development: (Max Mark: 05)

II. Lab Maintenance work: (Max Mark: 05)

III. Participation in college activities: (Max marks: 10)

Sr. No.	Activity	Marks
1	Admission Committee	
2	Exam Committee	
3	Industrial Visit/ Guest lecture	
4	General Maintenance	
5	Additional Work-	

Marks Obtained——



IV. Students Feedback: (Max marks: 5)
V. Peer group: (Max marks: 05)
VI. H.O.D. Feedback: (Max marks: 10)
VII. Principal Feedback: (Max marks: 05)
VIII. Punctuality in work: (Max marks: 03)
IX. Interdepartmental relation & work (Max marks: 05)
(By other department HOD)
X. Self-Development: (Max marks: 02)

XI. Admission: (Max marks: 10)

1. Participation in admission activity

Sr. No	Details	Name of the school/Particulars	Marks obtained
01	Favourite teacher		
02	Talent hunt conducted and prize distribution		
03	Outside event for admission		
	Any other		
04			
05			
06			
07			

Total Marks (out of 65): -

The above format assures a 360 degree assessment covering all aspects meticulously.

B. Its implementation and effectiveness (15)

Institute Marks

15.00

The Self-Appraisal forms submitted by Individual staff members include their academic and personal contributions for the academic year. This system ensures faculty accountability and makes their effectiveness transparent and measurable. It means the system helps track and show how responsible faculty members are in their roles, and also makes it clear how well they are performing or contributing.

It provides an insight into the below listed aspects.

Faculty:

1. Staff are aware of their roles and responsibilities.
2. Every teacher has a teaching plan with learning resources ready at the start of the term.
3. Promotes a culture of outcome-based teaching and learning.
4. Motivates staff to participate in content updating and industrial training activities.
5. Facilitates participation in peer-reviewed conferences.
6. Encourages publication of journal papers.
7. Supports staff involvement in MSBTE curriculum revision, career fairs, and other initiatives.
8. Promotes innovative practices in teaching/learning and the use of ICT tools.
9. Motivates students to engage in co-curricular activities.
10. Encourages teachers to align course delivery with student requirements.
11. Facilitates qualification upgradation.

Institution

1. Builds a better-equipped and motivated human resource base.
2. Develops competent and peer-recognized faculty.
3. Establishes credibility within the student community and society at large.
4. Helps achieve organizational goals.
5. Establishes state-of-the-art facilities.
6. Enhances the ability to meet future needs.

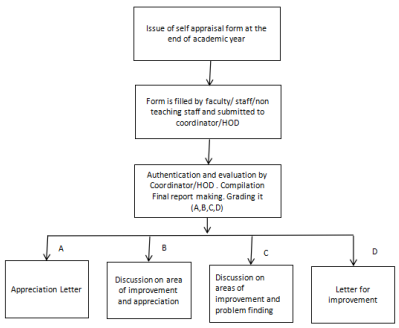


Fig 5.6 B Faculty Appraisal Process

C. Details of qualification up-gradation of faculty (10)

Institute Marks

10.00

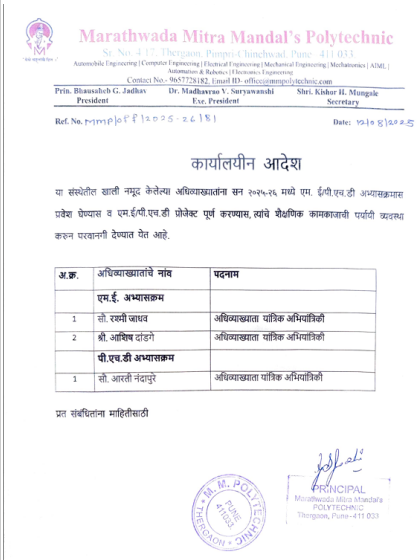
The institute actively encourages and supports faculty members in pursuing higher qualifications, recognizing that academic advancement significantly contributes to institutional growth and quality enhancement. Faculty are motivated to enroll in postgraduate and doctoral programs, and the institute facilitates this through provisions such as on-duty status, special study leave, and flexible academic arrangements. These supportive measures enable faculty to effectively balance their academic pursuits with professional responsibilities.

As a result, during the assessment period, two faculty members are enrolled in Master's programs. This reflects the strong commitment of the Mechanical Engineering department towards continuous academic improvement. Such qualification up-gradation enhances the subject expertise, teaching effectiveness, and research orientation of faculty members, ultimately benefiting students through improved learning outcomes and exposure to advanced technological developments.

Table no 5.6 C.Details of qualification up-gradation of faculty

Sr. No	Name of faculty	Qualifications at the time of Joining	Latest Qualification	Status (Pursuing / Completed)	Year of Completion

1	Mrs. Jadhav R.R.	ME (Civil) Pursuing	ME	Pursuing	
2	Mr. Dandge A.G.	ME (Mechanical) Pursuing	ME	Pursuing	
3	Ms. Nandapure A.D.	Msc	PHD	Completed	2026



Marathwada Mitra Mandal's Polytechnic
Sr. No. 417, Thergaon, Pimpri-Chinchwad, Pune- 411 033
Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics | AI/ML | Automation & Robotics | Electronics Engineering
Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

Prin. Bhausaheb G. Jadhav, President | Dr. Madhavrao V. Suryawanshi, Exe. President | Shri. Kishor H. Mungale, Secretary

Ref. No. MMP/DE/2025-26/181 Date: 19/08/2025

कार्यालयीन आदेश

या संस्थेतील खाली नमूद केलेल्या अधिव्याख्यातांना सन २०२५-२६ मध्ये एम. ई/पी.एच.डी अभ्यासक्रमास प्रवेश घेण्यास व एम.ई/पी.एच.डी प्रोजेक्ट पूर्ण करण्यास, त्यांचे शैक्षणिक कामकाजाची पर्यायी व्यवस्था करून परवानगी देण्यात येत आहे.

अ.क्र.	अधिव्याख्यातांचे नांव	पदनाम
	एम.ई. अभ्यासक्रम	
1	सौ. रश्मी जाधव	अधिव्याख्याता यांत्रिक अभियांत्रिकी
2	श्री. आशिष दांडगे	अधिव्याख्याता यांत्रिक अभियांत्रिकी
	पी.एच.डी अभ्यासक्रम	
1	सौ. आरती नंदापुरे	अधिव्याख्याता यांत्रिक अभियांत्रिकी

प्रत संबंधितांना माहितीसाठी

M. M. POLYTECHNIC PUNE 411033 THERGAON

PRINCIPAL
Marathwada Mitra Mandal's
POLYTECHNIC
Thergaon, Pune-411 033

6 FACILITIES AND TECHNICAL SUPPORT (100)

Total Marks 92.00

6.1 Availability of adequate, well equiped classrooms to meet the curriculum requirements (10)

Total Marks 9.00

Institute Marks
9.00

The department has a sufficient number of hexagonal-designed classrooms that effectively accommodate timetable requirements while ensuring clear visibility of the teaching board from every corner for enhanced teaching–learning.

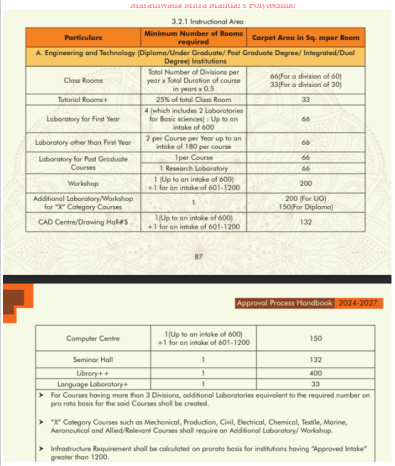
The details of class rooms are presented in following Table 6.1

Table 6.1 Details of classroom adequacy

Sr. No.	Particulars	Available Quantity	Required as per norms	Adequacy Status	Quality Features / Remarks
01	Total Number of Classrooms	02	1.5	Adequate	Spacious and ventilated
02	Carpet Area of Classroom	67.83 Sqm per classroom.	66 Sqm per classroom	Adequate	As per norms
03	Seating Capacity per classroom	60 to 75	60	Adequate	Sufficient for student strength
04	Smart Classrooms / ICT Enabled Rooms	01	-	Adequate	Interactive board, internet, audio system
05	Blackboard/ Whiteboard Facilities	02	02	Adequate	Clearly visible from all corners
06	Classroom Furniture Condition	Yes	-	Adequate	Comfortable benches and desks
07	Lighting and Ventilation	Yes	-	Adequate	Natural and electrical lighting, Fans
08	Safety Measures	Yes	-	Adequate	Fire safety, emergency exits
09	Maintenance Status	Regular	-	Satisfactory	Cleanliness and upkeep
10	Power Backup Facilities	Yes	-	Adequate	Generator support
11	Additional Learning Facilities	Yes	-	Adequate	Charts, Time table display

Related Documents copy:

1.ALL INDIA COUNCIL FOR TECHNICAL EDUCATION APPROVAL PROCESS HANDBOOK (2024-25 to 2026-27) reference



3.2.1 Instructional Area

Particulars	Minimum Number of Rooms required	Carpet Area in Sq. mper Room
A. Engineering and Technology (Diploma/Under Graduate/ Post Graduate Degree/ Integrated/Dual Degree) Institutions		
Class Rooms	Total Number of Divisions per year x Total Duration of course in years x 0.5	66(For a division of 60) 33(For a division of 30)
Tutorial Rooms+	25% of total Class Room	33
Laboratory for First Year	4 (which includes 2 Laboratories for Basic sciences) - Up to an intake of 600	66
Laboratory other than First Year	2 per Course per Year up to an intake of 180 per course	66
Laboratory for Post Graduate Courses	1per Course	66
	1 Research Laboratory	66
Workshop	1 (Up to an intake of 600) +1 for an intake of 601-1200	200
Additional Laboratory/Workshop for "X" Category Courses	1	200 (For UG) 150(For Diploma)
CAD Centre/Drawing Hall#\$	1(Up to an intake of 600) +1 for an intake of 601-1200	132

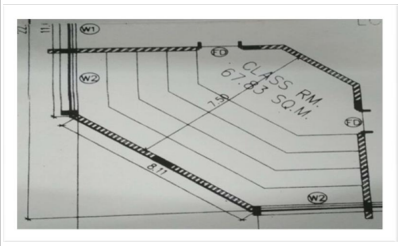
87

Approval Process Handbook 2024-2027

Computer Centre	1(Up to an intake of 600) +1 for an intake of 601-1200	150
Seminar Hall	1	132
Library++	1	400
Language Laboratory+	1	33

- For Courses having more than 3 Divisions, additional Laboratories equivalent to the required number on pro rata basis for the said Courses shall be created.
- "X" Category Courses such as Mechanical, Production, Civil, Electrical, Chemical, Textile, Marine, Aeronautical and Allied/Relevant Courses shall require an Additional Laboratory/ Workshop.
- Infrastructure Requirement shall be calculated on prorata basis for institutions having "Approved Intake" greater than 1200.

2.Classroom Plan



3.Classroom Photo

6.2 Availability of adequate and well-equipped workshops, Laboratories and Technical manpower to meet the curriculum requirements (40) **Total Marks 36.00**

A. Adequacy (10) Institute Marks 9.00

The available laboratories are adequate in number, progressively structured, and appropriately distributed across foundational, core, and advanced domains of the curriculum. The laboratories are sufficient to meet syllabus requirements, practical course outcomes, project work, and emerging technology exposure for Mechanical Engineering students.

- Adequate, well-equipped laboratories to meet the curriculum requirements and the POs and PSOs-YES
- Availability of equipment to run experiments and their maintenance- YES
- Availability of computing facilities in the department -YES
- Availability of laboratories with technical support within and beyond working hours -YES
- Availability of laboratory periodic audit - YES
- Availability of laboratory periodic maintenance -YES
- Availability of server facility in the department (CAD laboratory) -YES

Table 6.2 A 1. Adequacy

Sr. No.	Particulars	Required as per AICTE / Curriculum Norms	Available	Adequacy Status	Quality / Remarks
1	Number of Workshops	2	2	Adequate	Well-structured and spacious
2	Number of Laboratories	6	7	Adequate	Sufficient for all practical courses
3	Major Equipment / Machinery	___	Yes	Adequate	Modern, functional, and curriculum-oriented
4	Working Capacity / Student Accommodation	___	20 Students per batch	Adequate	Comfortable and safe working space
5	Availability of Consumables / Tools	___	Yes	Adequate	Regularly replenished
6	Technical Staff / Lab Assistants	___	2	Adequate	Skilled and qualified personnel
7	Workshop Instructors	___	6	Adequate	Experienced and competent

8	Equipment Maintenance & Calibration	___	Regular	Adequate	Preventive maintenance records maintained, Calibration carried out on periodic basis.
9	Safety Measures	___	Yes	Adequate	Fire safety, PPE, first-aid, Safety charts
10	ICT / Advanced Learning Facilities	___	Yes	Adequate	CAD-Cam Software- Cimatron available.
11	Compliance with AICTE Norms	___	Yes	No deficiency	As per Approval Process Handbook
12	Additional Facilities	___	Yes	Adequate	Centre of Excellence (COE)

Table 6.2 A.2 Details of Laboratory

Sr. No	Name of laboratories	Number of students per setup (Batch Size)	Name of the important equipment	Weekly utilization status(all the courses for which lab is utilized)	Technical Manpower support
1	Computer Added Drafting Lab	20	• PC • Projector • Server • Creo (University plus academic bundle lab)	Odd sem-34 Hrs. Even Sem-24 Hrs	**Lab In- Charge -** Mrs.Savalajkar P.R. (ME Design) **Lab Assistant -** Mr. Patil R.V. ITI(Fitter)
2	Power Engineering Lab	20	• Reciprocating Air Compressor (2 stage Test rig) • Ice plant test rig, Water cooler test rig	Odd sem-10 Hrs. Even sem- 10 Hrs.	**Lab In- Charge -**Ms.Haral A.G **Lab Assistant -** Mr. Sutar B.A. (ITI-Sheet Metal)
3	Fluid Mechanics and Machineries Lab	20	• Centrifugal pump test rig • Reciprocating pump test rig • Pelton wheel turbine test rig	Odd sem- 06 Hrs Even Sem-2 Hrs	**Lab In- Charge -** Mrs.Tikle A.A ME (Production Technology and management) **Lab Assistant -** Mr. Sutar B.A. (ITI-Sheet Metal)
4	Theory of Machine Lab	20	• Cam Analysis machine	Odd Sem-04 Hrs Even- Sem-14 Hrs.	**Lab In- Charge -** Mr.Dandge A.G. BE (Mech) **Lab Assistant-** Mr. Patil R.V. ITI(Fitter)
5	Metrology &Quality Control Lab	20	• Floating Carriage micrometer • GG Autocollimator	Odd Sem- 10 Hrs. Even Sem-14 Hrs	**Lab In- Charge** Mr.Dumbre P.M ME (Design) **Lab Assistant -** Mr. Sutar B.A. (ITI-Sheet Metal)
6	Applied Mechanics Lab	20	• Universal testing machine • Extensometer • Impact test machine • Torsion testing machine • Rockwell hardness tester • Brinell hardness tester • Fatigue testing machine.	Odd Sem- 16 Hrs. Even Sem-24 Hrs	**Lab In- Charge-** Mrs.Jadhav R.R. BE Civil **Lab Assistant-** Mr. Patil R.V. ITI(Fitter)
7	Physics Lab	20	• He Ne Laser	Odd Sem- 14 Hrs Even Sem-32 Hrs.	**Lab In- Charge-** Mr. Salunke B.S. M.Sc. B.Ed Physics **Lab Assistant -**Mr. Shelke P.V. BSc
8	Chemistry Lab	20	• Digital Nephelometer 31/2 LED display • Muffle Furnace Digital size 22*10*10 cms, 1600w, • B.R. Instrument.	Odd Sem- 34 Hrs. Even Sem-30Hrs	**Lab In- Charge -** Mrs. Lakhe M.C. Ph.D. ,M.Sc.Chem **Lab Assistant -**Ms.Patil P.K Bsc.

Table 6.2 A.3 Details of Workshop

Sr.No.	Name of the Workshop	No. of students per Batch	Name of the Power tools/machine tools	Weekly utilization
1.	Fitting Section		Pillar Drill Machine-01	
			Bench Grinder-01	

		20	Surface Plate-01	Odd Sem -32 Hrs Even Sem-24 Hrs
			Drill Machine Vice-01	
			Bench Vice- 21	
2.	Black Smithy Section		Anvil -02	
			Open Hearth Furnace-01	
			Quenching Tank-01	
			Swage Block-01	
			Leg Vice-01	
3.	Carpentry Section		Wood Turning Lathe-02	
			Carpentry Vice-20	
4.	Welding Section		Welding Machine(Arc)-02	
			Spot Welding Machine-01	
			Bench Vice- 24	
5.	Sheet Metal Shop		Shearing Machine-02	
6.	Press shop		Fly Press Machine-01	
7.	Plumbing shop		Pipe Vice-04	
8.	Machine shop		Radial Drilling Machine-01	
			Power Saw-01	
			Bench Grinder-01	
			Shaper Machine-01	
			Surface Plate-01	
			Drill Machine Vice-01	
			Shaper Machine Vice-01	
			Electronic Weighing Machine-01	
			VMC-01	
			Lathe Machine Belt Drive - 18	
			Lathe Machine All Gear Drive -02	
			CNC Lathe Machine-01	
			Universal Milling Machine- 01	

Machine Shop

Fluid Mechanics & Machinery Lab

Power Engineering Lab

B. Quality of Labs/workshop (20)

Institute Marks

19.00

The institution provides well-equipped laboratories and workshops that support practical learning and skill development. Modern equipment, updated software tools, and adequate safety measures are available for students across departments. Regular maintenance and timely upgrades ensure smooth functioning of laboratory facilities.

Table 6.2 B.Quality of Labs/workshop

Sr. No.	Parameter	Details / Remarks
1	Infrastructure Quality	Spacious, well-ventilated, and properly illuminated laboratories/workshops with safe working environment.
2	Equipment Availability	Adequate and modern equipment/machinery as per curriculum requirements.
3	Equipment Condition	Regular maintenance, calibration, and servicing of tools/equipment.
4	Safety Measures	Availability of fire extinguishers, safety instructions, PPE kits, first-aid box.
5	Technical Support	Qualified instructors, lab assistants, and workshop staff available for smooth conduct.
6	Practical Exposure	Hands-on training through experiments, demonstrations.
7	Modernization	Upgraded with industry-relevant technologies, software, and advanced machines.
8	Learning Resources	Lab manuals, charts, SOPs, internet facility, and digital learning aids available.
9	Utilization	Proper scheduling and optimum use of laboratories/workshops throughout the academic year.
10	Student Feedback	Regular feedback collected and improvements implemented.

Infrastructure quality

1.CAD Lab

2.Theory Of Machine lab

3. Machine Shop

Equipment availability

a.Lab Equipment List

MARATHWADA MITRAMANDAL'S POLYTECHNIC
THERGAON PUNE.33
MECHANICAL ENGINEERING DEPARTMENT
LAB EQUIPMENT LIST
- LAB NAME-COMPUTER AIDED DRAFTING(CAD)

Sr.No.	List of Equipments	Dead stock no.	Cost of Equipment
1	computers (CORE I7 11700 2.5ghz intel)	MMP/20/71/CPU/ME/372-381	419400.00/-
2	3D-PRINTER	MMP/22/22/MECH/01	394592.00/-
3	3D-SCANNER	MMP/23/22/MECH/01	885461.00/-
4	Server (Dell)	MMP/22/25/COMP/PC/176	70000.00/-
5	Printer HP Laser Jet (P1007)	MMP/10/07/PRIN/COMP/13	4,147.50
6	Switch 24 Port	MMP/13/52/COMPLAB/RAC/22	5000.00/-
7	COMPUTERS (CORE I7 11700 2.5ghz intel)	MMP/22/71/MONITOR/MECH/322-331	595900.00/-
8	LCD Screen+Projector	MMP/22/14/ADMIN/PROJECT/19	48866.00/-
9	Computers (intel Core 14th Gen.)	MMP/24/002/CPU/ME/558-569	260460.00/-
		TOTAL	3218152.00/-

LAB ASSISTANT LAB INCHARGE HOD

MARATHWADA MITRAMANDAL'S POLYTECHNIC
THERGAON PUNE.33
MECHANICAL ENGINEERING DEPARTMENT
LAB EQUIPMENT LIST
LAB NAME-STRENGTH OF MATERIAL / ENGINEERING MECHANICS LAB

Sr.No.	List of Equipments	Dead stock no.	Cost of Equipment
1	Universal Testing m/c	MMP/09/01/UTM/APM/01	599000.00/-
2	Impact Testing m/c	MMP/09/08/IT MC/APM/01	110000.00/-
3	Hardness Testing m/c	MMP/09/07/TRHDWC/APM/01	58100.00/-
4	Torsion Testing m/c	MMP/09/09/TTMC/AOM/01	78000.00/-
5	Fatigue Testing m/c	MMP/09/11/FTMC/APM/01	90500.00/-
6	Extensometer	MMP/09/06/EXTEMT/APM/01	149000.00/-
7	Single/Double Shareing M/C.	MMP/24/190/SHEER TEST/ME/01	37170.00/-
8	Brinell Hardness Tester.	MMP/24/179/BHN/ME/01	178770.00/-
	Total		1177940.00/-

LAB ASSISTANT LAB INCHARGE HOD

MARATHWADA MITRAMANDAL'S POLYTECHNIC
THERGAON PUNE.33
MECHANICAL ENGINEERING DEPARTMENT
LAB EQUIPMENT LIST
LAB NAME-MEASUREMENT & QUALITY CONTROL/THEORY OF MACHINE LAB

Sr.No.	List of Equipments	Dead stock no.	Cost of Equipment
1	Strain Gauge Trainer	MMP/10/13/ME/SGT/01	9,647.00/-
2	Multidigital Stroboscope	MMP/10/13/ME/MDS/01	16,243.00/-
3	Level Measurement Set-up	MMP/10/17/ME/LMS/01	12,305.00/-
4	Vernier Caliper 12"/30mm	MMP/10/18/ME/VC/01	5,127.00/-
5	Vernier Caliper Digital Cali. 150	MMP/10/19/ME/DVC/01	4,851.00/-
6	Outside Micrometer 0-25	MMP/10/20/ME/OSM/01	1,323.00/-
7	Outside Micrometer 25-50	MMP/10/21/ME/OSM/01	2,315.00/-
8	Depth Micrometer 0-25	MMP/10/22/ME/DM/01	3,638.00/-
9	Vernier Height Gauge 300mm	MMP/10/23/ME/VHG/01	14,222.00/-
10	Luthra C. I. Surface Plate 630*630	MMP/10/24/ME/SP/01	14,883.00/-
11	Plunger Dail 0.01 (2046s)	MMP/10/25/ME/PD/01	2,446.00/-

LAB ASSISTANT LAB INCHARGE HOD

28	Vernier Caliper 150mm	MMP/13/69/MECH/VER/01	500.00/-
29	Vernier Caliper 150mm	MMP/13/69/MECH/VER/02	500.00/-
30	Vernier Caliper 150vm	MMP/13/69/MECH/VER/03	500.00/-
31	Out side micrometer 0-25mm	MMP/13/69/MECH/MIC/01	450.00/-
32	Out side micrometer 0-25mm	MMP/13/69/MECH/MIC/02	450.00/-
33	Inside Micro meter 25-50mm	MMP/10/32/TR/ITM/WS/01	3,267.00/-
34	Snap Gauge	MMP/18/51/MECH/01	2,950.00/-
35	Angle Finder	MMP/18/52/MECH/01	1,180.00/-
36	Thermometer Infrared	MMP/19/52/MECH/ITM/01	1,226.00/-
37	Anemo meter	MMP/19/52/MECH/AA/01	2,700.00/-
38	Digital sound level meter	MMP/19/52/MECH/LM/01	2,799.00/-
39	Digital Laser RPM Techometer	MMP/19/52/MECH/DTM/01	989.00/-
40	Inside Micrometer (5-30mm)	MMP/19/52/MECH/IM/01	3,186.00/-
41	Dial Boar Gauge	MMP/19/52/MECH/DBG/01	4,884.00/-
42	Mcleod gauge 10 ton	MMP/20/52/MECH/MG/01	10,890.00/-
43	Digital Vibraction meter	MMP/20/52/MQB/DVM/01	16,449.00/-

LAB ASSISTANT LAB INCHARGE HOD

44	Digital thermometer	MMP/20/52/MECH/DTM/01	400.00/-
45	Stroboscope Luthron	MMP/20/52/MECH/SS/01	10,325.00/-
46	SURFACE ROUGHNESS TESTER(BAKER)	MMP/19/22/SUR ROUGH TEST/01	4,21,540.00/-
47	Expermental Single Slider Crank Mech. Set-Up	MMP/25/68/SINGLE SLIDER CRANK/ME/01	18,330.00/-
48	Expermental Scotch Yoke Mech.Set-Up	MMP/25/66/Scotch yoke me./ME/01	18,330.00/-
49	Cam Analysis Machine	MMP/25/138/Cam Anal.M/c/ME/01	38,992.00/-
	Total		5,74,222.00/-

LAB ASSISTANT LAB INCHARGE HOD

MARATHWADA MITRAMANDAL'S POLYTECHNIC
THERGAON PUNE.33
MECHANICAL ENGINEERING DEPARTMENT
LAB EQUIPMENT LIST
LAB NAME-FLUID MECHANICS & MECHINARY LAB

Sr.No.	List of Equipments	Dead stock no.	Cost of Equipment
1	Centrifugal Pump Test Rig	MMP/10/67/MECH/PPTR/01	67,000.00/-
2	Reciprocating Pump Test Ring	MMP/10/48/MECH/RECPUMP/01	35,000.00/-
3	Cut Section Models of Pump	MMP/10/60/MECH/FMMLAB/MOD/01	11,900.00/-
4	Pelton Wheel Turbine Test Ring	MMP/10/08/PWTTR/ME/01	1,96,573.00/-
5	3 Phase Auto transmission Former	MMP/08/06/AET/EL/02	14,220.00/-
6	Bernoulis Theoram Apparatus	MMP/03/22/BTA/MECH/01	50,740.00/-
7	VENTURIMETER APPARATUS.	MMP/04/22/VENAPP/MECH/01	48,380.00/-
8	ORIFICE METER APPARATUS.	MMP/05/22/ORIMEAPP/MECH/01	48,380.00/-
9	IMPACT OF JET APPAPATUS.	MMP/6/22/IMPATJETAPP/MECH/01	50,740.00/-
10	RECIPROCATING PUMP TEST-RIG	MMP/07/22/RPTR/MECH/01	61,360.00/-
11	LOSSES IN PIPE FRICTION	MMP/08/22/LIPF/MECH/01	49,560.00/-
		Total	437280.00/-

LAB ASSISTANT LAB INCHARGE HOD

MARATHWADA MITRAMANDAL'S POLYTECHNIC
THERGAON PUNE.33
MECHANICAL ENGINEERING DEPARTMENT
LAB EQUIPMENT LIST
LAB NAME-THEORY OF MACHINE LAB

Sr.No.	List of Equipments	Dead stock no.	Cost of Equipment
2	Drawing Models	MMP/10/43/TOMLAB/CPM/01(11)	8500
3	Educational CD's	MMP/08/03/CDME/01-08	3680
4	Charts	MMP/08/02/CHT/ME/01-23	9280
5	Governor Tester	MMP/12/09/MECH/GTEST/01	29633
6	Pool Tester	MMP/09/22/STRENGTH TESTER/MKS/01	115000
7	Working model of single slider crank mech	MMP/91/22/SINGLE SLD/MECH/MKS/01	4500
8	working model of scotch yoke mech	MMP/88/22/SCOT.YOK.MECH/MKS/01	4500
9	working model of ackarman's steering gear mech	MMP/92/22/ACK.STE.GEAR MECH/MKS/01	4500
10	working model of geneva mech.	MMP/94/22/GEN.MECH/MKS/01	4500
11	working model of fly-ball governer with rotating arrangement	MMP/95/22/FLY.BALL GOV ROTA ARR/MKS/01	3900
12	working model of watt governer	MMP/85/22/WATTS GOVE/MKS/01	3900
13	working model of porter governer	MMP/86/22/PORTER GOVE/MKS/01	3900
14	working model of hartnell governer	MMP/87/22/HART GOV/MKS/01	3900

LAB ASSISTANT LAB INCHARGE HOD

15	working model of flat cam and flat faced reciprocating followers	MMP/22/FLAT CAM & FLAY FAC RECI FOLL(MKS)/MKS/01	5500
16	Tangent cam with oscillating followers	MMP/89/22/TAN CAM WITH OSC FOLL/MKS/01	5500
17	cylindrical cam with translating followers	MMP/90/22/CYLI CAM WITH TRA FALL/MKS/01	5500
18	Translating cam with roller reciprocating knife edge followers	MMP/91/22/TRAN CAM WITH ROLL RECIP KNIFE EDGE/MKS/01	5500
19	end cam with translating followers	MMP/92/22/ENDCAM WITH TRANSLAT FOLL/MKS/01	5500
20	working model of single speed belt drive	MMP/93/22/SINGLE SPEED BELT DR./MKS/01	9000
21	working model of double speed belt drive	MMP/94/22/DOUB.SPEED BELT DR/MKS/01	3600
22	working model of loos and fast belt drive	MMP/95/22/LOSE &FA BELT DR/MKS/01	5800
23	working model of simple gear train	MMP/96/22/SIM GEAR TRAIN /MKS/01	3100
24	working model of compound gear train	MMP/97/22/COM GEAR TRAIN/MKS/01	11000
	Total		269613.00/-

LAB ASSISTANT LAB INCHARGE HOD

MARATHWADA MITRAMANDAL'S POLYTECHNIC
THERGAON PUNE.33
MECHANICAL ENGINEERING DEPARTMENT
LAB EQUIPMENT LIST
LAB NAME-POWER ENGINEERING.

Sr.No.	List of Equipments	Dead stock No.	Cost of Equipment
1	Thermal Conductivity of Metal Test Ring	MMP/10/53/MECH/TCMR/01	17000
2	Reciprocating Air Compressor (3-stage) Test Ring	MMP/10/46/MECH/RECAIR COMP/01	80000
3	Thermal Efficiency of Constant Pressure Heating Test Ring	MMP/10/58/MECH/CPHT/01	9000
4	Thermocouple For Temp. & Humidity Measurement	MMP/10/15/MI/PTH/01	9351
5	Ice Plant Test Ring	MMP/12/30/MECH/IPTR/01	68655
6	Water Cooler Test Ring	MMP/12/51/MECH/WCTR0/01	52865
7	Windows A/C Test Ring	MMP/12/53/MECH/WTR6/01	23913
8	Boiler Models	MMP/10/41/MECH/TOMBLAB/CPM/01	26,000
9	Solar Model(70mp,12v	MMP/13/96/MECH/SOLAR MODEL/01	1312.5
10	Solar inverter combo pack	MMP/13/56/MECH/SINV/01	2887.5
11	Forced convention test rig	MMP/19/52/MECH/FCTR/01	34727.04
12	Stefan boltzmans apparatus	MMP/19/51/MECH/SBA/01	29202.64
13	Cooling tower test rig	MMP/20/52/MECH/CTTR/01	86925
14	Condenser test rig	MMP/19/52/MECH/CTR/01	85222.14
15	Thermal conductivity of solid metal rod	MMP/19/51/MECH/TCMR/01	31254.66
16	Separating and Throttling Calorimeter with boiler	MMP/19/51/MECH/STCB/01	97667.42
	TOTAL		669989.4

LAB ASSISTANT LAB INCHARGE HOD

MARATHWADA MITRAMANDAL'S POLYTECHNIC
THERGAON PUNE.33
MECHANICAL ENGINEERING DEPARTMENT
LAB EQUIPMENT LIST
LAB NAME-APPLIED MECHANICS LAB

Sr.No.	List of Equipments	Dead stock no.	Cost of Equipment
1	Polygeon of force	MMP/12/35/UNIT/01	2375
2	Simple Jib crane	MMP/08/02/JIC/APM/01	4275
3	Friction slide App.	MMP/88/02/FSA/APM/01	1800
4	Weston's diff. pully	MMP/08/02/WDP/APM/01	11000
5	Compound wheel & axle	MMP/08/02/WDP/APM/01	6200
6	Winch crab single purchase	MMP/08/02/WCSP/APM/01	8000
7	Worm & Worm wheel	MMP/08/02/WWW/APM/01	3800
8	Simple screw jack	MMP/88/02/SSJ/APM/01	3700
9	Wooden scale (1m)	MMP/88/03/WS/APM/01	240
10	Slotted Weights	MMP/08/03/WTSS/APM/1-5	3408
11	Law of moments App.	MMP/09/02/LMA/APM/01	2,880.00
12	Beam reaction App.	MMP/09/02/LPFA/APM/01	3700
13	Weights of 2,5,10 kg	MMP/3/03/WTS/500/APM/1-5	3000
14	Screw jack.	MMP/23/030/SCREWJACK/ME/02	9027
15	chain pulley block	MMP/23/042/CHAIN.PULL.BLO/ME/01	3466
16	parellel force apparatus	MMP/23/054/PAR.FOR.APP/ME/02	8864
14	Winch crab double purchase	MMP/23/040/WIN.CRAB.DOU.PUR/ME/01	16668
		TOTAL	91583.00/-
		VAT 12.5%	11457.87/-
	Total		103040.87/-

LAB ASSISTANT LAB INCHARGE HOD

b.Workshop Equipment List

MARATHWADA MITRAMANDAL'S POLYTECHNIC
THERGAON PUNE.33
MECHANICAL ENGINEERING DEPARTMENT
WORKSHOP EQUIPMENT LIST

Sr. No.	Name of Item	Dead Stock No.	Qty	Cost (Rs.)
1	Anvil 100Kg	MMP/08/01/BS/ANV/WS/01-02	02	27000.00
2	Drill M/C (Pillar)	MMP/08/02/PT/PDM/WS/01	01	20807.00
3	Drill M/C (Radial)	MMP/09/02/MS/WS/01	01	52796.00
4	Furnace (Open Hearth)	MMP/08/03/BS/OH/WS/01-02	01	37687.5
5	Grinder (Bench)	MMP/08/04/FT/BG/WS/01	01	6707.00
6	Grinder (Bench)	MMP/09/04/FT/BG/WS/02	01	3756.00
7	Hack Saw M/c (Hydraulic)	MMP/08/05/TR/HHM/WS/01	01	41765.00
8	Lathe m/c (Wood Turning)	MMP/09/07/PM/WL/WS/01-05	02	61427.6
9	Lathe m/c (Belt Drive)	MMP/09/07/TR/BLM/WS/01-05	05	442950.00
10	Lathe m/c (Belt Drive)	MMP/09/08/TR/BLM/WS/06-14	09	889503.00
11	Lathe m/c (Belt Drive)	MMP/09/08/TR/BLM/WS/17-20	04	619199.00
12	Lathe m/c (All Geared)	MMP/09/09/TR/ALM/WS/15-16	02	

1 of 4

MARATHWADA MITRAMANDAL'S POLYTECHNIC

THERGAON PUNE.33

MECHANICAL ENGINEERING DEPARTMENT

WORKSHOP EQUIPMENT LIST

13	Milling m/c (Universal)	MMP/09/10/MS/MM/WS/01	01	193987.00
14	Quenching Tank	MMP/09/11/FO/QT/WS/01	01	8520.00
15	Swage Block	MMP/08/12/BS/SB/WS/01	01	19125.00
16	Surface plate (Granite)	MMP/08/12/FT/SPG/WS/01	01	18225.00
17	Surface plate (Granite)	MMP/09/12/MS/SPG/WS/01	01	7695.00
18	Shearing m/c	MMP/10/12/TS/SM/WS/01	01	4950.00
19	Vice (Bench)	MMP/08/13/FT/BV/WS/01-17	17	69462.00
20	Vice (Bench)	MMP/08/13/FT/BV/WS/18-19	02	9393.75
21	Vice (Bench)	MMP/08/13/FT/BV/WS/20-21	02	9765.00
22	Vice (Carpentry)	MMP/08/13/CP/CV/WS/01-06	06	11441.25
23	Vice (Carpentry)	MMP/08/13/CP/CV/WS/07-09	03	9382.50
24	Vice (Carpentry)	MMP/08/13/CP/CV/WS/10-21	12	11610.00
25	Vice (Pipe)	MMP/08/14/PLB/PV/WS/01-03	03	1856.25

M. M. POLYTECHNIC PUNE 411033. THERGAON

W/S

MARATHWADA MITRAMANDAL'S POLYTECHNIC

THERGAON PUNE.33

MECHANICAL ENGINEERING DEPARTMENT

WORKSHOP EQUIPMENT LIST

26	Vice (Pipe)	MMP/08/14/PLB/PV/WS/04	01	956.25
27	Vice (Leg)	MMP/08/14/BS/LV/WS/01	01	7875.00
28	Vice (Drill m/c)4"	MMP/12/15/FT/MV/WS/01	01	10622.00
29	Vice (Drill m/c)	MMP/09/14/MS/MV/WS/01	01	3554.00
30	Vice (Shaper m/c)6"	MMP/12/15/MS/MV/WS/01	01	13620.00
31	Vice (Bench)	MMP/10/14/WD/BV/WS/01-10	10	43413.50
32	Vice (Bench)	MMP/10/14/TS/BV/WS/01-04	04	17365.00
33	Vice (Bench)	MMP/12/15/WD/BV/ WS/01-10	10	55009.00
34	Welding m/c (Arc)	MMP/08/16/WD/AWM/WS/01-02	02	21263.00
35	Welding m/c (Spot)	MMP/08/16/WD/SWM/WS/01	01	33413.00
36	Welding m/c (Inverter)	MMP/19/16/WD/IWM/WS/01	01	4199.00
37	Electronic Weighing Machine	MMP/12/18/EWS/WS/01	01	12541.00
38	Pedestal Fan	MMP/13/03/WS/ST/FP/01	01	4250.00
39	Exhaust Fan	MMP/16/03/WS/Exhaust	02	7700.00

M. M. POLYTECHNIC PUNE 411033. THERGAON

W/S

MARATHWADA MITRAMANDAL'S POLYTECHNIC

THERGAON PUNE.33

MECHANICAL ENGINEERING DEPARTMENT

WORKSHOP EQUIPMENT LIST

		Fan/01-02		
40	Treadle Shearing Machine	MMP/24/135/TSSM/WS/02	01	68440.00
40	Cut off Machine	MMP/19/17/WD/WS/02	01	12248.00
41	CNC Lathe	MMP/15/21/MC/CNC/WS/01	01	1720969.00
42	VMC Machine	MMP/23/013/VMC/ME/WS/01	01	3097500.00
43	VMC Stabilizer	MMP/23/010/STAB/ME/WS/01	01	66080.00
44	Digital Technologies (PC)	MMP/09/24/COM/PC/94 MMP/09/24/COM/KBO/94 MMP/09/24/COM/MOU/308 MMP/09/24/COM/PRINT/01	01	26312.00
		TOTAL		7786341/-

M. M. POLYTECHNIC PUNE 411033. THERGAON

W/S

Equipment Condition

MARATHWADA MITRA MANDAL'S POLYTECHNIC, THERGON, PUNE-33.

WEEKLY MAINTENANCE CHECK LIST

MACHINE :- MILLING MACHINE — FREQUENCY :- WEEKLY

CELL :- MACHINE SHOP — MACHINE NO :- M-01 — YEAR :- 2025.

CHECK POINTS/ DATE	3/7	10/7	17/7	24/7	31/7	7/8	14/8	21/8	28/8	4/9	11/9	18/9	25/9	3/10	9/10	16/10	23/10	30/10	6/11	13/11	20/11	27/11	4/12	11/12	18/12	26/12
OVERALL CLEANING :-																										
1) Clean inside & out side	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2) Operation area	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3) Remove Unwanted things	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LEVEL CHECKING :-																										
1) Hydraulic oil																										
2) Cutting oil																										
3) Lubrication oil	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GENERAL																										
1) Oil leakage	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2) Coolent Leakage																										
3) Abnormal noise	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4) Covers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Note:- As completion of action and if found OK mark √ and if found NOT OK mark X in respective column.

SIGN OF MAINT.

SIGN OF W/S.

M. M. POLYTECHNIC PUNE 411033. THERGAON

MATRIX TESTING & TECHNOLOGIES PVT.LTD.

(CALIBRATION DIVISION)

Accreditation No. NABL CC-3626

Address : Office No. 813, Eighth Floor, Rama Equator,Near Finolex Chowk, Pimpri, Pune - 411018, Maharashtra

Mobile No. +91 9112211910 I +91 9112211930 I E mail id : calibration@matrixfie.com I info@matrixfie.com

CALIBRATION CERTIFICATE

ULR No. : CC362626000000535F — Certificate No. : MATRIX/CAL/2025-26/01/17715

Discipline : Mechanical Calibration — Group : Hardness Testing Machines

Certificate Issue Date 31.01.2026 — Calibration Date 30.01.2026 — Next Date of Calibration 30.01.2027 — Page 2 — No. of Pages 2 of 3

INDIRECT VERIFICATION

A) Rockwell Hardness Scale

Sr. No.	Test Force N (Kgf)	Std. Test Block Value	Actual Hardness Value (Rockwell Unit - HR) 1	2	3	4	5	Avg. (HR)	Actual Error (HR)	Allowed Bias Error (HR) (±)	Actual Rep.lity (HR)	Allowed Rep.lity (HR)	Expanded UIM (±)
1	588.4 (60)	33.24 HRA	33.5 HRA	33.5 HRA	34.0 HRA	34.0 HRA	33.5 HRA	33.70 HRA	0.46 HRA	2.00 HRA	0.50 HRA	1.33 HRA	0.72 HRA
2	588.4 (60)	74.24 HRA	75.0 HRA	74.5 HRA	74.5 HRA	75.0 HRA	75.0 HRA	74.80 HRA	0.56 HRA	2.00 HRA	0.50 HRA	0.80 HRA	0.66 HRA
3	588.4 (60)	82.94 HRA	83.5 HRA	83.5 HRA	83.0 HRA	83.0 HRA	83.0 HRA	83.20 HRA	0.26 HRA	1.50 HRA	0.50 HRA	0.80 HRA	0.65 HRA
1	980.7 (100)	43.61 HRBW	43.0 HRBW	43.0 HRBW	44.0 HRBW	44.0 HRBW	44.5 HRBW	43.70 HRBW	0.09 HRBW	3.00 HRBW	1.50 HRBW	3.45 HRBW	1.52 HRBW
2	980.7 (100)	65.23 HRBW	65.0 HRBW	65.5 HRBW	65.5 HRBW	65.0 HRBW	65.5 HRBW	65.30 HRBW	0.07 HRBW	3.00 HRBW	0.50 HRBW	2.59 HRBW	0.92 HRBW
3	980.7 (100)	90.65 HRBW	91.0 HRBW	91.5 HRBW	91.5 HRBW	91.5 HRBW	92.0 HRBW	91.50 HRBW	0.85 HRBW	2.00 HRBW	1.00 HRBW	1.54 HRBW	0.68 HRBW
4	1471.0 (150)	25.62 HRC	25.0 HRC	25.0 HRC	25.5 HRC	25.0 HRC	25.5 HRC	25.20 HRC	-0.42 HRC	1.50 HRC	0.50 HRC	1.50 HRC	0.60 HRC
5	1471.0 (150)	46.74 HRC	46.0 HRC	46.0 HRC	46.5 HRC	46.5 HRC	47.0 HRC	46.40 HRC	-0.34 HRC	1.50 HRC	1.00 HRC	1.07 HRC	0.60 HRC
6	1471.0 (150)	62.99 HRC	63.0 HRC	63.0 HRC	63.5 HRC	63.5 HRC	63.5 HRC	63.30 HRC	0.31 HRC	1.50 HRC	0.50 HRC	0.80 HRC	0.60 HRC

Refer Next Page For Calibration Results

Calibrated By — Mr.Hrishikesh Walwekar, Calibration Engineer

Authorized By — Mr. Kiran Thorat, Quality Manager

Website : www.matrixtest.in | www.matrixmachines.net

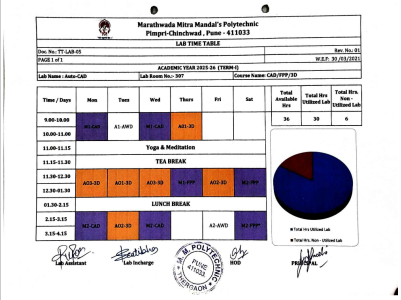
Safety Measures

Table 6.2 B 7 Modernization

Sr no	Name of Equipment	Purpose

1	3 D Printer	The 3D printer was introduced in the Mechanical Engineering Department to modernize the conventional manufacturing laboratory and align it with Industry 4.0 and advanced manufacturing technologies.
2	Vertical Milling Machine	The Vertical Milling Machine was introduced to modernize the conventional machining laboratory and provide students with practical exposure to precision machining and advanced manufacturing operation
3	Centre of Excellence with cimetron for Mold and Die Designing	The Centre of Excellence for Mold and Die Designing established to provide advanced technical training in modern product design, mold design, die design, and CAD/CAM technologies as per current industrial requirements.
4.	EV Cut Section	The EV Cut Section was introduced to modernize the mechanical engineering laboratory and provide students with practical exposure to emerging Electric Vehicle technology and sustainable transportation system

Utilisation


Marathwada Mitra Mandal's Polytechnic
Pimpri-Chinchwad , Pune - 411033
LAB TIME TABLE
ACADEMIC YEAR 2025-26 (TERM-I)
Lab Name : Auto-CAD | Lab Room No.: 307 | Course Name: CAD/FPP/3D
Time / Days | Mon | Tues | Wed | Thurs | Fri | Sat
9.00-10.00 | M1-CAD | A1-AWD | M1-CAD | A01-3D
10.00-11.00
11.00-11.15 | Yoga & Meditation
11.15-11.30 | TEA BREAK
11.30-12.30 | A03-3D | A01-3D | A03-3D | M1-FPP | A02-3D | M1-FPP
12.30-01.30
01.30-2.15 | LUNCH BREAK
2.15-3.15 | M2-CAD | A02-3D | M1-CAD | A2-AWD | M2-FPP
3.15-4.15
Total Available Hrs: 36 | Total Hrs Utilized Lab: 30 | Total Hrs. Non - Utilized Lab: 6
Lab Assistant | Lab Incharge | HOD | Principal

C. Technical Manpower support –Eligible and Adequate (10)

Institute Marks

8.00

· The department has adequate and qualified technical manpower to effectively support laboratory and workshop activities.

· Technical staff possess necessary educational qualifications, practical skills, and operational expertise.

· Regular training programs and industrial exposure ensure continuous professional development of technical personnel.

· Technical manpower actively supports maintenance, safety implementation, and smooth execution of practical sessions.

· Staff strength is sufficient to meet curriculum requirements and maintain effective student support.

· Proper supervision by technical staff enhances quality practical learning experiences.

Table 6.2 C Technical Manpower support –Eligible and Adequate

Sr.No.	Name of Lab/ Workshop	Name of Technical Staff	Designation	Qualification	Experience	Educational Upgradation by Staff
1	CAD Lab/TOM Lab/Applied Mechanics Lab	Mr. Patil R.V.	Lab Assistant	ITI(Fitter)	Lab Assistant- 17 yrs Industry -3.5 yrs	1. NDT metal solution 3 weeks training program, 2. Hemant Engineering 3 Weeks inplant Training 3. One week training program on Six Sigma
2	FMM Lab/MQC Lab/Power Engineering Lab	Mr. Sutar B.A.	Lab Assistant	ITI (Sheet Metal)	Lab Assistant- 20 yrs Industry -05 yrs	1. Certificate on Youth leadership for Climate action
3	Fitting Section	Mr. Deokar M. D.	Instructor	ITI, NCTVT	Instructo- 18 Yrs	1. ISO audit online course on fire safety
4	Black Smithy Section/ Sheet Metal Shop	Mr. Sagar M. U.	Instructor	ITI Electrical	Instructor-2.5 yrs Industry -05 yrs	1. Diploma (ME) Persuing 2. Alision certification 3. ACE Micromatic CNC programming Training,
5	Carpentry Section/ Press shop	Mr. Dalbhanjan R. S.	Instructor	ITI, NCTVT	Instructor-20 yrs Industry -05 yrs	1. Certification on EV
6	Welding Section	Mr. Harihar J. B.	Instructor	ITI, NCTVT	Instructor-20 yrs Industry -2.5 yrs	1. Alision Certification on Welding Basics Theory and Safety Precaution 2. Alision Certification on Arc Welding and cutting-OSHA
7	Plumbing Shop/ Machine shop	Mr. More D.M.	Instructor	ITI,Vocational diploma in Machining	Instructor-17 yrs Industry -05 yrs	1. CATIA,MASTERCAM,CNC Maintenance Course
8	Molding shop	Mr. Jadhav L. P.	Instructor	ITI, NCTVT	Instructo-18 yrs	-

Sr. No	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important Equipment(Costing more than Rs.30,000)	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	CAD LAB	20	PC, Projector, Ser	Odd sem-34 Hrs.	Mr.Patil R.V.	Lab Assistant	ITI(Fitter)

2	Power Engineerin	20	Reciprocating Air	Odd sem-10 Hrs.	Mr. Sutar B.A.	Lab Assistant	ITI(Sheet Metal)
3	Fluid Mechanics	20	Centrifugal pump	Odd sem- 06 Hrs	Mr. Sutar B.A.	Lab Assistant	ITI(Sheet Metal)
4	Theory of Machin	20	Cam Analysis ma	Odd Sem-04 Hrs	Mr.Patil R.V.	Lab Assistant	ITI(Fitter)
5	Metrology and Qu	20	Floating Carriage	Odd Sem-10 Hrs.	Mr. Sutar B.A.	Lab Assistant	ITI(Fitter)
6	Applied Mechanic	20	Universal testing	Odd Sem- 16 Hrs	Mr.Patil R.V.	Lab Assistant	ITI(Fitter)
7	Physics Lab	20	He Ne Laser	Odd Sem- 14Hrs	Mr. Shelke P.V.	Lab Assistant	Bsc in PCIC
8	Chemistry Lab	20	Digital Nephelom	Odd Sem- 34 Hrs	Ms.Patil P.K	Lab Assistant	Bsc. Chemistry
9	Fitting Section	20	Pillar Drill Machin	Odd Sem -32 Hr	Mr. M. D. Deokar	Instructor	ITI, NCTVT
10	Black Smithy Sec	20	Open Hearth Furn	Odd Sem -32 Hr	Mr. Sagar M. U.	Instructor	ITI Electrical
11	Carpentry Sectior	20	Wood Turning Lat	Odd Sem -32 Hr	Mr. Dalbhanjan R	Instructor	ITI, NCTVT
12	Welding Section	20	Welding Machine	Odd Sem -32 Hr	Mr. Lohar J. B.	Instructor	ITI, NCTVT
13	Sheet Metal Shop	20	Shearing Machine	Odd Sem -32 Hr	Mr. Sagar M. U.	Instructor	ITI Electrical
14	Press shop	20	Fly Press Machine	Odd Sem -32 Hr	Mr.Dalbhanjan R.	Instructor	ITI, NCTVT
15	Plumbing shop	20	Pipe Vice	Odd Sem -32 Hr	Mr. More D.M.	Instructor	ITI,Vocational dip
16	Machine shop	20	VMC	Odd Sem -32 Hr	Mr. More D.M.	Instructor	ITI,Vocational dip

6.3 Additional facilities created for improving the quality of learning experience in laboratories (20) **Total Marks 19.00**

A. Facilities (10) Institute Marks 9.00

To enhance the quality of laboratory learning beyond the prescribed curriculum requirements, the department has established several **value-added facilities** that support experiential learning, innovation, and Outcome-Based Education (OBE).

Table 6.3 A Facilities

Sr. No.	Additional Facility	Details / Impact	
1	Modern Equipment Addition	**Academic Year**	**Description**
		2023-24	Chain Pulley Block, Parallel Force Apparatus,Simple Screw Jack
		2024-25	Vertical Milling Machine,Shearing machine,Brinell Hardness Tester,Single and Double Shear Box,Linear Displacement Measurement Kit,Floating Carriage Micrometer
		2025-26	Single Slider Crank Mechanism,Scotch Yoke Mechanism,Cam Analysis Machine
2	Digital Learning Resources	**Academic Year**	**Description**
		2023-24	NIL
		2024-25	Installation of Interactive Board
		2025-26	Addition of Computers in CAD Lab
3	Industry-Oriented Setup	**Academic Year**	**Description**
		2024-25	Bajaj Manufacturing Systems Certification Program
		2025-26	Establishment of COE for Mold and Die Design
4	Safety Enhancements	Renovation of Fire safety cease fires, first-aid facilities	
5	Infrastructure Improvement	**Academic Year**	**Description**
		2024-25	Renovation of Theory of Machine Lab
		2025-26	Renovation of CAD Lab
6	Lab Manuals	Availability of updated practical manuals, instructional charts.	
7	Project & Innovation Support	Previous year student's projects for reference to understand design methodology, documentation, and innovation practices.	
		Academic Year	**Description**
		2025-26	Recognition as HUB institute for Entrepreneurship and Startup Ecosystem development by MSBTE and COEPS Bhau Institute of Innovation, Entrepreneurship and Leadership, Pune.
8	Maintenance & Calibration	Regular servicing, calibration and preventive maintenance systems.	
10	Skill Enhancement Facilities	Value-added training modules, workshops, and specialized technical certification resources	
		Technical Skill / Entrepreneurship Skill / Employability Skill	
		Academic Year	**Description**
		2023-24	**1.** Three Days workshop on Virtual Simplified Simulated Lean Six Sigma Yellow Belt Project_V 1.0 project by Pursullence GBS LLP, Pune **2.** Three Days workshop on CNC/VMC Training by Indian Machine Tool Manufacture's Association (IMTMA), Pune **3.** Three Days workshop on Creo Elements Direct Drafting / Modeling by Institution of Tool Engineering (ITE), Pune **4.** Three Days Entrepreneurship Awareness Camp by Maharashtra Centre for Entrepreneurship Development (MCED), Pune
		2024-25	**1.** Three Days workshop on Virtual Simplified Simulated Lean Six Sigma Yellow Belt Project_V 1.0 project by Pursullence GBS LLP, Pune **2.** Two Days workshop on Introduction to Solid Works and Basic Modeling by EV Robotics, Pune **3.** Five Days TIG MIG Welding Technology Workshop by Autocluster Development and Research Institute, Pune

		4. Interview Preparations Workshop by Mr. Sunil Desale- HR Head Endurance Ltd. Pune
	2025-26	**1.** Two Days workshop on Virtual Simplified Simulated Lean Six Sigma Yellow Belt Project_V 1.0 project by Pursullence GBS LLP, Pune **2.** Training Program on Mold and Die Designing Software by Cimatron, Pune **3.** Employability & Job Readiness Programme by Mahindra & Mahindra's Naandi Foundation

B. Effective Utilization (5)

Institute Marks

5.00

Table 6.3 B.Effective Utilization

Sr. No.	Facility	Utilization Method	Frequency	beneficiaries	Outcome / Benefit
1	Modern Equipment Addition	Utilized during practical sessions, demonstrations, machining practice, material testing, and mechanism analysis experiments.	Regular	Second & Third Year Mechanical Engineering Students	Enhanced practical knowledge and hands-on learning skills
2	Digital Learning Resources	Interactive board used for smart teaching and presentations; CAD lab computers used for drafting, modelling, and simulation practices.	Regular	Second & Third Year Mechanical Engineering Students	Improved technical competency and digital learning skills
3	Industry-Oriented Setup	Conducting certification programs, industrial exposure activities, and mold & die design training through COE.	Periodic	Second& Third Year Mechanical Engineering Students	Improved industry readiness and professional exposure
4	Safety Enhancements	Fire safety systems and first-aid facilities utilized during laboratory and workshop activities to ensure safe working practices.	Regular	All students of Mechanical Engineering department	Better safety awareness and secure learning environment
5	Infrastructure Improvement	Renovated laboratories utilized for practical conduction, demonstrations, CAD practice, and project activities.	Continuous	All students of Mechanical Engineering department	Smooth functioning and improved teaching-learning environment
6	Lab Manuals	Updated practical manuals and instructional charts used during laboratory practical's and self-learning activities.	Continuous	Students, Faculty, and Technical Staff	Better conceptual understanding and systematic practical execution
7	Project & Innovation Support	Previous year projects referred for guidance in project selection, design methodology, innovation, and documentation practices.	Regular	Third Year Mechanical Engineering Students	Enhanced innovation, project development, and entrepreneurship awareness
8	Skill Enhancement Facilities	Workshops, value-added programs, entrepreneurship camps, welding training, CAD/CAM training, and employability sessions conducted.	Periodic	Second- & Third-Year Mechanical Engineering Students and Faculty Members	Improved employability skills, technical competency, and entrepreneurship development

C. Relevance to POs/PSOs (5)

Institute Marks

5.00

Table 6.3 C. Relevance to POs/PSOs

Sr. No.	Facility	Relevant PO(s)	Relevant PSO(s)	Justification
1	Modern Equipment Addition	PO1, PO2, PO3, PO5	PSO1, PSO2	Enhances practical knowledge, machine handling skills, mechanism analysis, and application of engineering concepts in laboratory practice.
2	Digital Learning Resources	PO1, PO4, PO5	PSO1, PSO2	Supports CAD/CAM learning, digital drafting, simulations, and modern engineering tool usage.
3	Industry-Oriented Setup	PO2, PO3	PSO1, PSO2	Provides industrial exposure, certification programs, and industry-oriented training for professional competency.
4	Safety Enhancements	PO6, PO7	PSO1	Promotes safe laboratory practices, awareness of workplace safety, and responsible engineering practices.
5	Infrastructure Improvement	PO1, PO4, PO5	PSO1, PSO2	Improves laboratory environment, practical execution, project work, and effective utilization of modern facilities.
6	Lab Manuals	PO1, PO4	PSO1	Supports systematic experimentation, self-learning, teamwork, and understanding of practical concepts.
7	Project & Innovation Support	PO2, PO3, PO4	PSO1, PSO2	Encourages innovation, project development, entrepreneurship, and application of design methodology.
8	Skill Enhancement Facilities	PO5	PSO1, PSO2	Enhances employability, technical competency, communication skills, entrepreneurship, and lifelong learning

6.3.2 Digital Learning Resources

Sr. No	Facility Name	Details	Reason(s) for creating facility	Utilization	Areas in which students are expected to have enhanced learning	Relevance to POs/PSOs
1	Modern Equipme	Addition of Chain	To provide hands	First, Second Yea	Machine operation, manufa	PO1, PO2, PO3, F
2	Digital Learning F	Installation of Int	o improve digital	First,Second Year	CAD/CAM skills, digital lear	PO1, PO4, PO5, F
3	Industry-Orientec	Bajaj Manufactur	To bridge the gap	First,Second & Th	Industry practices, manufa	PO2, PO3, PO5,P
4	Safety Enhancem	Renovation of fire	To ensure safe la	Second & Third Y	Safety practices, workplace	PO6, PO7,PSO1
5	Infrastructure Im	Renovation of Th	To provide impro	First, Second & T	Practical understanding, pr	PO1, PO4, PO5, F
6	Lab Manuals	Availability of upc	To support struct	Third Year Mecha	Experimental procedures, c	PO1, PO4,PSO1
7	Project & Innovat	Previous year prc	To promote innov	Second Year Mec	Innovation practices, desig	PO2, PO3, PO4,
8	Skill Enhancemer	Workshops on Le	To enhance empl	First, Second & T	Technical competency, com	PO5,PSO1, PSO2

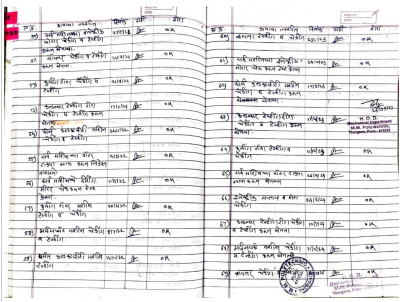
6.4 Laboratories: Maintenance and overall ambiance (10) **Total Marks 9.00**

Institute Marks
9.00

The department has well-established laboratories. Each laboratory is designed to provide a safe, clean, and conducive environment for effective teaching–learning and experimentation.

Table 6.4 Laboratories and overall ambiance

Sr. No.	Parameter	Details / Remarks
1	Preventive Maintenance	Regular servicing, calibration, and upkeep of laboratory equipment and machinery.
2	Breakdown Maintenance	Timely repair and replacement of faulty equipment to ensure uninterrupted practical sessions.
3	Cleanliness	Laboratories are maintained in clean, organized, and hygienic condition.
4	Lighting & Ventilation	Adequate illumination, air circulation, and comfortable working environment.
5	Safety Measures	Fire extinguishers, first-aid kits, safety instructions.
6	Workspace Arrangement	Proper layout, organized workstations, and sufficient space for practical activities.
7	Display & Learning Aids	Charts, equipment manuals, and instructional displays enhance learning.
9	Inventory Management	Proper stock registers, issue records, and equipment monitoring systems maintained.
10	Student-Friendly Environment	Positive ambiance supporting effective practical learning and discipline.



Maintenance Register

6.5 Availability of computing facility in the department (10) **Total Marks 10.00**

Institute Marks
10.00

Sr. No	No Of Computer terminals	Students Computer Ratio	Details of Legal Software	Details of Networking	Details of Printers, Scanners etc.
1	35	1:1	AutoCAD 2026. C	Internet service	4 Printers(1 colou

6.6 Language lab (10) **Total Marks 9.00**

Institute Marks
9.00

· The institute has a dedicated language laboratory to improve communication and soft skills of students.

· The language lab is equipped with modern audio-visual tools, language software, and communication enhancement resources.

· Regular practice sessions focus on spoken English, pronunciation, vocabulary, presentations, and interview preparation.

· The facility significantly contributes to personality development and employability skills.

· Language lab activities are aligned with curriculum objectives and industry expectations.

· Continuous maintenance and updates ensure effective utilization of language learning resources.

Recognizing this need, the institute has established a **dedicated language laboratory** equipped with modern facilities and ICT tools. The language lab is an audio-visual installation designed to support contemporary teaching methods. Innovative and unconventional approaches are employed to refine students' communicative abilities.

Language Lab Setup

An advanced, state-of-the-art Language Laboratory has been established to enhance students' language and communication skills. To ensure smooth functioning, the lab is equipped with modern hardware and ICT tools, maintaining a 1:1 student-to-PC ratio.

Table 6.6 Equipment and Hardware Details

Sr. No.	Equipment	Quantity
1	Computers	22
2	Headphones	20
3	Projector (Epson EB 1915)	1
4	LCD Screen (8 × 6)	1
5	Speaker (Creative 5.1)	1
6	UPS (Ador POWERACE)	1

Activity Conducted ;

a) Assignments:

- MSBTE-prescribed course books are utilized for systematic curriculum delivery.
- Students complete assignments within the laboratory under faculty supervision.
- Submitted assignments are evaluated by the course coordinator, and marks are uploaded through the official MSBTE portal.
- Continuous assessment ensures academic progress and skill enhancement.

b) Practical Sessions:

- Remedial teaching is conducted with personalized attention to support slow learners.
- Regular revision sessions and doubt-clearing activities strengthen conceptual understanding.
- Oral feedback is provided on assignments, enabling students to identify weaknesses and improve performance.

c) Audio-Visual Learning

- Expert lectures, educational videos, and online resources are integrated into teaching.
- Faculty-developed PowerPoint presentations reinforce language concepts effectively.
- Interactive audio-visual sessions create an engaging learning environment and reduce monotony.

d) group Discussions:

- Structured group discussion activities are organized regularly to improve communication competence.
- These sessions promote confidence building, critical thinking, and self-assessment.
- Students gain practical exposure to real-time language application.

e) Language Software:

- The laboratory is equipped with Computer-Assisted Language Learning (CALL) software developed by Dr. Shridhar Gokhale.
- The software supports self-paced, technology-enabled, and interactive language learning.
- It facilitates continuous practice in grammar, pronunciation, and communication.

f) Presentations:

- Students prepare and deliver presentations on various topics.
- Presentations are recorded for self-review and faculty assessment.
- Playback sessions help students identify improvement areas in communication, pronunciation, and confidence.

g) Role Plays:

- Simulated real-life professional scenarios are conducted to enhance practical communication.
- Role play activities develop adaptability, interpersonal skills, and professional readiness.

h) Online practice tests:

- Grammar and language proficiency tests are developed using digital platforms such as Google Forms.
- Students independently assess their progress and strengthen weak areas through regular online practice.

SOFTWARE DETAILS

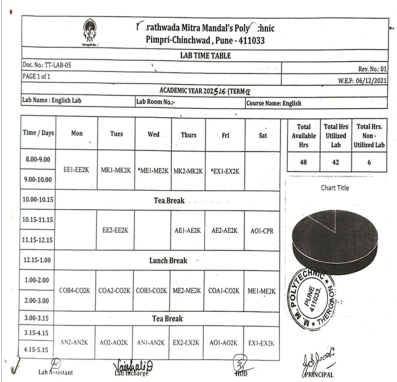
Name of Software -Biyani Technology (Open Learning resources)

Version: Enterprise Version

License Details: Install Number of times (Key Available)

Features (Recording, Monitoring, Training etc.)

Language Lab Utilization



rathwada Mitra Mandal's Poly hnic
Pimpri-Chinchwad, Pune - 411033

LAB TIME TABLE

Doc. No.: TT-LAB-05 | Rev. No.: 01
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ACADEMIC YEAR 2025-26 (TERM-I)

Lab Name : English Lab | Lab Room No.:- | Course Name: English

Time / Days	Mon	Tues	Wed	Thurs	Fri	Sat
8.00-9.00	EE1-EE2K	MK1-MK2K	*ME1-ME2K	MK2-MK2K	*EX1-EX2K	
9.00-10.00						
10.00-10.15	Tea Break					
10.15-11.15		EE2-EE2K		AE1-AE2K	AE2-AE2K	AO1-CPR
11.15-12.15						
12.15-1.00	Lunch Break					
1.00-2.00	CO4-CO2K	CO42-CO2K	CO3J-CO2K	ME2-ME2K	CO4J-CO2K	ME1-ME2K
2.00-3.00						
3.00-3.15	Tea Break					
3.15-4.15	AN2-AN2K	AO2-AO2K	AN1-AN2K	EX2-EX2K	AO1-AO2K	EX1-EX2K
4.15-5.15						

Total Available Hrs	Total Hrs Utilized Lab	Total Hrs. Non - Utilized Lab
48	42	6

Chart Title

Lab Assistant | Lab In-Charge | HOD | PRINCIPAL

7 CONTINOUS IMPROVEMENT (75) **Total Marks 69.00**

7.1 Actions taken based on the resultsof evaluation of each of the POs and PSOs (25) **Total Marks 25.00**

Institute Marks
25.00

POs Attainment Levels and Actions for Improvement- (2024-25)

POs	Target Level	Attainment Level	Observations
PO 1 : Basic and Discipline specific knowledge			
PO 1	2.23	1.70	It is observed that students are weak in Mathematics, Engineering mechanics course. especially lateral Entry students were not able to understand Engineering fundamentals concepts.
Action 1: Extra lectures will be conducted where revision of curriculum will be done.			
PO 2 : Problem analysis			
PO 2	1.87	1.51	It is observed that ability of students to understand fundamentals of core courses is poor.
Action 1: Micro projects will be given to enhance their ability to think and improve practical knowledge.			
PO 3 : Design/ development of solutions			
PO 3	1.69	1.38	A few students had difficulty in understanding concept of a few subjects

Action 1: Extra numerical given to solve

PO 4 : Engineering Tools, Experimentation and Testing

PO 4	1.92	1.59	Few students struggled with engineering tools usage and Lack of confidence

Action 1: Assign micro-projects focusing on experimentation

PO 5 : Engineering practices for society, sustainability and environment

PO 5	1.77	1.33	Students showed insufficient understanding of how engineering solutions impact society and the environment.

Action 1: Organized guest lectures, seminars, and workshops with professionals working in green technologies and sustainable development.
Action 2: Conducted student-led initiatives like community outreach programs.

PO 6 : Project Management

PO 6	1.77	1.54	Students struggled with defining scope, timelines, and resource allocation in projects.

Action 1: Invited industry experts to mentor student teams on real-world project management practices

PO 7 : Life-long learning

PO 7	1.63	1.42	Difficulty in applying knowledge to unfamiliar problems or interdisciplinary contexts.

Action 1: Motivated students to participate in technical competitions
Action 2: Strengthened industry interaction and encouraged internship participation to improve exposure to recent technologies and professional practices.
Action 3:Encouraged students to enroll in online certification courses through platforms like Alision,Bajaj Manufacturing Systems Certification Program

PSOs Attainment Levels and Actions for Improvement- (2024-25)

PSOs	Target Level	Attainment Level	Observations
PSO 1 : Maintenance of equipment & Instruments: Maintenance of equipment & Instruments related to Mechanical Engineering			
PSO 1	1.45	1.21	Students had minimal exposure to maintenance manuals, troubleshooting guides, and safety protocols.

Action 1: Hands-on sessions were organized to train students in preventive and corrective maintenance.
Action 2: Implement Preventive Schedules

PSO 2 : Modern Software Usage: Use knowledge of simple design ,drafting ,manufacturing, Maintenance & documentation in latest Mechanical engineering related software's.

PSO 2	1.64	1.63	Very few students struggled to independently use advanced features

Action 1: Added assignments and lab exercises requiring use of modern software for design, drafting, and analysis.
Action 2: Invited professionals to demonstrate industry applications of modern mechanical software.

7.2 Improvement in Success Index of Students without the backlog (10)

Total Marks 9.00

Institute Marks
9.00

Items	Latest Passed out Batch (2022-23)	Latest Passed out Batch minus 1 (2021-22)	Latest Passed out Batch minus 2 (2020-21)
Success Index (from 4.2.1)	0.20	0.14	0.10

7.3 Improvement in Placement and Higher Studies (10)

Total Marks 9.00

Institute Marks
9.00

Items	Latest Passed out Batch (2022-23)	Latest Passed out Batch minus 1 (2021-22)	Latest Passed out Batch minus 2 (2020-21)
Placement Index (from 4.6)	1.06	1.07	1.07

7.4 Improvement in Academic Performance in Final year (10)

Total Marks 9.00

Institute Marks
9.00

Items	Latest Passed out Batch (2022-23)	Latest Passed out Batch minus 1 (2021-22)	Latest Passed out Batch minus 2 (2020-21)
Academic Performance Index (from 4.3)	5.91	6.40	2.81

7.5 Internal Academic Audits to Review Complete Academics & to Implement Corrective Actions on Continous Basis (10)

Total Marks 9.00

Institute Marks
9.00

Items	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
Internal Academic Audits	2	2	2

7.6 New Facility created in the Program (10)

Total Marks 8.00

Institute Marks
8.00

Items	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
New Facility Created	Industry Institute	Smart boards ins	Implementation c

8 STUDENT SUPPORT SYSTEMS (50)

Total Marks 50.00

8.1 Mentoring system to help at individual level (10)

Total Marks 10.00

Institute Marks
10.00

The admitted student in polytechnic is from different background of the society and face different difficulties. One teacher is appointed as mentor of approximate 20 students to keep close watch on individual student's behavior and performance.

§ 'Mentor System' is followed to reach out every student of the institute and help him tackle his/her problems.

§ A faculty is appointed for a group of 20 students to mentor and guide the students.

§ As per the convenience of students and the concerned Mentor, fortnightly or monthly meetings are held with students and various issues are discussed.

§ Personal, family, academic, economic and social problems of the students are addressed by the teacher guardian (Mentor).

§ A Mentor maintains record of students' performance and gives feedback to the HOD.

§ A Mentor keeps himself in the contact of students' parents and informs them of their son/ward's performance time to time by telephonic call.

§ One Teacher – Parent meet is arranged in semester where student attendance & progressive test records are presented.

§ In case of student facing concentration or behavior related problem they are guided to the counselor appointed by the institute.

Types of Mentoring : Professional Guidance/Career Advancement/Cours work Specific /Laboratory Specific/All-round Development

Frequency of Meeting : Monthly

No. of Faculty Mentors : 54

No. of Students Per Mentor : Approx. 20 to 25 Students

Sr. No.	Type of Mentoring System	Purpose	Functioning	Efficacy
1	**Professional guidance/ Career advancement**	**Professional guidance –** regarding professional goals, Selection of career. **Career advancement – To take up higher** education after Diploma. Self-employment opportunities, entrepreneurship Development.	1) Professional guidance is provided by arranging lectures of eminent personalities from academics and industry by the Training and Placement cell. 2) Industrial visits are done frequently to make the students aware of the work atmosphere, new trends, modern approach and Advancements in the industry in a real sense.	**1)** students have enrolled for higher education **2)** students have secured positions in reputed industries **3)** Students have turned out to be successful Entrepreneurs.
2	**Course work specific**	Counselling on academic, personal and other problems faced by students and thereby improve academic performance and hence achieve the Program outcomes.	1) Every faculty member, as a counsellor, is assigned a group of students usually 20 for who they act as a mentor. 2) The faculty counsels regarding academic, personal and other problems faced by the student. 3) If a student requires any course related mentoring, they are directed to the concerned subject teacher. 4) Parents whose wards are irregular are telephoned on a regular basis so that necessary actions are taken by them. **5)** Parent Teacher meet are held to discuss the matters and arrive at a solution. Critical cases are discussed with the counsellor, HOD, Principal and parent and cases are resolved	1) Attendance of the 2) Students in the classes have improved. Overall academic performance of the students has improved. 3) Due to the effective functioning of course specific 4) Mentoring system at our institute the parent's involvement has increased which helps in building relation with the Institute. 5) Subject specific 6) teachers make the course simpler for the weaker students as they are identified by this mentoring tool

8.2 Feedback analysis and reward/ corrective measures taken, if any (10)

Total Marks 10.00

Feedback collected for all courses: YES/NO; Specify the feedback collection process; Average Percentage of students who participate; Specify the feedback analysis process; Basis of reward/ corrective measures, if any; Indices used for measuring quality of teaching & learning and summary of the index values for all courses/teachers; Number of corrective actions taken.

A. Methodology being followed for feedback collection, analysis and its effectiveness (5)

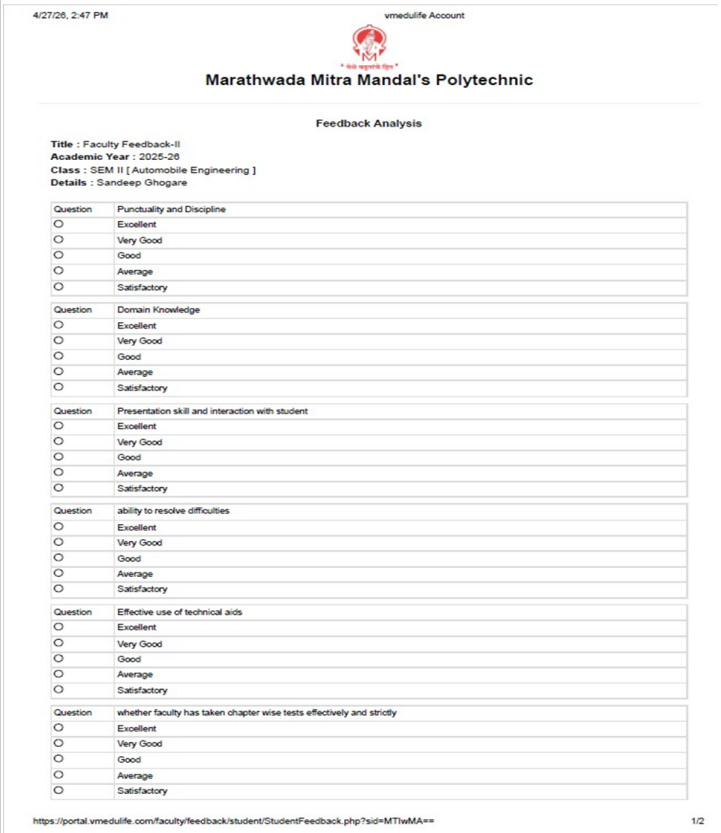
Institute Marks
5.00

Feedback collection Process:

- As a part of the Faculty Appraisal system students are encouraged to give feedback of the teaching staff.
- Online Feedback from student is collected within a few weeks of beginning of semester through college ERP to permit adequate time to ensure improvement in performance of teacher.
- Feedback of all subject teachers is taken to monitor student's acceptance.
- Average Percentage of students who participated is approx. 50%
- Collected Feedback Questionnaire is scrutinized & quantified by the Head of department
- All the parameters mentioned in the feedback form are analyzed
- The entire process is run in way and students are incognito in the process.
- Students can also give their feedback on the various facilities used or required by them.

- Suggestion Box has been placed in the institute to make available a platform for students' suggestions and grievances.

SAMPLE Feedback Form



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Marathwada Mitra Mandal's Polytechnic

Feedback Analysis

Title : Faculty Feedback-II
Academic Year : 2025-26
Class : SEM II [Automobile Engineering]
Details : Sandeep Ghogare

Question	Punctuality and Discipline
O	Excellent
O	Very Good
O	Good
O	Average
O	Satisfactory

Question	Domain Knowledge
O	Excellent
O	Very Good
O	Good
O	Average
O	Satisfactory

Question	Presentation skill and interaction with student
O	Excellent
O	Very Good
O	Good
O	Average
O	Satisfactory

Question	ability to resolve difficulties
O	Excellent
O	Very Good
O	Good
O	Average
O	Satisfactory

Question	Effective use of technical aids
O	Excellent
O	Very Good
O	Good
O	Average
O	Satisfactory

Question	whether faculty has taken chapter wise tests effectively and strictly
O	Excellent
O	Very Good
O	Good
O	Average
O	Satisfactory

https://portal.vmedulife.com/faculty/feedback/student/StudentFeedback.php?sid=MTIwMA== 1/2

B. Record of corrective measures taken (5)

Institute Marks
5.00

Basis of reward/ corrective measures, if any;

- All the comments of the students in the feedback form are communicated to the respective faculty members along with their feedback score to know strengths / weaknesses and to improve teaching skills.
- The feedback is analyzed by the HOD and concern faculty and possible reasons for poor feedback are explored.
- The faculty is guided for teaching learning process by HOD & Senior faculty.
- Such faculties are motivated to participate in faculty training program.
- Faculty is asked to develop or modify teaching aids and classroom delivery under the guidance of senior faculty.
- The staff members with special contributions are being appreciated by appreciation letter

8.3 Feedback on facilities (5)

Total Marks 5.00

A. Student feedback on facilities, analysis and corrective action taken (5)

Institute Marks
5.00

Institute has adequate infrastructure for academic facility like lecture room, Laboratories, language lab, Library, tutorial room, reading room, computer internet facility, store facility, First Aid facility, Girls & Boys common room, medical & counselling , Canteen & ground, washroom, Drinking water, Sick room, sport etc.

Within a few weeks of beginning of second semester student feedback is taken on facility to maintain & improve it further.

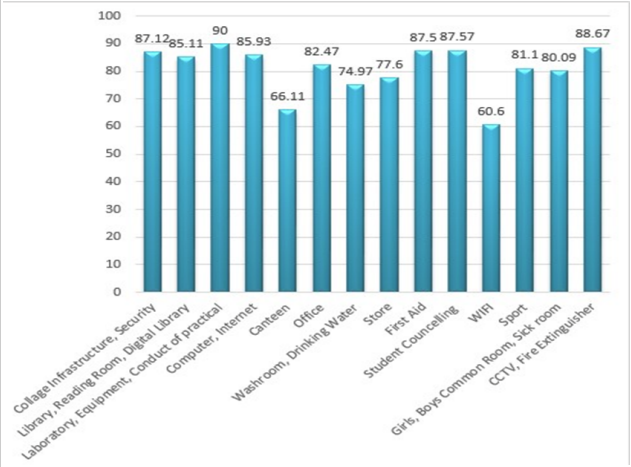
Academic Year: 2025-26 **No. of student**: 219

Evaluation of feedback on Facility

Sr. No.	Criteria	Satisfaction of student in %
1.	College Infrastructure, Security	**87.12**
2	Library, Reading room, Digital library	**85.11**
3	Laboratory, Equipment, Conduct of practical	**90**
4	Computer/ Internet facilities	**85.93**
5	Canteen	**66.11**
6	Co-operation from the office & Accounts dept.	**82.47**
7	Washroom, Drinking water	**74.97**
8	Store facility	**77.6**
9	First aid facility	**87.5**

10	Student Counselling and Guidance	**87.57**
11	WIFI Facility	**60.6**
12	Sport Facility	**81.1**
13	Girls & Boys common room, Sick room	**80.09**
14	CCTV, Fire extinguisher	**88.67**

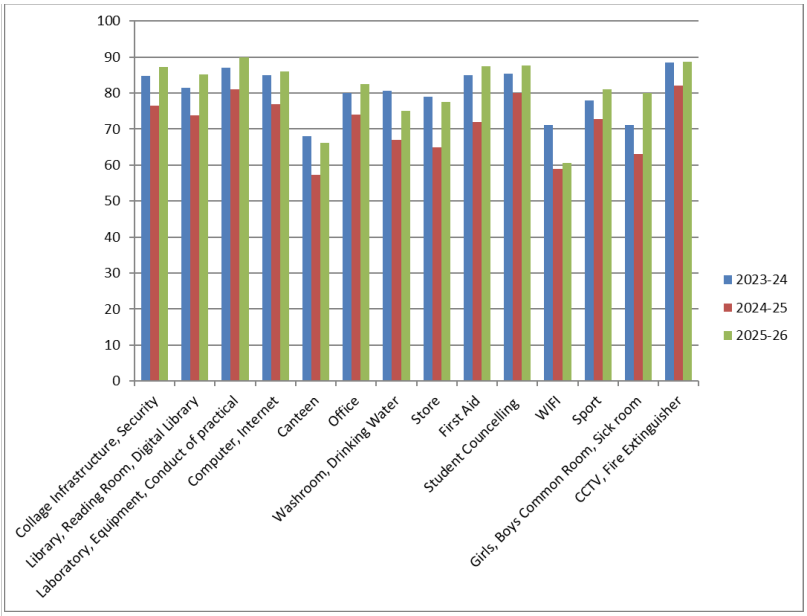
Graphical Representation of Facility Feedback (2025-26)



Last Three Years Student Feedback on Facility

Sr. No.	Criteria	% satisfaction of student		
		2023-24	2024-25	2025-26
1.	College Infrastructure, Security	**84.71**	**76.42**	**87.12**
2	Library, Reading room, Digital library	**81.47**	**73.75**	**85.11**
3	Laboratory, Equipment, Conduct of practical	**87**	**81**	**90**
4	Computer/ Internet facilities	**85**	**76.79**	**85.93**
5	Canteen	**68**	**57.32**	**66.11**
6	Co-operation from the office & Accounts dept.	**80**	**74.1**	**82.47**
7	Washroom, Drinking water	**80.58**	**66.96**	**74.97**
8	Store facility	**79**	**65**	**77.6**
9	First aid facility	**85**	**72**	**87.5**
10	Student Counselling and Guidance	**85.29**	**80**	**87.57**
11	WIFI Facility	**71.2**	**59**	**60.6**
12	Sport Facility	**78**	**72.7**	**81.1**
13	Girls & Boys common room, Sick room	**71.17**	**63.03**	**80.09**
14	CCTV, Fire extinguisher	**88.52**	**81.96**	**88.67**

Graphical Representation of Last Three Year Student Feedback on Facility



Sample Feedback form:-

Marathwada Mitra Mandal's Polytechnic

Thergaon Pune – 411033

STUDENT FEEDBACK ON FACILITY FOFORM

Academic year :-

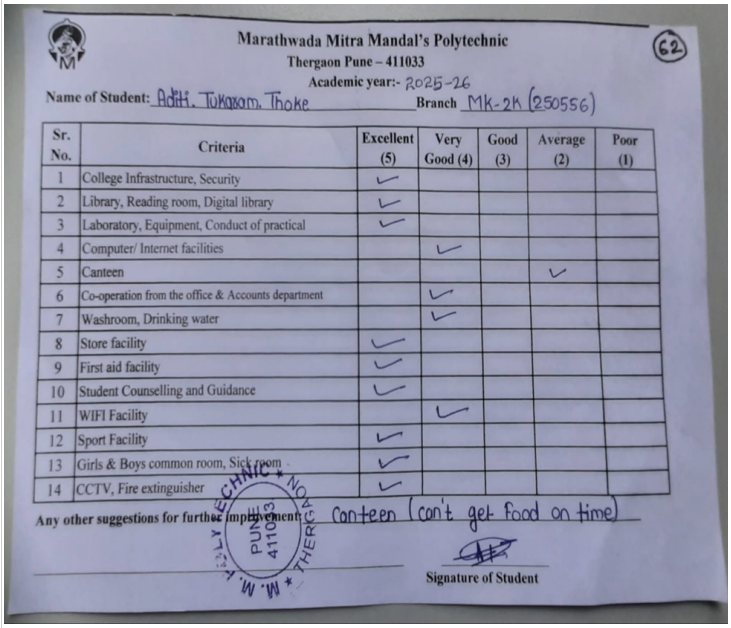
Name of Student: **Class of student:**

Sr. No.	Criteria	Excellent (5)	Very Good (4)	Good (3)	Average (2)	Poor (1)
1.	College Infrastructure, Security					
2	Library, Reading room, Digital library					
3	Laboratory, Equipment, Conduct of practical					
4	Computer/ Internet facilities					
5	Canteen					
6	Co-operation from the office & Accounts dept					
7	Washroom, Drinking water					
8	Store facility					
9	First aid facility					
10	Student Counseling and Guidance					
11	WIFI Facility					
12	Sport Facility					
13	Girls & Boys common room, Sick room					
14	CCTV, Fire extinguisher					

Any other suggestions for further improvement:

Date: **Signature of Student**

Students Feedback Sample :



Marathwada Mitra Mandal's Polytechnic

Thergaon Pune – 411033

Academic year:- 2025-26

Name of Student: Aditi. Tukaram. Thake Branch Mk-2K (250556)

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Sr. No.	Criteria	Excellent (5)	Very Good (4)	Good (3)	Average (2)	Poor (1)
1	College Infrastructure, Security	✓				
2	Library, Reading room, Digital library	✓				
3	Laboratory, Equipment, Conduct of practical	✓				
4	Computer/ Internet facilities		✓			
5	Canteen				✓	
6	Co-operation from the office & Accounts department		✓			
7	Washroom, Drinking water		✓			
8	Store facility	✓				
9	First aid facility	✓				
10	Student Counselling and Guidance	✓				
11	WIFI Facility		✓			
12	Sport Facility	✓				
13	Girls & Boys common room, Sick room	✓				
14	CCTV, Fire extinguisher	✓				

Any other suggestions for further improvement: Canteen (can't get food on time)

Signature of Student

Corrective Action Taken based on the feedback and comments:

The feedback indicated that the students are satisfied with the currently available facilities.

Maintenance of the existing facilities is done on regular basis. Cultural Events and Sports activities are held in beginning of second semester. Institute is planning to provide more facilities to students without compromising on academic activities.

Based on feedback analysis and suggestions for improvement following measures are taken.

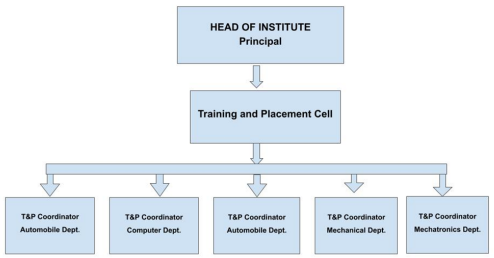
Sr. No.	Suggestions for improvement	Measures Undertaken
1)	Improvement in Canteen Services	The canteen contractor is informed by official letter about the feedback obtained from the students. In cognizance with letter contractor has increase no. of tables, chairs & variety of items. Quality of food is also maintained.
2)	Washroom, Drinking water	**Drinking Water** • Water source inspected and contamination risks identified. • Regularly serviced water purification system (RO/UV). • Overhead and storage tanks cleaned and disinfected. • Regular water quality testing initiated (microbial and chemical). **Washrooms** • Deep cleaning and disinfection of all washrooms completed. • Cleaning schedule implemented (2–3 times daily). • Continuous water supply ensured; plumbing issues fixed. • Soap, hand wash provided. • Damaged fixtures (flush, taps, doors) repaired/ replaced. • Covered dustbins installed and regular waste disposal started. • Ventilation improved (exhaust fans/windows repaired). • Pest control treatment carried out. • Proper lighting and safety measures ensured. **Monitoring Actions Taken** • Cleaning and maintenance logbook introduced. • Responsible staff assigned for daily supervision. • Periodic inspection system implemented.
3)	Store Facility	Due to construction work limited time store facility was provided.We are in the process of increasing the store facility, which will become operational once the building construction is completed and sufficient space is available.
4)	Wi Fi Facility	Due to misuse of Wi-Fi facility in classroom, facility is limited up to laboratories.

8.4 Career Guidance, Training, Placement (20) **Total Marks 20.00**

Institute Marks
20.00

The institute has a dedicated Training & Placement Cell with a Training and Placement Officer, and departmental coordinators, industry interaction support, career counseling facilities, training support, internship support, and infrastructure for conducting training, on campus / online campus placement drives and career guidance activities.

Training and Placement Cell Structure



Training and Placement Team: 2025-26, 2024-25, 2023-24

T&P Team	2025-26	2024-25	2023-24
Head of Institute	Mrs. Joshi G. S., Principal	Mrs. Joshi G. S., Principal	Mrs. Joshi G. S., Principal
Training and Placement Officer	Mr. Mhalankar G. S.	Mr. Mhalankar G. S.	–
T&P Coordinator - AE	Mrs. Herlekar M. M.	Mrs. Herlekar M. M.	Mrs. Herlekar M. M.
T&P Coordinator - CO	Mr. Salunkhe N. K.	Mr. Salunkhe N. K.	Mrs. Komal Jagtap
T&P Coordinator - EE	Mrs. Nimbalkar D. K.	Mrs. Nimbalkar D. K.	Mrs. Nimbalkar D. K.
T&P Coordinator - ME	Mrs. Savalajkar P. R.	Mr. Kulkarni S. P.	Mr. Dandge A. G.
T&P Coordinator - MK	Ms. Shelke G. D.	Ms. Shelke G. D. / Mr. Krishnani A	Mr. Krishnani A

Marathwada Mitra Mandal's Polytechnic
Sr. No. 4/17, Pimpri-Chinchwad, Pune– 411 033.
Accredited by National Board of Accreditation
Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics Engineering

Prin.BhausahebG.Jadhav, Exe.President | Shri.KishorH.Mungale, Secretary | Mrs.GeetaS.Joshi, Principal

Ref.No.MMP/T&P/2025-26/35 Date: 18th July 2025

Office Order

Subject: Constitution of Training & Placement (T&P) Team

The following staff members are hereby appointed as members of the Training & Placement (T&P) Team for the Academic Year 2025–26.

Sl. No.	Name	Role
1.	Mr. Mhalankar G. S.	Training and Placement Officer
2.	Mrs. Herlekar M. M.	T&P Coordinator - AE
3.	Mr. Salunkhe N. K.	T&P Coordinator - CO
4.	Mrs. Nimbalkar D. K.	T&P Coordinator - EE
5.	Mrs. Savalajkar P. R.	T&P Coordinator - ME
6.	Ms. Shelke G. D.	T&P Coordinator - MK

Functions of T&P Team:

1) Coordinate training, internship,and placement activities.
2) Organize expert sessions, and career guidance programs.
3) Establish industry interaction and placement opportunities for students.
4) Maintain placement-related records and documentation.
5) Support skill development and employability activities.

All concerned shall note and act accordingly.

M. M. POLYTECHNIC PUNE 411033. THERGAON

PRINCIPAL
Marathwada Mitra Mandal's POLYTECHNIC Thergaon, Pune - 411 033.

Objective of Training & Placement Cell:

1. To establish strong industry–institute interaction for enhancing student employability.
2. To organize training, internship, apprenticeship, and placement activities for students.
3. To create awareness about career opportunities, higher education, and entrepreneurship.
4. To bridge the gap between academic curriculum and industry requirements.
5. To enhance technical skills, soft skills, communication skills, and professional ethics among students.
6. To provide industry exposure through industrial visits, expert lectures, seminars, and workshops.
7. To facilitate campus recruitment opportunities

Functions of Training and Placement Cell:

1. Organize campus recruitment drives and placement activities.
2. Coordinate internships, industrial training, and apprenticeship programs.
3. Conduct aptitude, technical, communication, and personality development training.
4. Guide students in resume writing, interviews, group discussions, and career planning.
5. Arrange industrial visits, guest lectures, seminars, and workshops.
6. Maintain liaison with industries, alumni, and professional organizations.

Training and Placement Activities:

1. Organizing campus placement drives, and internships opportunities.
2. Conducting interview preparation training.
3. Facilitating industry interaction and MoUs for training and placement support.
4. Providing career guidance to students
5. Organizing value added courses and certification programs

Training and Placement Cell Activities 2025-2026

Industry-Institute Interaction Meet 2025-26:

Sl. No.	Date	Activity	No. of Participants
1.	30th April 2026	Industry-Institute Interaction: Faculty Awareness Programme	Industries / Organizations - 4; Ind. Representatives - 07

			Faculties - 14

Training and Placement Cell Activities 2024-2025

Industry-Institute Interaction Meet 2024-25:

Sl. No.	Date	Activity	No. of Participants
1	14th September 2024	Industry Meet	Industries / Organizations - 10; Representatives - 13
2	14th December 2024	Institution-Industry Cell Meeting	Industries / Organizations - 06; Representatives - 09
3	22 nd February, 2025	Industry-Academia Conclave 2025	Industries / Organizations - 10; Representatives - 12
4	13th March 2025	CSR Meet	Industries / Organizations - 12; Representatives - 14

Industry-Institute Interaction: Faculty Awareness Programme - April 2026

Faculty Awareness Programme on Mold & Die – Design & Manufacturing was conducted on Thursday, 30th April 2026 at Marathwada Mitra Mandal's Polytechnic, Thergaon, Pune.

During the Industry-Institute Interaction: Faculty Awareness Programme on Mold & Die – Design & Manufacturing, Mr. Sachin Walke Killarikar delivered a live demonstration of the Cimatron software, highlighting its applications in tool design and manufacturing processes. Mr. Amol Arun Mane delivered an insightful presentation on Cimatron—an integrated CAD/CAM software offering end-to-end solutions for tool design and manufacturing.

He elaborated on:

- Current industry requirements
- Essential technical skill sets expected from students
- Career and placement opportunities in India and abroad
- The importance of industry-aligned training in engineering education

The programme was highly informative and beneficial for faculty members, providing valuable insights into current industrial practices and technological advancements in the field of Mold & Die Design and Manufacturing.

Industry-Academia Conclave February, 2025:


Industry-Academia Conclave 2025 was successfully organized by **Marathwada Mitra Mandal Trust** on **February 22, 2025**, at **J.W. Marriott, Pune**. The event, themed **"Future of Work: Reshaping Workplaces with AI"**, aimed to strengthen industry-academia collaborations and discuss the evolving impact of AI on the workforce.

Event Highlights

The conclave brought together **eminent industry leaders** who engaged in insightful discussions on:

- **AI-driven transformations** across various industries.
- **Challenges in workforce upskilling** and the role of academia in bridging the skill gap.
- **NEP 2020 implementation** and the alignment of educational curricula with industry needs.

The event witnessed enthusiastic participation from **industry professionals and academicians** from **various institutes under MM Trust**, including **the institute (M M Polytechnic)**. This provided a platform for fostering meaningful discussions and exploring potential collaborations.

Industry Representatives Invited by M M Polytechnic & Their Participation:

The following industry representatives invited by the institute participated in the conclave, contributing valuable insights and strengthening our industry relationships:

Sr. No.	Name	Designation	Industry
1	Mr. Amit Shirsikar	Enterprise Program Manager	Rockwell Automation
2	Ms.Archana Shirsikar	Sr Quality Engineer- SCM	Plex System
3	Mr. Mukul Chowdhury	Lead-Academy	Skoda Auto Volkswagen India Pvt. Ltd.
4	Mr. Subodh Korde	Coach	Ekam Consultant, IIMB
5	Mr. Ganesh Kadam	HR Head	Cikautxo India Pvt Ltd
6	Amit Kanase	Site HR Pune and India HRBM Harvester GPL	CNH Industrial (India) Pvt. Ltd.
7	Mr. Sunil S. Desale	Plant HR Head	Endurance Technologies Ltd.
8	Mr. Dilip Londhe	Sr HR Mgr.	Finearc Systems Pvt. Ltd.
9	Mr. Mahesh Jadhav	Head-HR	Yazaki India Pvt Ltd
10	Mr. Krishna Vighe	HR Generalist	Yazaki India Pvt Ltd
11	Mr. Yogesh Ghawate	Manager HR(ER)	Piaggio Vehicles Private Limited
12	Awdhoot Vedpathak	Manager HR(ER)	Piaggio Vehicles Private Limited

The Industry-Academia Conclave 2025 was a remarkable success, fostering collaboration, innovation, and knowledge-sharing between academia and industry. The discussions highlighted the necessity for continuous engagement and dialogue to equip students with the skills needed for the evolving workforce. The participation of esteemed industry representatives helped strengthen our institute's industry connections and open pathways for future collaborations.

Institution-Industry Cell Meeting - December 2024:

Institution-Industry Cell Meeting was held on 14th December 2024 at VG Tap Lab, Marathwada Mitra Mandal's Polytechnic.

The meeting was attended by the following industry representatives:

Mr. Kalyan Pawar, Executive Vice President – Corporate ER/IR & Chairman, NIPM Pune Chapter, Endurance Technologies Ltd.

Mr. Sachin D. Mohite, S.H. Pitkar Orthotools Pvt. Ltd.

Mr. Ganesh Shejwal, Subros Ltd.

Ms. Soniya Maan, Subros Ltd.

Mr. Harshad Dayanand Yadav, BVG India Limited

Mr. Avinash Kaldate, BVG India Limited

Ms. Sapna Pathak, Sr. Manager HR, Abhi-Tech Fab & Machining Pvt Ltd

Ms. Aishwarya Kadadekar, Abhi-Tech Fab & Machining Pvt Ltd

Mr. Kishor Kadam, Provitech Solutions

Institution Representatives Included:

Principal, HODs, TPO, and Training and Placement Coordinators of Marathwada Mitra Mandal's Polytechnic.

The agenda of the meet included:

1. Review of Previous Collaborations
2. Internship Opportunities
3. Industry Expectations from Academia
4. Skill Development and Training Programs for Students and Faculty
   - Specific add-on courses, workshops, and initiatives to enhance employability.
5. Campus/Pool Campus Placement Strategies
   - Placement drives starting January 2025.
6. Collaboration on Projects, Consultancies, Lab Equipment, CSR Activities, and Employee Training Programs
7. Vision and Mission Statements and Gap Analysis for Departments:
   - Electrical, Mechanical, Automation & Robotics, and AI & ML
8. Open Discussion

The meeting was a big success.

Industry Meet- September, 2024:

An Industry Meet was held on Saturday, 14th September 2024, at the Seminar Hall of M M Polytechnic. The event aimed to explore potential collaborations between industries and MM Polytechnic.

The following industry representatives participated in the meet:

- **Maxion Wheels Aluminum India Pvt. Ltd.**: Ms.Suchita Lokhande, HR Specialist; Ms. Nidhi Mishara, HR Analyst
- **Quess Corp Ltd.**: Ms. Sudarshana B Wakchoure, Team Leader
- **TVS Training and Service Centre**: Mr. Sachin V, Senior Manager
- **TRUMPF (India) Pvt. Ltd.**: Mr. Vinod Bhagia, People Practices; Ms. Bhavika Chhablani, HR
- **DANA India Private Limited**: Mr. Santosh Gajre, Plant HR Head; Ms.Pradnya Kanase, Deputy Manager HR
- **Autoneum India Pvt. Ltd.**: Mr. Harshad Patil, Head HR
- **Steelmax Valves and Automation Pvt. Ltd.**: Mr. Alok Kumar Singh, Quality Engineer
- **Automotive Stampings and Assemblies Limited**: Mr. Jayadev Mishra, Chief Finance Officer
- **Vintyaa Technologies Pvt. Ltd.**: Mr. Vishal Bhagat, Business Development Manager
- **Yuva Shakti Foundation**: Mr. Prasad Gunjal, Field Officer

MM Polytechnic representatives who attended the meet included:

- Mrs. Geeta S. Joshi, Principal
- Mr. P. M. Dumbre, HOD (Mechanical Engineering)
- Mr. Rahul Gundla, HOD (Automobile Engineering)
- Mr. Tushar Kadam, I/c HOD (Electrical Engineering
- Mr. Ganesh Mhalankar, Training and Placement Officer
- Mr. Shriniwas Kulkarni, Lecturer
- Mr. A. L. Krishnani, Lecturer
- Mrs. Manasi Herlekar, Lecturer
- Mrs. Deepali Nimbalkar, Lecturer

Various partnership opportunities were discussed, including:

- Student and faculty projects
- Industrial visits
- Expert lectures
- In-plant training
- Internships
- Placements (on-campus, off-campus, and pool campus)
- Lab equipment support
- Corporate Social Responsibility (CSR) activities

The meeting was a big success with an agreement to proceed with the discussed collaborations.

1. **Management of Career Guidance, Training, Placement, Internship. :**

- Career Guidance seminars and workshops are organized on both the department and institute level.
- T&P activities have been planned and executed to expose students to various career opportunities.
- Before starting interview drives, an awareness session is conducted regarding different job opportunities in the industry for job seeker students.
- The data of job seeker students of every department is collected and updated frequently with all required details.
- Campus Interviews are organized in the institute and well-known companies visit the campus.
- Tie-ups and MoUs are signed with leading organizations to ensure students' placement.
- Different department level or institute level trainings are organized to enhance students' employability.
- Companies' criteria for placement conduct Aptitude Test, Group Discussion, Interview & Medical Test. These criteria vary from company to company.
- Market survey is done by every program for Summer Internship of students
- Different forms are filled from Employer, Parents, Students before commencement of Internship
- Internship is a period of work experience offered by an employer to give students exposure to the industrial environment.

Training Activity 2025-26

Training Organized - 2025-26:

Sl. No.	Date	Activity	No. of Beneficiary
1.	07-09th February 2026	Employability Skills Enhancement Programme by Mahindra & Mahindra's Naandi Foundation	44

Employability & Job Readiness Training Programme 2025-26:

Employability & Job Readiness Training Programme was conducted for 3 days from Saturday, 7th February 2026 to Monday, 09th February 2026 for the third year Automobile, Computer, Electrical, Mechanical and Mechatronics Engineering students. The sessions included I am Unique, Body Language and Professional Grooming, English - Language for Career, Job Opportunity, Interview Preparation, Group Discussion, Professional Ethics, Effective Speaking. The training programme was organized in collaboration with Naandi Foundation (Mahindra & Mahindra Group CSR).

Group Discussion Activity during Training Programme

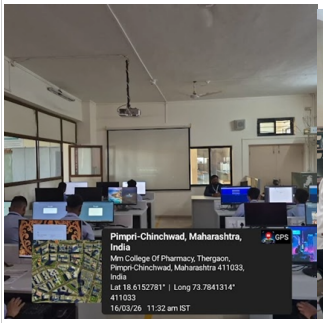
Campus Placement Activities 2025-26:

On/Off Campus Placement Drives Organized - 2025-26:

Sl. No.	Date	Activity	No. of Beneficiary
1.	2nd September 2025	Pool Campus Placement Drive by Seoyon E-Hwa Summit Automotive Pune Pvt. Ltd.	18
2.	17th January 2026	Pool Campus Placement Drive by Bajaj Auto Ltd., Chakan, Pune	174 (MMP-76 + Others-88)
3.	19th January 2026	Pool Campus Placement Drive by Bosch Chassis Systems India Pvt. Ltd., Chakan, Pune	173 (MMP-86 + Others-87)
4.	13th February 2026	Pool Campus Placement Drive by GE Aerospace, Wasuli, Chakan, Pune	114 (MMP-72+ Others-42)
5.	13th February 2026	Campus Placement : Final Assessment by Capgemini (ME-1)	1
6.	14th February 2026	Off Campus Placement Drive by Saarloha Advanced Materials Pvt. Ltd. (Kalyani Group)	1
7.	25th February 2026, & 27th February 2026	Online interviews by Schlep MHE Solutions Private Limited, Warje, Pune	20
8.	04th March 2026	Off Campus Placement Drive by Saint Gobain Sekurit India Ltd., Kuruli, Chakan, Pune	20
9.	13th March 2026	Off Campus Placement Drive by Bijur Delimon India Pvt. Ltd., Nighoje, Chakan	1
10.	16th March 2026	Pool Campus Placement Drive by V TechWabag Ltd., Aundh, Pune	60 (MMP-26 + Others - 34)
11.	26th March 2026	Off Campus Placement Drive by Winspiration Energy & Engg Pvt Ltd., Wakad, Pune	3
12.	27th March 2026	Off Campus Placement Drive by Atlas Copco Ltd., Chinchwad, Pune	2
13.	18th April 2026	Off Campus Placement Drive by Schindler India Pvt. Ltd., Chakan, Pune	2

Campus Placement - March, 2026:

Pool Campus Placement Drive was conducted on Monday, 16th March 2026 at the institute for Diploma in Electrical, and Mechanical Engineering students. The drive was organized in collaboration with VA Tech WABAG, Aundh, Pune.



Students Writing WABAG Aptitude Test

Students Participating in a WABAG Group Discussion

Other Institutes Participated - 4 No. | Total Participation - 60 students | Total Selections - 7 No.

Campus Placement - February, 2026

Pool Campus Placement Drive conducted on Friday, 13th February 2026 at the institute for Diploma in Automobile, Electrical, and Mechanical Engineering students. The drive was organized in collaboration with GE Aerospace, Chakan, Pune.

Students Writing the GE Aptitude Test

GE Aerospace Interview Panel Interviewing Students

Other Institutes Participated - 4 No. | Students Participated - 114 No. | Total Selections - 35 No.

Campus Placement - January, 2026

Pool Campus Placement Drive was conducted on Monday, 19th January 2026 at the institute for Diploma in Automobile, Electrical, Mechanical and Mechatronics Engineering students. The drive was organized in collaboration with Bosch Chassis Systems India Pvt. Ltd., Chakan, Pune.

Other Institutes Participated - 9 No. | Students Participated - 173 No. | Total Selections - 143 No.

Campus Placement - January, 2026

Pool Campus Placement Drive was conducted on Saturday, 17th January 2026 at the institute for Diploma in Automobile, Electrical, Mechanical and Mechatronics Engineering students. The drive was organized in collaboration with Bajaj Auto Ltd., Chakan, Pune.

Pre-Placement Talk by The Bajaj Auto Ltd. Team.

Mr. Pratik Bhabad, Bajaj Auto

Online Interviewing Out of Station Students.

Other Institutes Participated - 4 No. | Students Participated - 114 No. | Total Selections - 35 No.

Training Activity 2024-25

Trainings Organized- 2024-25:

Sl. No.	Date	Activity	No. of Beneficiary
1.	2nd September 2024	Career Guidance Programme: ACDRI Skill Enhancement Workshops	142 (MK-39, ME-24, AE-19, EE- 40 CE- 52)
2.	10th September 2024	Resume writing workshop (POD.ai)	156 (EE - 14, MK - 29, ME - 24, AE - 19, CE - 70)
3.	16th October 2024	Interview Preparations Workshop	142 (MK-44, ME-30, AE-23, EE-37 CE-8)

Career Guidance Programme 2024-25:

A Career Guidance Programme was held for third year students on 02.09.2024. Ms. Deepti Deshpande from Auto Cluster Development and Research Institute (ACDRI) gave guidance to the students on 3D Printing, Fire Prevention & Fire Fighting, Automotive Embedded Systems, Robotic Automation, Industrial Secrets of EV, Creo Parametric Design Software. 174 students from Automobile, Computer, Electrical, Mechanical, & Mechatronics Departments benefitted from the programme.

Interview Preparations Workshop 2024-25:

Interview Preparations Workshop was held for third year students on 16th November 2024. 142 Students from Automobile, Computer, Electrical, Mechanical, and Mechatronics departments participated in the programme.

Campus Placement Activities 2024-25:

On/Off Campus Placement 2024-25:

Sl. No.	Date	Activity	No. of Beneficiary
1.	29th January 2025	Campus Drive for Electrical, Mechanical, and Mechatronics students by Yazaki India Pvt. Ltd. at MMCOE	83 (MMP-39 + Others-44)
2.	21st and 22nd February 2025	Pool Campus Drive for Automobile and Mechanical Students by Bosch Chassis Systems I. Pvt. Ltd.	102 (MMP-46 + Others-56)
3.	4th March 2025	Pool Campus Drive for Electrical and Mechanical Students by Gilbarco Veeder Root	82 (MMP-71 + Others-11)
4.	8th March 2025	Pool Campus Drive for Automobile, Electrical, and Mechanical Engineering Students by Piaggio Vehicles Pvt. Ltd., Baramati	55 (MMP-49 + Others-6)
5.	13th March 2025	Off Campus Placement of 4 ME students by Minda Corporation Ltd., Spark Minda Group	04
6.	22nd March 2025	Campus Drive for Automobile and Mechanical Engineering Students by Elixir-India and 1K2K Dosing and Dispensing Pvt. Ltd.	47 (AE-20 + ME-27)
7.	23rd April 2025	Off Campus placement of 4 students by Divgi Torq Transfer Systems Pvt Ltd., Bhosari (Drive by YBP)	04
8.	29th April 2025	Pool Campus Placement drive by Bharat Stars Services Pvt. Ltd. (BSSPL)	12 (MMP-6 + Others-6)
9.	10th May 2025	Off Campus Placement Drive for Diploma students by Mahindra Auto Steel Pvt. Ltd., Varale, Khed, Chakan, Pune	19
10.	16th May 2025	Campus Placement Drive for Degree and Diploma Engineering Students by Keolis India Pvt. Ltd. at Marathwada Mitra Mandals College of Engineering (MMCOE), Karvenagar, Pune.	19 (MMP-19)
11.	03rd June 2025	Off Campus Placement Drive for Diploma and Degree students by Bijur Delimon India Pvt Ltd, Pune	03 (MMP-0 + Others-3)

Campus Placement - April, 2025:

Pool Campus Placement Drive conducted on Tuesday, 29th April 2025 at the institute for Diploma in Automobile and Mechanical Engineering students. The drive was organized in collaboration with Bharat Stars Services Pvt. Ltd. (BSSPL)

Pre-placement Talk

Bharat Stars Interview panel interviewing students

Other Institutes Participated - 4 No. | Students Participated - 35 No. | Total Selections - 12 No.

Campus Placement - March, 2025:

Campus Placement Drive was conducted for Diploma in Automobile and Mechanical Engineering students by Elixir-India and 1K2K Dosing and Dispensing Pvt. Ltd on 22nd March 2025.

Pre-placement Talk

Elixir-India and 1K2K Interview panel

interviewing students

Students Participated - 47 No. | Total Selections - 05 No.

Campus Placement - March, 2025:

Pool Campus Placement Drive was conducted for Diploma students in Automobile, Electrical, and Mechanical Engineering by Piaggio Vehicles Pvt. Ltd., Baramati on 8th March 2025.

Pre-placement Talk

Piaggio Vehicles Pvt. Ltd. Interview panel

interviewing students

Other Institutes Participated - 2 No. | Students Participated - 55 No. | Total Selections - 34 No.

Campus Placement - February, 2025:

Pool Campus Placement Drive conducted for Diploma in Automobile and Mechanical Engineering students by Bosch Chassis Systems I. Pvt. Ltd. was conducted in the institute over two days, 21st and 22nd February 2025.

पूल कॅम्पस प्लेसमेंट ड्राइव्ह

■ सलोनी शिंदे (एम.एम. पॉलिटेक्निक)

मराठवाडा मित्र मंडळाच्या पॉलिटेक्निकतर्फे बॉश चेसिस सिस्टम्स इंडिया प्रायव्हेट लिमिटेडच्या सहकार्याने ऑटोमोबाईल व मेकॅनिकल इंजिनिअरिंगमधील डिप्लोमा विद्यार्थ्यांसाठी पूल कॅम्पस प्लेसमेंट ड्राइव्चे यशस्वीरित्या आयोजन केले होते. विविध पॉलिटेक्निक संस्थांमधील १०२ विद्यार्थ्यांनी सहभाग नोंदविला. एम.आय.टी. डब्ल्यूपीयू पॉलिटेक्निक, कोथरूड, रसिकलाल धारीवाल इन्स्टिट्यूट ऑफ टेक्नॉलॉजी, चिंचवडगाव, पिंपरी-चिंचवड पॉलिटेक्निक, निगडी, वेणुताई चव्हाण पॉलिटेक्निक (एसव्हीपी), वडगाव, कुमरो वाडिया इन्स्टिट्यूट ऑफ टेक्नॉलॉजी, पुणे सरकारी पॉलिटेक्निक, मिरज जयवंतराव सावंत पॉलिटेक्निक हडपसर यांचा सहभाग होता. भरती प्रक्रियेत अभियोग्यता चाचणी, तांत्रिक मुलाखती आणि एचआर मुलाखतींचा समावेश होता. 'बॉश'चे एचआर मुरली कुमार यांनी मार्गदर्शन केले. मुलाखत पॅनेलमध्ये एचआर प्रमुख रवींद्र पाटील होते. १०२ विद्यार्थ्यांना नियुक्ती पत्र दिले. एम. एम. पॉलिटेक्निकच्या ४६ विद्यार्थ्यांचा सहभाग होता. प्राचार्या गीता जोशी यांनी बॉश चेसिस सिस्टम्स इंडिया कंपनीचे आभार मानले. संस्थेचे कार्याध्यक्ष बी. जी. जाधव यांनी विद्यार्थ्यांचे अभिनंदन केले.

Mr. Murli Kumar (HR) and Mr. Ravindra Patil from Bosch Chassis Systems India Pvt. Ltd. interviewed students.

Other Institutes Participated - 07 No. | Students Selected - 102 No.

Campus Placement Activities 2023-24:

Sl. No.	Date	Activity	No. of Beneficiary
1.	10th July 2024	Campus Placement for VGTAP Programme Students' (2023-24 Batch)	8
2.	13th August 2024	Campus Recruitment Drive by Gilbarco Veeder-Root	11 (2023-24 Batch)

Campus Placement - August, 2024:

A campus recruitment drive for 2023-24 Electrical and Mechatronics Engineering batch was organized by Gilbarco Veeder-Root, a global leader in fueling and convenience retail solutions, at the institute on Tuesday, 13th August 2024.


The company briefed students about its vision, work culture, and growth opportunities during a pre-placement presentation. A total of 11 students attended the campus drive. Shortlisted candidates faced technical interviews. Candidates who cleared the technical round were interviewed by the HR team. A total of seven students from the Electrical and Mechatronics departments were successfully offered letters after clearing all stages of the recruitment process. These students will undergo further training at Gilbarco Veeder-Roots facility at Mumbai before joining full-time roles.

Gilbarco Veeder-Root Drive | Students Participated - 11 No. | Students Selected - 07 No

Placement for Internship 2024-25:

Sl. No.	Date	Activity	No. of Beneficiary
1	28th November 2024	Campus Drive for Internships for Mechatronics Students by Gilbarco Veeder-Root, B. U. Bhandari Auto Pvt. Ltd., and ATQ Metro Pvt. Ltd.	44 (MK)
2	11th April 2025	Internship Placement drive by Trinity Engineers Pvt. Ltd.	11

Campus Drive For Internship Placement - 2024:

Campus Drive for 6 month Internship for Mechatronics (Sandwich Course) Students by Gilbarco Veeder-Root, B. U. Bhandari Auto Pvt. Ltd., and ATQ Metro Pvt. Ltd. was organized at the institute on Thursday, 28th November 2024.

Gilbarco Veeder-Root, B. U. Bhandari Auto Pvt. Ltd., and ATQ Metro Pvt. Ltd.

Representatives Addressing students


ATQ Metro Pvt. Ltd. Interview panel interviewing students

Gilbarco Veeder-Root Interview panel interviewing students

| Students Selected - 44 No. |

Placement & Internship Details for Last Three Years:

Sl. No.	Activity	Programme	Academic Year		
			2025-26	2024-25	2023-24
1.	No. of Campus Placements	Automobile	05*	18	08
		Computer	00*	01	02
		Electrical	37*	14	09
		Mechanical	27*	11	14
		Mechatronics	16*	03	05
2.	No. of Industries Interacted for Placement	Automobile	03*	08	03
		Computer	00*	01	02
		Electrical	05*	06	05
		Mechanical	06*	14	06

		Mechatronics	02*	03	04
3.	No. of Industries for Internships	Automobile	03	06	05
		Computer	24	28	27
		Electrical	21	15	7
		Mechanical	08	12	13
		Mechatronics	23	24	14
4.	No. of Interns	Automobile	35	11	12
		Computer	131	132	138
		Electrical	50	51	27
		Mechanical	40	55	43
		Mechatronics	59	53	23

*** indicates the selection figure till the date of SAR submission.**

Effectiveness:

The institute has signed MoUs with various industries and organizations to strengthen industry–institute interaction and improve students' employability skills. Through these collaborations, the institute conducts internships, industrial visits, expert lectures, skill development programs, value-added courses, and campus placement activities. The MoUs help bridge the gap between academics and industry requirements, providing students with practical exposure and career opportunities.

Industry Collaboration - Centres of Excellence:

i) Envalior India Pvt Ltd., Ranjangaon, Pune - Centre of Excellence in EV Technology:

Envalior India Pvt. Ltd., Ranjangaon, is a reputed multinational company engaged in advanced materials and innovative engineering solutions for the automotive and mobility sector.

Envalior India through its implementation partner, Broarks Foundation, is setting up the COE at the institute. Currently, the work of setting up of the centre is under progress and expected to be complete by August 2026.

MoU with BroadArks Foundation:

On 4th November 2025, an MoU was entered into for establishing "**Centre Of Excellence in EV Technology - Marathwada Mitra Mandal's Polytechnic in collaboration with BroadArks Foundation under Envalior student -Industry outreach Initiative**".

Under this initiative, **students from the institute** as well as outside learners from **financially weaker sections** will receive **free training** in various domains of Electric Vehicle (EV) Technology. Bridge modules will be offered to outside learners to help them integrate into the training process.

Add on Courses:

The Centre will deliver industry-endorsed skilling programmes such as:

- Electric Vehicle Service Technician,
- EV Assembly Technician, and EV Assembly Operator.

Assessments:

Assessments will be conducted by approved Sector Skill Council (SSC)/NSDC agencies, ensuring national standards and certification.

Certification:

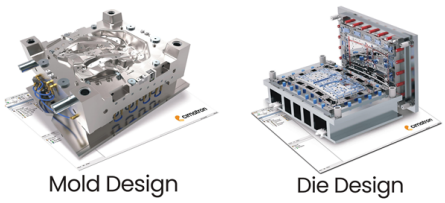
Successful learners will be awarded: NSDC/SSC-aligned certificate issued through an approved awarding body, and Industry certificate from BroadArks Foundation in collaboration with Envalior.

Placement:

All participants will receive placement assistance, connecting them with leading EV manufacturers and allied industries.

The initiative aims to create industry-ready, skilled professionals to support India's transition towards sustainable mobility.

ii) Cimatron Part of Sandvik Group - Centre of Excellence for Mold & Die - Design & Manufacturing In association with Cimatron Part of Sandvik Group:



Cimatron is integrated CAD/CAM software which provides an end-to-end solution for designing and manufacturing tools. Die and mold design and manufacturing is a critical skill area where students require focused and advanced training.

Cimatron's COE was inaugurated on 30th April 2026. Cimatron Ltd. has issued 10 (Ten) Cimatron software licenses to the institute.

MoU with Radhetech Engineering Pvt. Ltd., Pune:

The institute has entered into an MoU with Radhetech Engineering for faculty and students training on Mold and Die Design and Manufacturing on 31st January 2026.

Add on Course:

The first student batch started on 11th May 2026 and currently the training on Cimatron Mold and Die Design and Manufacturing is going on.

Assessment and Certification:

Assessment and Certification of the students will be done by Cimatron

Mr. Sachin Walke Killarikar, Radhetech Engineering, Bhosari, Pune imparting training to students on Cimatron Mold and Die Design and Manufacturing

iii) Industry Collaboration - Lab Equipment Support

Logicon Techonosolutions Pvt. Ltd. - EV Two-Wheeler Donated

Logicon Techonosolutions Pvt. Ltd., Chinchwad, Pune, on 18th July 2025, donated an Electric Two-Wheeler to the institute. This has helped in promoting practical learning and strengthening ties with industry for skill development in the field of electric mobility.

The electric two-wheeler facilitates students perform application-oriented practical experiments based on current industrial practices and standards. The experiments emphasize troubleshooting, fault diagnosis, wiring practices, parameter measurement, system testing, and performance analysis.

iv) Industry Collaboration - Volkswagen Group Technical Apprenticeship Program:

First polytechnic in India chosen by Volkswagen Group India Pvt. Ltd. to start VG-TAP Program. The VG-TAP means "**Volkswagen Group Technical Apprenticeship Program"** which is related to VALUE ADDED technical training about Volkswagen group vehicles.

MoU with Skoda Auto Volkswagen India Pvt. Ltd.

We have signed an MOU with Volkswagen Group India Pvt. Ltd. on 7th December 2010. Under this MOU, we have developed a VG-TAP centre as per Volkswagen standards, which includes vehicles JETTA , cut section of gear boxes & engines, Special diagnostic tools, Computer based training etc.

Volkswagen Group Technical Apprenticeship Program:

a. **Duration of course** :- 32 weeks (including 3 weeks in plant training in VW Group Service station)
b. **Batch Size** :- 16 students /batch.
c. Current Batch:- 16
d. **Selection criteria** :- Min. 55% marks in class X and min. 60% marks in VGTAP selection test
e. **Designation After Placement**:- "Service Advisor" or "Technician" in Volkswagen Group Service station.
f. **Course Activities:-**
    a. Internal Training is to be done at institute level from VW Certified Trainer.
    b. Special 1 week Soft Skill training is to be done at Language Lab.
    c. Field Training is to be done from Volkswagen Trainer for 1 week.
    d. One month On-the-Job Training is carried out at the dealer network.
g. **Students Performance Test:-**
a. Academic Performance.
b. Institute & VGSIPL will jointly conduct the selection test to select the participants who wish to attend the VG –TAP.
c. During the course students will undergo 10 module tests including practical as well as theoretical tests.
d. Post test is carried out by VW Trainer during Field training.
e. Final test.
f. Final Interview by Dealership.
g. **Beneficiary Students** – 327 No.
h. **Certified** - 300 No

Special Achievements:-

a. Institute Award for Best Practices in Teaching and Learning process
b. 2022-23: Runner up in the National Skill Contest
c. Two faculties appointed as Evaluator for National Level Skill Contest by Skoda and Volkswagen
d. Two students are placed at Audi Middle East Dubai.
e. One student selected as Diagnostic Testing Technician for Volkswagen Group Vehicles
f. One student working as Master Technician at Vidyut Motors, Pune
g. One Student working as a service adviser at B. U. Bhandari, Wakad.
h. Five students are placed at the Plant location.
i. Two students working at VW- Academy as a trainer.

V) Industry Collaboration - Six Sigma Training and Certification

MoU with Pursullence GBS LLP, India

The institute's Department of Mechanical Engineering has entered into an MoU with Pursullence GBS LLP for conducting training and certification programs in the field of Lean Six Sigma. Under this collaboration, workshops and certification activities were organized for students and faculty members to enhance their knowledge of quality management, process improvement, and industry-oriented practices.

Workshop Beneficiaries:

- AY 2023–24 : 23 Students
- AY 2024–25 : 31 Students
- AY 2025–26 : 33 Students

Certifications Achieved (AY 2023–24):

- 9 Students
- 2 Faculty Members

V) Incredible Technologies Pvt. Ltd (CredR.com)

Objective of MOU:-

1. To arrange workshops, expert lectures, Competitions relevant to automobile field in the institute.
2. To support technical and Non-Technical events organized by MM Polytechnic
3. To guide and assist prospective startups, entrepreneurs on various aspects such as preparing project reports, obtaining project approvals, loans and facilities from various government/non-government agencies of support system, information on technologies, etc
4. Provide training to students of MMP, Thergaon, Pune as per availability with CredR Pune which will be beneficial to get practical knowledge, start the business or to achieve new job opportunities.
5. To develop professional skills among student
6. Offer job to the suitable students as per requirement.

VII) MWell Software Solution Pune

Mwell is a leading software company in IT industry, MoU is signed by Marathwada Mitra Mandal's Polytechnic for mutual benefits. MWell will provide us sponsorship for student's projects, faculty development program, also internship training for students on real projects.

They provide services like:

- Web development & hosting
- ERP System development & maintenance
- Project development & training

Scope of the MoU include:

- Project Guidance
- Curriculum Design
- Industrial Training & Visits
- Research and Development
- Skill Development Programs
- Internships and Placement of Students
- Guest Lectures
- Faculty Development Programs

List of Memorandums of Understanding (MoUs) with Industries / Organizations:

Sl. No.	Department	MoU Partner	Purpose of MoU	Start Date	End Date	Activities Conducted & Beneficiaries
1.	Artificial Intelligence & Machine Learning	ItView Progressive Learning	FDP,workshops, seminars, guest lectures and internships,industrial visits	31/07/2025	30/7/2028	2025-26: 16 Internship
2.	Artificial Intelligence & Machine Learning	Sumago Infotech	Guest lectures and internships, industrial visits	19/3/2024	18/038/2027	2025-26: 3 Internship
3.	Automation & Robotics	Probotix Control System India Private Limited	FDP,workshops, seminars, guest lectures and internships,industrial visits,lab developments	8/10/25	7/10/2028	
4.	Automation & Robotics	iRobotics-Itech Robotics And Automation Pvt Ltd	FDP,workshops, seminars, guest lectures and internships,industrial visits,lab developments	1/8/25	37/7/28	
5.	Automation & Robotics	IISER	FDP,workshops, seminars, guest lectures	8/3/23	Both parties can decide	
6.	Automation & Robotics	Pimpri Chinchwad Smart City Ltd	Guest lectures, seminars, conferences	3/9/04	2/9/26	
7.	Automation & Robotics	Scientech Technology Pvt. Ltd.	SDP,FDP ,workshops, seminars, guest lectures and internships,industrial visits	11/02/26	11/02/28	
8.	Automobile Engineering	Skoda Auto Volkswagen India Pvt.Ldt.	VGTAP Center, Training Placement, FDP	07/12/2010	valid till any one party will terminate	2024-25: Visit-21 No. Internship-4 No Beneficiaries. Trained - 327 No. Certified - 300 No.
9.	Automobile Engineering	Deep-Technik Engineering	Internship, Guest Lecture, Industrial Visit	16/03/2022	Till Date	2023-24: 5 Internships.
10.	Automobile Engineering	MB Automotive Services	Internship, Guest Lecture, Industrial Visit	1/08/2022	Till Date	Ind Visits: 2023-24, 2024-25, 2025-26; Internship-2023-24 & 2024-25 - 3 No. each
11	Automobile Engineering	Engineering Cluster Pune	Guest Lecture, Industrial Visit	01/02/2023	Till Date	
12	Automobile Engineering	Auto Cluster Chinchwad,Pune	Guest Lecture, Industrial Visit		valid till any one party will terminate	
13	Automobile Engineering	ATQ Metro	Internship, Guest Lecture, Industrial Visit	12.04.2022	Till Date	
14	Automobile Engineering	BroadArks Foundation	EV Skilling Programmes	04-Nov-2025	03-Nov-2028	In process
15	Automobile Engineering	Radhetech Engineering Pvt. Ltd.	Industrial Training, Visits, Guest Lectures	31/01/2026	30/01/2029	
16	Computer Engineering	Source Code Technology	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	30/9/2018	valid till any one party will terminate	Internship 23-24:10 24-25:2 25-26:
17	Computer Engineering	kuuality innovative engineering	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	21/02/2018	21/02/2021	
18	Computer Engineering	Mwell Software Solution Pune	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	15/02/2019	valid till any one party will terminate	

19	Computer Engineering	CISCO Networking Academy	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	29/08/2023	29/08/2026	
20	Computer Engineering	WebGurukul IT Solutions Pvt.Ltd Pune	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	21/05/2022	21/05/2027	
21	Computer Engineering	Globalize Skill Foundation NGO	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	21/05/2022	21/05/2027	
22	Computer Engineering	Infosys Spring Board	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	21/05/2022	valid till any one party will terminate	
23	Computer Engineering	SAN TECHNO mentors pvt ltd	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	11/12/2024	11/12/2029	
24	Computer Engineering	sumago infotech pvt ltd	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	19/3/2024	18/3/2027	Internship 24-25: 5
25	Computer Engineering	ExcelR	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	14/02/2024	14/02/2026	
26	Computer Engineering	Devops operations	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	15/01/2025	15/01/2027	
27	Computer Engineering	Keyword planner	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	15/01/2025	15/01/2027	
28	Computer Engineering	Infeanet digital solutions and web media	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	15/01/2025	15/01/2027	
29	Computer Engineering	Techvista Education	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	15/01/2025	15/01/2027	
30	Computer Engineering	Smart Cookie	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	15/01/2025	15/01/2027	
31	Computer Engineering	Quantum code	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	15/01/2025	15/01/2027	
32	Computer Engineering	Ezio infotech	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	11/04/2025	11/04/2028	Internship 23-24:4 25-26: 10
33	Computer Engineering	sybruss Tech pvt ltd	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	4/8/25	4/8/2026	
34	Computer Engineering	oracle academy	oracle membership	12-Sep-2025	10-Sep-2027	
35	Computer Engineering	Enthralltech private limited	industrial projects, workshops, training programs, internship opportunities	17-Nov-2025	17-Nov-2028	
36	Computer Engineering	Fourise Software Solutions Pvt. Ltd.	industrial projects, workshops, training programs, internship opportunities	17-Nov-2025	16-Nov-2028	
37	Electrical Engineering	Anshlika Skill Foundation (CSR of Legrand Group/ Power sector Skill Council)	Legrand Training	16-12-2023	15-12-2024	Student: 95 Staff: 35
38	Electrical Engineering	MAHAVITARAN (STC Pune zone)	Industrial Visit, Internship, Guest lecture	03-08-2023	02-08-2026	2022-23 Internship :06 2022-2025 Visit: Every Year
39	Electrical Engineering	Rubicon Foundation	Employability skills under life skill program	15-02-2023	14-02-2026	2022-23: 28 No.
40	Electrical Engineering	Tejodeep Technical Services	Project Sponsorship, Guest Lecture, Lab Development expert, Industrial Expert for TTR.	28-12-2021	28-12-2024	23-24: 01 Group (3 Students)
41	Electrical Engineering	S.K. Electric Company	Project Sponsorship, Guest Lecture, Industrial Visit	28-12-2021	28-12-2024	Placement 22-23: 03 2023-24 Internship: 06 Placement: 02 Project: 01 2024-25 Placement -02
42	Electrical Engineering	Jai Mata Di Auto (Kinetic Green), Pune	12 week internship offered to SY students	26-Sept-2024	28-Sept-2027	2024-25 - Internship:01 2025-26: Internship: 08 No. beneficiaries
43	Electrical Engineering	M/S Sahyadri Enterprises, Baramati	Industrial Visit	12-Mar-2025	12-Mar-2028	Visit:01 No. Beneficiaries:41
44	Electrical Engineering	BroadArks Foundation	EV Skilling Programmes	04-Nov-2025	03-Nov-2028	In process
45	Electrical Engineering	Electrocraft System, Pune	Guest Lecture	17-Feb-2026	17-Feb-2031	Lecture:01 No. beneficiaries 43
46	Electronics Engineering	Scientech Technology Pvt. Ltd.	SDP,FDP, workshops, seminars, guest lectures and internships, industrial visits	11/02/26	11/02/28	
47	Electronics Engineering	Sdtronics Pvt. Ltd	SDP, FDP, workshops, seminars, guest lectures and internships, industrial visits	24/11/25	24/11/27	
48	Electronics Engineering	Arthtech Automation Services.	SDP,FDP ,workshops, seminars, guest lectures and internships	24/11/25	24/11/27	

49	Mechanical Engineering	Rubicon Foundation	Skill Development Training Programme	15.02.2023		
50	Mechanical Engineering	G Square Engineering Pvt. Ltd.				
51	Mechanical Engineering	MIJSC at IIMB	Lean Manufacturing Programme	12.11.2022	Until terminated	04 No. beneficiaries
52	Mechanical Engineering	The Institute of Tool Engineering (ITE)	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	03/11/2022	02/11/2025	-
53	Mechanical Engineering	Auto Cluster Development and Research Institute (ACDRI)	Industry visit, Training	13.01.2021	13.01.2022	2023-24: Visit - 40 No.; 2024-25: Welding Training: 30 No. beneficiaries
54	Mechanical Engineering	Deep-Technik Engineering	Training, Workshops	16.03.2022	16.03.2025	
55	Mechanical Engineering	Indian Institute of Science Education and Research (IISCER), Pune	Faculty Development	08.03.2023	07.03.2026	02 No. beneficiaries
56	Mechanical Engineering	Urja Metallurgical Services	Industrial Visit, In-plant Training	Jun 2023	May 2026	
57	Mechanical Engineering	Jyoti Heat Treatment	Industrial Visit, In-plant Training	Jun 2023	May 2026	2023-24 Industrial Visit: 34 No. beneficiaries
58	Mechanical Engineering	Radhetech Engineering Pvt. Ltd.	Industrial Training, Visits, Guest Lectures	31/01/2026	30/01/2029	Beneficiary: 10
59	Mechanical Engineering	Pursullence GBS LLP, India	Six sigma yellow belt training workshops and certifications	Jun 2023	May 2026	Workshop Beneficiary: 2023-24:23 No; 2024-25: 31 No.; 2025-26: 33 No. Certifications: 23-24: 9 Students & 2 Faculties
60	Mechanical Engineering	BroadArks Foundation	EV Skilling Programmes	04-Nov-2025	03-Nov-2028	In process
61	Mechatronics Engineering	Litex Electrical Pvt.Ltd.Pune	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	07/05/2025	07/05/2030	2025-26: Guest Lecture-53 beneficiaries
62	Mechatronics Engineering	Dolphin Labs	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	31/07/2025	31/07/2030	2025-26: Expert Lecture - 50 Workshop-56 Beneficiaries
63	Mechatronics Engineering	Ravin Cables Limited	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	22/03/2025	22/03/2026	2024-25 Workshop-51
64	Mechatronics Engineering	Matrix Robotics	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	24/11/2025	24/11/2028	
65	Mechatronics Engineering	ATQ Metro		18/04/2022	12/04/2025	
66	Mechatronics Engineering	Maha Sainik Industrial Estate (MSIE)		16/03/2022	15/03/2025	
67	Mechatronics Engineering	The World of Automation	Internship, Industry Visit	12/10/2022	12/10/2025	2024-25: Workshop - 52 No. Guest Lecture-48 2023-24: Workshop-25 Internship, Industry Sponsored Project
68	Mechatronics Engineering	Zimmer Automation LLP	Industry Visit	25/09/2022	25/09/2025	2024-25: Industry Visit - 45 No.
69	Mechatronics Engineering	Embetron System Solutions		18/06/2022	07/06/2025	
70	Mechatronics Engineering	Rubicon Foundation		15/02/2023	Until Terminated	
71	Mechatronics Engineering	Tiscon Testing and Research Institute		01/01/2021	31/12/2023	
72	Mechatronics Engineering	Technocraft Institute of Robotics Research	Industry Visit	01/06/2021	31/05/2023	2023-24: Industry Visit - 22
73	Mechatronics Engineering	Realtech Precision Engineering		01/10/2020	30/11/2023	
74	Mechatronics Engineering	Realtech Precision Consulting Work		01/03/2022	28/02/2023	

8.5 Entrepreneurship Cell/Technology Business Incubator (5) **Total Marks 5.00**

Institute Marks
5.00

The Entrepreneur Development Cell has been established in the institute to encourage self-employment. Expert's guidance and necessary training on Entrepreneurship Development is made available to the students.

Objective of Entrepreneurship Cell:

- To introduce the concept of entrepreneurship and promote employment opportunities.

- Creating awareness among the students of the Polytechnic regarding entrepreneurship as a career option, provide training in entrepreneurship through modular courses.
- Conduct training programs in the field of entrepreneurial skill development
- To provide a platform for interaction with Entrepreneurs.
- To develop management personnel at appropriate levels for the non-corporate & unorganized sector like Education, rural development, small scale industry etc.

ED Cell Members for the academic year 2025–26:

Name	Designation	Role
Mrs. Geeta S. Joshi	Principal	Chairperson
Mr. Ganesh S Mhalankar	Training and Placement Officer	Co-ordinator
Mrs. Lubhda P. Nemade	Lecturer, Automobile Engineering	Member
Mrs. Supriya J. Patil	Lecturer, Computer Engineering	Member
Mrs. Deepali K. Nimbalkar	Lecturer, Electrical Engineering	Member
Mrs. Pratibha Rahul Savalajkar	Lecturer, Mechanical Engineering	Member
Mrs. Gitanjali D. Shelke	Lecturer, Mechatronics Engineering	Member

Marathwada Mitra Mandal's Polytechnic

Sr. No. 417, Pimpri Chinchwad, Pune - 411 033

Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics | AIML | Automation & Robotics

Contact No - 9657728182, Email ID- office@mmpolytechnic.com

Shri. Shivajirao D. Ganage, President | Prin. Bhausaheb G. Jadhav, Exe. President | Shri. Kishor H. Mungale, Secretary

Ref. No. MMP/T&P/ED Cell/2025-26/ Date: 19/08/2025

OFFICE ORDER

Subject: Constitution of ED Cell

An Entrepreneurship Development Cell (ED Cell) is hereby constituted at Marathwada Mitra Mandal's Polytechnic, Pimpri-Chinchwad, for the academic year 2025–26 to promote innovation and entrepreneurial skills among students.

ED Cell Members

Name	Designation	Role
Mrs. Geeta S. Joshi	Principal	Chairperson
Mr. Ganesh S Mhalankar	Training and Placement Officer	Co-ordinator
Mrs. Lubhda P. Nemade	Lecturer, Automobile Engineering	Member
Mrs. Supriya J. Patil	Lecturer, Computer Engineering	Member
Mrs. Deepali K. Nimbalkar	Lecturer, Electrical Engineering	Member
Mrs. Pratibha Rahul Savalajkar	Lecturer, Mechanical Engineering	Member
Mrs. Gitanjali D. Shelke	Lecturer, Mechatronics Engineering	Member

The cell will plan and conduct relevant activities, workshops, and mentoring sessions. All members are requested to extend full cooperation.

M. M. POLYTECHNIC PUNE 411033. THERGAON

PRINCIPAL
Marathwada Mitra Mandal's POLYTECHNIC
Thergaon, Pune - 411 033.

Entrepreneurship Cell Activities- 2025-26:

Academic Year 2025-26

Entrepreneurship Development Program

Sl. No.	Date	Name of Event	Activity	Name of Speaker	Name of Program / No. of Beneficiaries
1.	27th September 2025	Entrepreneurial Thinking – Building Awareness & Sparking Curiosity, and Entrepreneurial Journey	Entrepreneurial Thinking – Building Awareness & Sparking Curiosity	Ms. Manisha Tapaswi, Program Manager, & Mrs. Vaishali Aparajit, Sr. Program Manager, deAsra Foundation, Pune	Computer - 55 No, Electrical - 40 No. and Mechanical Engineering - 3 No.
			Entrepreneurial Journey	Ms. Sheetal Arjunwadkar, Founder Director – SACCo (OPC), Pune	

Entrepreneurship Development Cell organized Entrepreneurship Awareness Sessions on Saturday, 27th September 2025 from 02:15 pm to 04:15 pm for the third year students of Computer, Electrical, and Mechanical Engineering branches. The programme aimed to promote entrepreneurial thinking and expose students to real-life experiences from the industry.

Guest Speakers: Ms. Manisha Tapaswi, Program Manager – deAsra Foundation, Pune & Mrs. Vaishali Aparajit, Sr. Program Manager – deAsra Foundation

Topic: "Entrepreneurial Thinking – Building Awareness & Sparking Curiosity"

Ms. Sheetal Arjunwadkar, Founder Director – SACCo (OPC), Pune

Topics: (1) Entrepreneurial Thinking – Building Awareness & Sparking Curiosity (2) "Entrepreneurial Journey"

The sessions included expert talks and an interactive Q&A session. The speakers motivated students by highlighting curiosity, creativity, risk-taking, and perseverance as essential qualities for entrepreneurship.

Students attended: Computer - 55 No, Electrical - 40 No. and Mechanical Engineering - 3 No.

Entrepreneurship Cell Activities- 2024-25:

Academic Year 2024-25

Entrepreneurship Development Program

Sl. No.	Date	Name of Event	Activity	Name of Speaker	Name of Program / No. of Beneficiaries
1.	04th to 06th September 2024	Entrepreneurship Awareness Camp	Workshop in association with Maharashtra Centre for Entrepreneurship Development	Mr. Sunil Patil, Project Officer, MCED	AE-43 EE-48 MK- Total 91.

Entrepreneurship Cell Activities- 2023-24:

Academic Year 2023-24

Entrepreneurship Development Program

Sl. No.	Date	Name of Event	Activity	Name of Speaker	Name of Program / No. of Beneficiaries
1.	07th to 09th September 2023	Entrepreneurship Awareness Camp	Three days workshop in association with Maharashtra Centre for Entrepreneurship Development	Mr. Sunil Patil, Mr. Vijay Deshpane, Mr. Ajit Dorge, Mrs. Akakanksha Patil, Mr. Pandit Gavade, Mrs. Preeti Pande	AE-18, EE-22, ME-23, MK-17
2.	29th August 2023	Swavalambi Bharat Abhiyan	Lecture on Entrepreneurship Awareness	Mr. Rahul Khole, Mr. K D Joshi	AE-15, CO-47, EE-25, MK-18

Success Stories: Institute has success stories as a result of Entrepreneurship cell.

Sr. No.	Name of Student	Department	Batch	Name of Organization	Location
1	Balaji Bobade	Automobile Engineering	2025-26	Balaji Automobiles	Chinchwad
2	Atharva Jagtap	Automobile Engineering	2024-25	Brand Stand	Wakad, Dutta Mandir
3	Pratik Govind Wanale	Automobile Engineering	2023-24	Govind Auto Garage	Kudalwadi, Bhosari
4	Sahil Tarale	Automobile Engineering	2020-21	Mangalmurti Motors	Chakan
5	Shailesh Yadav	Automobile Engineering	2020-21	Balaji Autocare Point	Nehru Nagar, Pimpri
6	Sajid Khan	Automobile Engineering	2019-20	Arzoo Enterprises	Kudalwadi
7	Prathamesh Ramesh Kale	Electrical Engineering	2023-24	Shree Nageshwar Electricals And Electronics	Chinchwad
8	Komal Hanumant Pokharkar	Electrical Engineering	2023-24	Ayakti Controls	Borhadewadi M

9 GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES (75)

Total Marks 75.00

9.1 Organization, Governance and Transparency (25)

Total Marks 25.00

9.1.1 State the Vission and Mission of the Institute (5)

Institute Marks 5.00

Vision :

To nurture proficient technicians with sound ethical and social values contributing towards the welfare of masses

Mission :

M – Make ardent efforts to inculcate technical skills, social and ethical values among students. M – Mould students to be competent through an excellent harmony among Theoretical, Analytical and Practical Knowledge P – Permeate professional skills among students through Co-curricular and Extra- Curricular Activities

9.1.2 Governing body, administrative setup, functions of various bodies, define rules procedures, recruitment and promotional policies (5)

Institute Marks 5.00

1. **Governing body, administrative setup, functions of various bodies, define rules, procedures, recruitment and promotional policies (05)**

A. List the Governing Body Composition; their membership, function, and responsibility (02)

1. Marathwada Mitra Mandal:

B. Governing Body Members

Marathwada Mitra Mandal's Polytechnic
Sr. No. 4/17, Pimpri-Chinchwad, Pune– 411 033.
Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics | AIML | Automation & Robotics
Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

Shri. Shivajirao D. Ganage	Prin. Bhausaheb G. Jadhav	Shri. Kishor H. Mungale
President	Exe. President	Secretary

Date:- 16/06/2025

GOVERNING BODY
(For academic year – 2025-26)

Sr. No.	Name	Designation in Governing Body	Details
1	Shri. S. D. Ganage	Chairman	President, Marathwada Mitra Mandal, Pune
2	Prin. B. G. Jadhav	Member	Executive President, Marathwada Mitra Mandal, Pune
3	Shri. K. H. Mungale	Member	Secretary, Marathwada Mitra Mandal, Pune
4	Shri. A. S. Pawar	Member	Treasurer, Marathwada Mitra Mandal, Pune
5	Shri. S. S. Garge	Member	Joint Secretary, Marathwada Mitra Mandal, Pune
6	Shri. J. M. Pawar	Member	Joint Secretary, Marathwada Mitra Mandal, Pune
7	Shri. S. S. Suryawanshi	Member	Member, Marathwada Mitra Mandal, Pune
8	A.I.C.T.E. Nominee	Representative	--
9	M.S.B.T.E. Nominee	Representative	--
10	D.T.E. Nominee	Representative	--
11	Mrs. G. S. Joshi	Member - Secretary	Principal, Marathwada Mitra Mandal's Polytechnic
12	Shri. P. M. Dambre	Faculty Member	HOD, Mechanical Engg. Dept. (Regular Faculty member)
13	Shri. B. S. Salunke	Faculty Member	Lecturer, Physics Dept. (Regular Faculty member)
14	Shri. V. S. Solanke	Faculty Member	Lecturer, Computer Engg. Dept. (Regular Faculty member)
15	Mr. P. R. Kapure	Non-Teaching Staff Member	Office Superintendent

M.M. POLYTECHNIC PUNE 411033. THERGAON

PRINCIPAL
Marathwada Mitra Mandal's
POLYTECHNIC
Thergaon, Pune - 411 033.

The Governing Body is constituted as per the guidelines of AICTE, New Delhi.

Functions of the Governing Body -

- To consider the recommendation of the sub-committee in respect of Infrastructure, Equipment, Library resources, Staff and Finance for the Academic year.
- To monitor and approve the proposed Recurring and Non-recurring Budget estimates of various departments and other sections.
- To scrutinize and accept the Audited statement of account of each year.
- To approve the Teaching and Non-teaching staff posts as per the Institutions load requirement.
- To consider and make provisions for meeting the general and specific conditions laid down by AICTE, State Government, DTE, MSBTE, NBA and monitor the progress in fulfilling the conditions.
- To direct and guide the Principal on the efforts of Admissions.
- To consider the report and the proposals of the Principal on the academic performance of the staff and students. Recommend necessary remedial measures.
- To approve proposals of the Principal to enhance the academic atmosphere in the Institution.
- To consider proposals for expansion of educational activities to be made to AICTE, DTE, MSBTE, such as the addition of new courses, an increase/decrease in intake capacity.
- Any other important policies and decisions in the future interest of the Institution.

The Meetings of the Governing Body are held twice a year

Marathwada Mitra Mandal's Polytechnic
Sr. No. 4/17, Pimpri-Chinchwad, Pune– 411 033.
Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics | AIML | Automation & Robotics | Electronics Engineering
Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

Shri. Shivajirao D. Ganage	Prin. Bhausaheb G. Jadhav	Shri. Kishor H. Mungale
President	Exe. President	Secretary

Ref. No.: MMPOLY/25-26/Gov. Body Date: - 30/12/2025

Notice for Governing Body Meeting

All the honourable members of the Governing Body Meeting of the Marathwada Mitra Mandal's Polytechnic, Thergaon, Pune 411033 are hereby requested to kindly make it convenient to attend the meeting scheduled as below:

Day and Date of Meeting : Monday, the 8th January, 2026
Time : 1.30 p.m.
Venue : VG- TAP Room M.M. Polytechnic Thergaon, Pune-33

Place : Pune 411033
Date : 30/12/2025

M.M. POLYTECHNIC PUNE 411033. THERGAON

Mrs. Geeta S. Joshi
Principal
M.M Mandal's Polytechnic , Pune 33

AGENDA

Subject No. 1 : To read and confirm the minutes of the previous Governing Body Meeting of dated 06/10/2025.
Subject No. 2 : Approval of Vision & Mission of new branches –
1) Electronics Engineering.
Subject No. 3 : To discuss and approve notes on various requirements.
Subject No. 4 : To discuss and approve the senior scale grade for the MSBTE / DTE-approved teaching staff
Subject No. 5 : To know about the status/progress of admission activities for the Academic Year 2026-27.
Subject No. 6 : To know the status/progress of construction work.
Subject No. 7 : To discuss about further process of 'Centre of Excellence' funding by Envalior India Pvt. Ltd., Pune under CSR activity.
Subject No. 8 : To know about the scholarship forms filling status of the Academic Year 2025-26.
Subject No. 9 : Any other points/subjects with the permission of the chairperson.

Place : Pune 411033
Date : 30/12/2025

M.M. POLYTECHNIC PUNE 411033. THERGAON

Mrs. Geeta S. Joshi
Principal
M.M Mandal's Polytechnic , Pune 33

To,
All the members of
College Governing Body Committee
Marathwada Mitra Mandal's Polytechnic,
Thergaon, Pune-411 033.

Copy for information & with kind request to make it convenient to attend the Kalewadi Campus Governing Body Meeting scheduled as above to:

1. **Hon. Executive President,**
   Marathwada Mitra Mandal,
   302/A, Deccan Gymkhana,
   Pune-411 004.
2. **Hon. Secretary,**
   Marathwada Mitra Mandal,
   302/A, Deccan Gymkhana,
   Pune-411 004.
3. **Hon. Treasurer,**
   Marathwada Mitra Mandal,
   302/A, Deccan Gymkhana,
   Pune-411 004.

Marathwada Mitra Mandal's Polytechnic
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Shri. Shivajirao D. Ganage	Prin. Bhausaheb G. Jadhav	Shri. Kishor H. Mungale
President	Exe. President	Secretary

Date: 09/01/2026

Minutes of the Governing body meeting held on 08/01/2026

A meeting of the Governing body of Marathwada Mitra Mandal's Polytechnic was held on 08th January-2026 at 01.30 p.m. in VG-TAP room of M. M. Polytechnic, Thergaon, Pune-33.

Minutes of the Meeting

Subject No. 1:

To read and confirm the minutes of the previous Governing Body Meeting dated 06/10/2025.

- The minutes of the previous Governing Body Meeting held on 06/10/2025 were read out. After due discussion, the members **confirmed the minutes unanimously**.
- **Resolution:**
  The minutes of the Governing Body Meeting dated 06/10/2025 are approved.

Subject No. 2:

Approval of Vision & Mission of new branch – Electronics Engineering.

- The Vision and Mission statements proposed for the newly introduced Electronics Engineering branch were presented before the Governing Body. Members discussed the relevance and alignment with institutional objectives.
- **Resolution:**
  The Vision & Mission of the Electronics Engineering branch are **approved unanimously**.

M. M. POLYTECHNIC PUNE 411033 THERGAON

Subject No. 3:

To discuss and approve notes on various requirements.

- The Principal presented notes regarding academic, administrative, infrastructure, and operational requirements of the institute. The Governing Body reviewed the same.
- **Resolution:**
  The notes on various requirements are **approved**, and the Principal is authorized to proceed further as per norms.

Subject No. 4:

To discuss and approve the senior scale grade for the MSBTE / DTE-approved teaching staff.

- The proposal to grant senior scale grades to eligible MSBTE/DTE-approved teaching staff was presented to the Governing Body. Eligibility criteria and applicable rules were discussed.
- **Resolution:**
  The Governing Body **approved the senior scale grade** for eligible teaching staff as per MSBTE / DTE norms.

Subject No. 5:

To know about the status/progress of admission activities for the Academic Year 2026-27.

- The Principal informed the members about the current status and progress of admission promotional activities for the Academic Year 2026-27.
- **Resolution:**
  The Governing Body **noted the admission status** and advised continuing efforts to improve enrolment.

Subject No. 6:

To know the status/progress of construction work.

- An update regarding ongoing construction work at the campus was presented by Civil Engineers, including timelines and stages of completion.
- **Resolution:**
  The Governing Body **noted the progress** of construction work and expressed satisfaction.

M. M. POLYTECHNIC PUNE 411033 THERGAON

Subject No. 7:

To discuss the further process of 'Centre of Excellence' funding by Envalior India Pvt. Ltd., Pune, under CSIR activity.

- The Principal briefed the members about the 'Centre of Excellence' funding proposal under CSIR activity supported by Envalior India Pvt. Ltd., Pune.
- **Resolution:**
  The Governing Body **approved the further process** and authorized the Principal to take necessary actions.

Subject No. 8:

To know about the scholarship form-filling status for the Academic Year 2025-26.

- The status of online scholarship form submission for eligible students was placed before the Governing Body.
- **Resolution:**
  The Governing Body **noted the scholarship status** and instructed to ensure timely completion and follow-up.

Subject No. 9:

Any other points/subjects with the permission of the Chairperson.

- No additional subject was raised.

Subject no. 10: - Vote of thanks

- Mrs. G. S. Joshi, Principal, proposed a vote of thanks.

M. M. POLYTECHNIC PUNE 411033 THERGAON

Mrs. G. S. Joshi
Member Secretary
PRINCIPAL
Marathwada Mitra Mandal's POLYTECHNIC
Thergaon, Pune - 411 033

Marathwada Mitra Mandal's Polytechnic
Sr. No. 4/17, Pimpri-Chinchwad, Pune– 411 033.
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Shri. Shivajirao D. Ganage	Prin. Bhausaheb G. Jadhav	Shri. Kishor H. Mungale
President	Exe. President	Secretary

GOVERNING BODY MEETING

Venue: VG-TAP Room, M.M. Polytechnic, Thergaon

Date:- 08-01-2026 Time: - 1.30pm

Sr. No.	Name	Designation in the Governing Body	Signature
1	Shri. S. D. Ganage	Chairman	
2	Prin. B. G. Jadhav	Member	
3	Shri. K. H. Mungale	Member	
4	Shri. A. S. Pawar	Member	
5	Shri. B. V. Deshmukh	Member	
6	Shri. S. S. Suryawanshi	Member	
7	Shri. T. P. Niwalikar	Invitee	
8	A.I.C.T.E. Nominee	A.I.C.T.E. Representative	
9	M.S.B.T.E. Nominee	M.S.B.T.E. Representative	
10	D.T.E. Nominee	D.T.E. Representative	
11	Mrs. G. S. Joshi	Member - Secretary	
12	Shri. P. M. Dumbre	Faculty Member	
13	Shri. B. S. Salunke	Faculty Member	
14	Shri. V. S. Solanke	Faculty Member	
15	Mr. P. R. Kapure	Non-Teaching Staff Member	

Schedule of Governing Body Meetings held during the last 5 years.

Sr. No.	Year	Date	Venue	Total Members Present
1	2025-26	08-01-2026	VG.TAP	**08**
2	2025-26	16-06-2025	VG.TAP	**08**
3	2024-25	15-10-2024	VG.TAP	**08**
4	2024-25	10-08-2024	VG.TAP	**09**
5	2023-24	20-03-2024	VG.TAP	**11**
6	2023-24	15-12-2023	VG.TAP	**11**
7	2023-24	21-08-2023	VG.TAP	**11**
8	2022-23	23-02-2023	VG.TAP	**08**
9	2022-23	08-08-2022	VG.TAP	**08**
10	2020-21	23-08-2021	VG.TAP	**08**
11	2020-21	23-02-2021	VG.TAP	**08**
12	2020-21	07-09-2020	VG.TAP	**08**

B. Action Taken Reports

Marathwada Mitra Mandal's Polytechnic
Sr. No. 4/17, Pimpri-Chinchwad, Pune– 411 033.
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Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

Shri. Shivajirao D. Ganage	Prin. Bhausaheb G. Jadhav	Shri. Kishor H. Mungale
President	Exe. President	Secretary

Date: 09/01/2026

Action taken against the meeting held on 08/01/2026

A meeting of the Governing body of Marathwada Mitra Mandal's Polytechnic was held on 08th January-2026 at 01.30 p.m. in VG-TAP room of M. M. Polytechnic, Thergaon, Pune-33.

Minutes of the Meeting and the Actions taken against the decision

Subject No. 1:

To read and confirm the minutes of the previous Governing Body Meeting dated 06/10/2025.

- The minutes of the previous Governing Body Meeting held on 06/10/2025 were read out. After due discussion, the members **confirmed the minutes unanimously**.
- **Resolution:**
  The minutes of the Governing Body Meeting dated 06/10/2025 are approved.
- **Action:-** --

Subject No. 2:

Approval of Vision & Mission of the new branch – Electronics Engineering.

- The Vision and Mission statements proposed for the newly introduced Electronics Engineering branch were presented before the Governing Body. Members discussed the relevance and alignment with institutional objectives.
- **Resolution:**
  The Vision & Mission of the Electronics Engineering branch are **approved unanimously**.
- **Action:-** The approved Vision and Mission statements of the Electronics Engineering branch are formally documented, published on the institution's website- www.mmpolytechnic.edu.in.

M. M. POLYTECHNIC PUNE 411033. THERGAON

Subject No. 3:

To discuss and approve notes on various requirements.

- The Principal presented notes regarding the academic, administrative, infrastructure, and operational requirements of the institute. The Governing Body reviewed the same.
- **Resolution:**
  The notes on various requirements are **approved**, and the Principal is authorised to proceed further as per norms.
- **Actions:-** The approved expenditure of ₹ 7,00,000 for glass partitions in two labs of the Centre of Excellence has been completed. The approved amount of ₹ 2,20,000 for the farewell program was utilized, and the event was successfully conducted department-wise in April 2026. In the same way, other works have been completed as per the sanctioned notes.

Subject No. 4:

To discuss and approve the senior scale grade for the MSBTE / DTE-approved teaching staff.

- The proposal to grant senior scale grades to eligible MSBTE/DTE-approved teaching staff was presented to the Governing Body. Eligibility criteria and applicable rules were discussed.
- **Resolution:**
  The Governing Body **approved the senior scale grade** for eligible teaching staff as per MSBTE / DTE norms.
- **Actions:-** The approved increments, along with differences, are given to the specified teaching staff from the month of January-2026.

Subject No. 5:

To know about the status/progress of admission activities for the Academic Year 2026-27.

- The Principal informed the members about the current status and progress of admission promotional activities for the Academic Year 2026-27.
- **Resolution:**
  The Governing Body **noted the admission status** and advised continuing efforts to improve enrolment.

- **Actions:-** Admission promotional activities are ongoing and have been intensified.
- Publicity materials have been distributed across key locations.
- Counseling sessions and direct interactions with students/parents are being conducted regularly.
- The admission cell is actively monitoring enquiries and maintaining follow-up communication.

- The Governing Body's advice is being implemented, and efforts are continuing to ensure improved enrolment for Academic Year 2026-27.

Subject No. 6:

To know the status/progress of construction work.

- An update regarding ongoing construction work at the campus was presented by Civil Engineers, including timelines and stages of completion.
- **Resolution:**
  The Governing Body **noted the progress** of construction work and expressed satisfaction.
- **Actions:-** The construction work at the campus is progressing as per the timelines presented. Civil Engineers are monitoring each stage of completion, and periodic updates are being submitted to the Governing Body. Necessary coordination with contractors and site supervisors is being maintained to ensure timely delivery and quality standards.

Subject No. 7:

To discuss the further process of 'Centre of Excellence' funding by Envalior India Pvt. Ltd., Pune, under CSIR activity.

- The Principal briefed the members about the 'Centre of Excellence' funding proposal under CSIR activity supported by Envalior India Pvt. Ltd., Pune.
- **Resolution:**
  The Governing Body **approved the further process** and authorized the Principal to take necessary actions.
- **Actions:-** The Principal has initiated the further process for funding of the Centre of Excellence under CSIR activity with Envalior India Pvt. Ltd., Pune. Necessary documentation and communication with the company are underway, and proposals are being aligned with institutional norms. Follow-up meetings and compliance requirements are being coordinated to ensure smooth progress of the funding process.

Subject No. 8:

To know about the scholarship form-filling status for the Academic Year 2025-26.

- The status of online scholarship form submission for eligible students was placed before the Governing Body.
- **Resolution:**
  The Governing Body **noted the scholarship status** and instructed to ensure timely completion and follow-up.

- **Actions:-** The scholarship cell facilitated online form-filling for all eligible students for Academic Year 2025-26. Assistance was provided to students facing technical issues, and pending cases were followed up until completion before deadlines.

Subject No. 9:

Any other points/subjects with the permission of the Chairperson.

- No additional subject was raised.

Subject no. 10: - Vote of thanks

- Mrs. G. S. Joshi, Principal, proposed a vote of thanks.

Mrs. G. S. Joshi
Member Secretary

C. The published Service rules, policies and procedures with year of publication (01):

Marathwada Mitra Mandal, Pune, implemented service rules since the establishment of the Polytechnic, i.e. in the year 2008. The rules of conduct, discipline and service conditions for the employees of Marathwada Mitra Mandal's Polytechnic have been reaffirmed by the management. A copy of the rules of the document is made available in the office as well as to the heads of various departments. The staff members are permitted to refer to the service conditions.

The staff is recruited by following the appropriate procedure. Annually, in the month of May, advertisements for the various vacancies are published in the local newspaper and the institute website as per requirement.

The eligible candidates are invited for an interview and demo lecture. The Shortlisted candidates are called for a final interview with management. Candidates selected by Management are informed to join by completing the official formalities. The Ad-hoc staff members are continued in service based on their satisfactory performance in the preceding year.

Within the framework of the working of the Polytechnic college and Staff promotion scheme, the regular faculty members with adequate qualifications, experience, and good performance appraisals are promoted to the next higher levels. This is done by following AICTE and the State Government norms applicable to the regular staff members from time to time.

Staff Rules and Regulations

Policies for vacations & leaves for M. M. Polytechnic with effect from 01/01/2025

I. **Policy for Vacation**: The vacation is against the academic load engaged during academic semester and is to be used for preparations, development of labs, MSBTE duties (supervision, RAC etc.). All records of vacation are to be kept with college office.

a) **Teaching & Non-teaching staff—**
- Eligibility - Minimum Service — 2+ years continue at institute.
- 60 days per year (20 days in winter + 40 days in summer)
- Diwali vacation will be declared by central office and it will be counted as part of this 60 days' vacation

b) **Administrative / office staff, Librarian —**
- Eligibility -Minimum Service — 2+ years continue at Institute.
- 30 days per year as earned leave (EL) (10 days in winter + 20 days in summer)
- Diwali vacation will be declared by central office and it will be counted as part of this 30 days' EL.

II. Policy for Leaves: Casual leave (CL), compensatory off (CO), on duty leave (OD), earned leave (EL), Medical Leave (ML), Maternity Leave, Special Leave (SL) etc.

Casual leave (CL) -

- Eligibility — All employees on muster.
- 12 days per calendar year, to be availed 1 per month with prior permission of HOD, sanction by principal.
- CL will be availed after one month of joining.

- Maximum of one CL of next month can be taken in current month (for e.g. in January one can take 2 CL (one for January & one for February), but in that case 2 CL will be deducted from total remaining CL).
- CL can be sandwiched with Sunday or with holiday i.e. one can take pre & post CL to Sunday / holiday. In that case, Sunday / holiday will not be calculated as CL. But in this sandwiched case, maximum two pre & post CL (if available as per clause mentioned above) can be taken; otherwise; sandwiched Sunday / holiday will be calculated as CL / LWP) i.e. if one has taken more than two pre & (or) post sandwiched CL; then Sunday / holiday will be calculated as CL / LWP.
- Half day CL is permitted.
- Accumulated CL can be availed for more than one day.
- Remaining CL will not be carry forwarded to next year.
- All records of casual leave are to be kept with college office.

Compensatory off (CO)-

- Eligibility - To be given for non-remunerative work done beyond college working hours & during holidays.
- One compensatory off (CO) will be availed, if minimum four-hour work is done on Sunday / holiday.
- If all staff are working on Sunday / holiday, then CO will not be given for that day.
- If worked for less than 4 hours, then these working hours will not be counted for calculation of the CO. Half CO may be given in that case.
- All records of compensatory off (CO) are to be kept with college office.

Earned leave (EL)-

- Eligibility - Permanent staff or minimum service - 3+ years continuous service at institute.
- One EL for every 2 days of detention during summer / winter vacation.
- For detention purpose head of institute should release specific office order.
- To be availed with prior permission by HOD, sanction by Principal.
- Cumulative in nature. (max. 300)

- All records of earned leave (EL) are to be kept with college office.

Medical Leave (ML) —

- Eligibility - Minimum service - 2+ years continuous service at institute.
- Ten ML will be availed per year.
- Cumulative in nature. (max. 180).
- To be availed with permission from Principal.
- It should be minimum of 3 days at a time.
- A supporting medical certificate by a doctor (having min. MBBS degree) & fitness certificate on joining is needed.

Maternity Leave —

- Eligibility - Minimum Service - Permanent staff.
- 90 days of leave with full pay.
- Rejoining permitted only at the start of the next academic session.
- Additional leave if needed can be consumed from EL (maximum up to 15 days) then after LWP will be considered.

Special Leave (SL) —

- Eligibility - Minimum Service - 06 months' continuous service at institute.
- Full pay leave will be granted in the following events / situations –
  - i) Marriage of the employee (Self). – 05 days.
  - ii) Death of a blood relatives: – 05 days. Leave will be granted for the passing of immediate family members, including mother, father, brother, sister, son, daughter, spouse (Wife/Husband).
  - iii) Examination of higher studies / improving educational qualification - Leaves for actual days of examination as per official time table, will be granted.
  - iv) Paternity leave: - 03 days.
- Employees must submit a written application to the Principal to obtain permission for Special Leave.

	MARATHWADA MITRA MANDAL'S POLYTECHNIC, PIMPRI CHINCHWAD, PUNE-33	
	ACADEMIC YEAR: 2024-25	
	Doc. No.: Policy Doc-13	Rev. No.: 01
"सेवे महन्मसे हित"	Page:4 out of 4	Rev. Dt: 09/10/2024
	Policy Document - 2024 – 2025 – Leave Policy	

- Additional leave if needed, will be sanctioned as LWP.

Note: -

Office Superintendent	IQAC Coordinator	Principal	The Executive President
Prepared By	Reviewed By	Recommended By	Approved By

Marathwada Mitra Mandal's Polytechnic

Sr. No. 4/17, Pimpri-Chinchwad, Pune- 411 033.

Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics | AIML | Automation & Robotics | Electronics Engineering

Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

Shri. Shivajirao D. Ganage	Prin. Bhausaheb G. Jadhav	Shri. Kishor H. Mungale
President	Exe. President	Secretary

Date: - 20/02/2026

NOTICE

All staff members and students are hereby informed that construction work is currently in progress on the college premises. Due to this, dust is spread in various areas. Therefore, everyone is advised to wear a mask at all times.

Additionally, all are requested to carry a drinking water bottle, as it may be useful in case of an emergency shortage of drinking water.

For your safety, please do not wander near the construction site, as it may pose a risk of harm.

Safety Measures to be Followed:

- Always wear a mask to protect yourself from dust.
- Carry a personal water bottle to avoid dehydration.
- Avoid entering or loitering near the construction area.
- Walk carefully, as uneven surfaces or construction materials may cause slips or falls.
- Follow the instructions given by security staff or college authorities.
- Report any unsafe condition immediately to the administration.
- Keep emergency contact numbers handy.

Your cooperation is essential to ensure safety and smooth functioning during the construction period.

M. M. POLYTECHNIC PUNE 411033 THERGAON

PRINCIPAL
Marathwada Mitra Mandal's
POLYTECHNIC
Thergaon, Pune - 411 033

Class	Teacher Name	Sign
FYAE2K	Dangat A.M.	
FYEE(E2)	Salunke B.J	
TYMK(MK2)	Shelke G.D.	
AN4K Batch 1, 2	S.M. Patil	
AN4K (AN3)	S.R. Shastry	
CO2K(B)	Ghuge P.A.	
AE6K	Shinde S.S.	
Ex-2K	S.B. Khese	23/2/2026
CO-6K-A	S.J. Patil	23/2/26
CO4K-A	Salunke N.K	23/2-26
AN2K	Dangat A.M.	23/2/26
CO6K-B	Dhalpe S B	23/2/26
FYEE E1	Pradnya Patil	23/2/26
FYAO AO2	Lahu N.C	23/2/26
SYEE-E2	Nimbalkar D.K.	23/02/26
SYCO-C4	Deshmukh A P	23/02/26
SYCO C6	Jagtap E.A	23/02/26
syco C5	Halawade V.V	23/2/26
SYME	A.G. Dandge	23/2/26
SYMK	Rupali Rathod	23/2/26
TYEE	Jadhav J.K.	
FYCOA	Dahale A A	23/2/26
TYME(M1)	Tikle A.A	23/2/26
FYAO1		23/2/26
FYME2K		
SYAO		23/2/26

Rules, Policies, Procedures for students regarding:

1. DISCIPLINE:

   a. Creating a nuisance on the campus is liable for disciplinary action.
   b. The students must keep their mobile phones switched off during lecture hours and lab sessions. Violation of this rule will lead to confiscation of the mobile by the concerned teacher.
   c. Ragging is strictly prohibited in the campus (Maharashtra Prohibition of Ragging Act 1999)
   d. Students should take care of their belongings. The college authority will not be responsible for any loss or theft.
   e. Smoking or chewing gum, ghutka, or Pan in the premises is strictly prohibited.

2. ATTENDANCE

   a. The college expects 100% attendance for the theory and practical sessions. Some relaxation is possible to the extent of 25% on a valid reason and prior permission of the class teacher.
   b. In no case should the attendance be less than 75% separately for theory and practicals; otherwise, he/she may be detained from appearing for board exams.

3. UNIFORM

   a. Wearing of the I-Card is compulsory every day.
   b. Wearing of uniform every day except Wednesday is compulsory. The student must also wear a uniform during examinations and various committee visits.
   c. While representing our college during various events, students must wear the college uniform.

d. The college uniform should be clean and ironed properly.

4. CARE OF COLLEGE PROPERTY:

a. Students should treat Institute property with care.
b. Students are forbidden to write or scribble on the wall and furniture, dirty the classrooms or damage any material.
c. Parents/guardians will have to compensate for wilful damage done to college property.

5. LEAVE

a. Students should take prior permission for leave from their respective class teacher before proceeding on leave.
b. In case of an emergency, parents can contact the respective class teacher at the given phone number.
c. If the student takes sick leave for more than 3 days, he/she must produce a medical certificate.
d. No student suffering from any contagious or infectious disease shall be permitted to attend classes.

6. LIBRARY Rules:

a. Silence should be observed in the library at all times.
b. Students should not bring any book of their own into the library except their notebooks and a pen or pencil.
c. Books should be returned on or before the due date indicated on them without fail. Delay in doing so will result in a fine of Re 1/- per day per book.
d. The librarian has the right to recall a book from students or staff at any time, even before the due date indicated on the book.
e. Books can be renewed for a period of one week, provided the book is not in great demand.
f. Before leaving the library, books to be borrowed must be carefully examined by the student. He/ She should report any damage to the book to the librarian immediately. A fine will be levied if the book is lost; it must be replaced at once or duly compensated for.
g. No book, magazine or newspaper shall be taken out of the library without the permission of the librarian.

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Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

Shri. Shivajirao D. Ganage	Prin. Bhausaheb G. Jadhav	Shri. Kishor H. Mungale
President	Exe. President	Secretary

Date: - 29-11-2025

NOTICE

All the students of FY, SY & TY are hereby informed that, the academics of next semester will start from 15-12-2025. The attendance is compulsory & wearing of uniform along with college I-Card is compulsory from first day.

All the students must ensure that outstanding fees (if any) are paid in full before attending classes.

M. M. POLYTECHNIC PUNE 411033. THERGAON

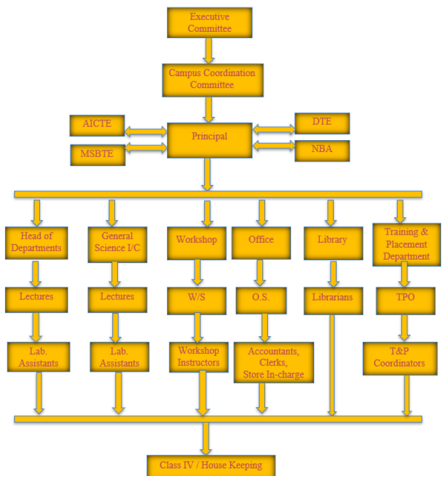
PRINCIPAL
Marathwada Mitra Mandal's POLYTECHNIC
Thergaon, Pune - 411 033.

D. Extent of awareness among the employees/students (01)-

The college ensures adequate awareness among faculty, staff, and students regarding the institution's Vision and Mission, Outcome-Based Education (OBE), Program Outcomes (POs), Course Outcomes (COs), academic regulations, and NBA accreditation processes through orientation programs, meetings, workshops, notices, displays, and regular interactions. All stakeholders are actively informed and encouraged to participate in continuous quality improvement activities as per NBA guidelines.

9.1.3 Decentralization in working and grievance redressal mechanism (5) Institute Marks 5.00

9.1.3 Decentralisation in Working and Grievance Redressal Mechanism (05)



Principal: Academic and Administrative Head of the Institution.

- Provide effective leadership to the College.
- Interaction with Management, AICTE, DTE, MSBTE, Industries, Parents, Students, Alumni and other stakeholders.
- Implement policies of management, action taken as per directives of the Governing Body and Campus Coordination Committee.
- Present Institute reports before the Institute Monitoring Committee of MSBTE.
- Direct staff on all college chores.
  - Approve the academic calendar, hold faculty meetings, monitor admissions, and academic and exam-related work. Monitor faculty performance.
- Evolve future plan and prepare for progress, development and sustainability of the Institute.
  - Monitors smooth conduct of Quality Management System

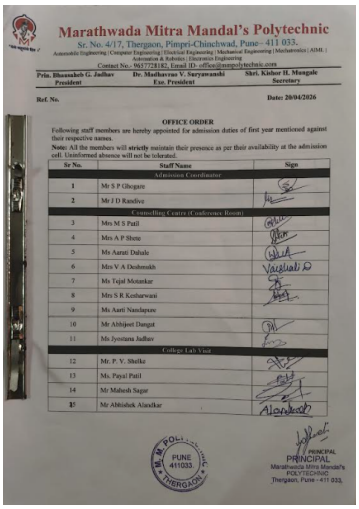
Head of the Department / In-charge.

- The Head of the Department is the key person for the smooth functioning of the department as per the academic calendar.
- The staff of the concerned department has to report to the Head from time to time.
- HOD guides and directs the department staff members.
- HOD runs the co-curricular and extracurricular activities of the students of the departments.

- HOD monitors the Industry interaction for Guest lectures, Internship and Projects.
- Reports to the Principal regarding all the requirements of the department, such as Faculty Member, supporting staff, equipment, books & journals, maintenance, etc.
- Represents the department and will report to the Principal all the requirements/shortcomings for the development and proper functioning of the Department, during weekly/fortnightly meetings.

- Responsible for innovative programs, including collaboration with other institutions and different industries.
- More committees formed as and when required.

1. **Admission Cell: First Year and Direct Second Year**



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Prin. Bhanuhaeh G. Jadhav	Dr. Madhavrao V. Suryawanshi	Shri. Kishor H. Mangale
President	Exc. President	Secretary

Ref. No. Date: 20/04/2026

OFFICE ORDER

Following staff members are hereby appointed for admission duties of first year mentioned against their respective names.

Note: All the members will **strictly** maintain their presence as per their availability at the admission cell. Uninformed absence will not be tolerated.

Sr No.	Staff Name	Sign
	Admission Coordinator	
1	Mr S P Ghogare	
2	Mr J D Randive	
	Counselling Centre (Conference Room)	
3	Mrs M S Patil	
4	Mrs A P Shete	
5	Ms Aarati Dahale	
6	Mrs V A Deshmukh	
7	Ms Tejal Motankar	
8	Mrs S R Kesharwani	
9	Ms Aarti Nandapure	
10	Mr Abhijeet Dangat	
11	Ms Jyotsna Jadhav	
	College Lab Visit	
12	Mr. P. V. Shelke	
13	Ms. Payal Patil	
14	Mr Mahesh Sagar	
15	Mr Abhishek Alsadkar	

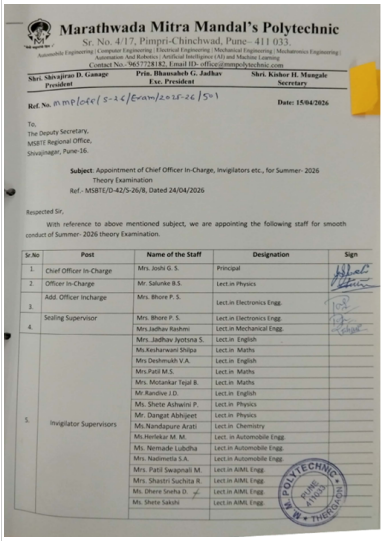
PUNE 411033 M.M. POLYTECHNIC THERGAON

PRINCIPAL
Marathwada Mitra Mandal's POLYTECHNIC Thergaon, Pune - 411 033.

2. **Functions of the Admission Cell are:**

- Counselling at various Schools for SSC appearing students.
- Arranging School students visit to college facilities.
- Guidance about the Centralised Admission Process of the State Government.
- List of essential documents to be kept ready for the admission application registration.
- Facilitation Centre for the issue of Login kits with the admission brochure.
- Assistance for submitting online admission forms to the students.
- Assist students in uploading Institute and Course Options during CAP Rounds.
- Guidance to Students/Parents about Course details and prospects.
- Counselling the admission allotted students for document submission and payment of fees.
- Orient the students for Academic and Co-curricular activities.
- Upload the admitted student's data on DTE / MSBTE Portals.
- Keep Documentation ready for Merit List verification.
- Complete the Document Verification and Merit List Approval as per the DTE RO-notified schedule.

3. **Examination Committee (For Summer-2026)**



Marathwada Mitra Mandal's Polytechnic

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Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics Engineering | Automation And Robotics | Artificial Intelligence (AI) and Machine Learning

Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

Shri. Shivajirao D. Ganage	Prin. Bhanuhaeh G. Jadhav	Shri. Kishor H. Mangale
President	Exc. President	Secretary

Ref. No. mmp/ote/s-26/Exam/2025-26/501 Date: 15/04/2026

To,
The Deputy Secretary,
MSBTE Regional Office,
Shivajinagar, Pune-16.

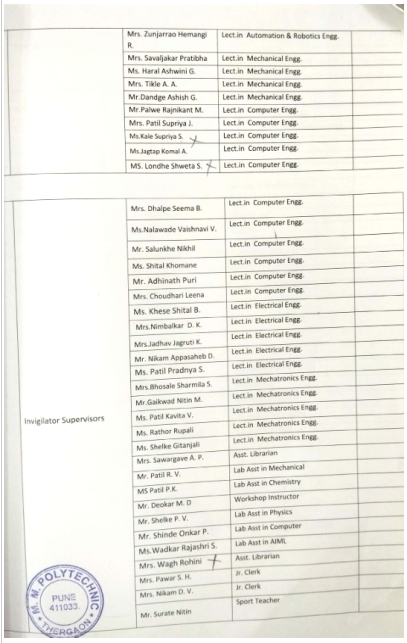
Subject: Appointment of Chief Officer In-Charge, Invigilators etc., for Summer- 2026 Theory Examination
Ref.- MSBTE/D-42/S-26/8, Dated 24/04/2026

Respected Sir,

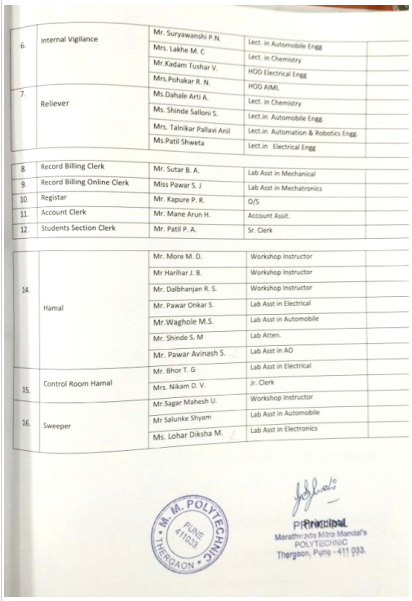
With reference to above mentioned subject, we are appointing the following staff for smooth conduct of Summer- 2026 theory Examination.

Sr.No	Post	Name of the Staff	Designation	Sign
1.	Chief Officer In-Charge	Mrs. Joshi G. S.	Principal	
2.	Officer In-Charge	Mr. Salunke B.S.	Lect.in Physics	
3.	Add. Officer Incharge	Mrs. Bhore P. S.	Lect.in Electronics Engg.	
4.	Sealing Supervisor	Mrs. Bhore P. S.	Lect.in Electronics Engg.	
		Mrs.Jadhav Rashmi	Lect.in Mechanical Engg.	
5.	Invigilator Supervisors	Mrs. Jadhav Jyotsna S.	Lect.in English	
		Ms.Kesharwani Shilpa	Lect.in Maths	
		Mrs Deshmukh V.A.	Lect.in English	
		Mrs.Patil M.S.	Lect.in Maths	
		Mrs. Motankar Tejal B.	Lect.in Maths	
		Mr. Randive J.D.	Lect.in English	
		Ms. Shete Ashwini P.	Lect.in Physics	
		Mr. Dangat Abhijeet	Lect.in Physics	
		Ms. Nandapure Arati	Lect.in Chemistry	
		Ms. Herlekar M. M.	Lect. in Automobile Engg.	
		Ms. Nemade Lubdha	Lect.in Automobile Engg.	
		Mrs. Nadimetla S.A.	Lect.in Automobile Engg.	
		Mrs. Patil Swapnali M.	Lect.in AIML Engg.	
		Mrs. Shastri Suchita R.	Lect.in AIML Engg.	
		Ms. Dhere Sneha D.	Lect.in AIML Engg.	
		Ms. Shete Sakshi	Lect.in AIML Engg.	

M.M. POLYTECHNIC PUNE 411033 THERGAON



	Mrs. Zunjarrao Hemangi R.	Lect.in Automation & Robotics Engg.	
	Mrs. Savaljakar Pratibha	Lect.in Mechanical Engg.	
	Ms. Haral Ashwini G.	Lect.in Mechanical Engg.	
	Mrs. Tikle A. A.	Lect.in Mechanical Engg.	
	Mr.Dandge Ashish G.	Lect.in Mechanical Engg.	
	Mr.Palwe Rajnikant M.	Lect.in Computer Engg.	
	Mrs. Patil Supriya J.	Lect.in Computer Engg.	
	Ms.Kale Supriya S.	Lect.in Computer Engg.	
	Ms.Jagtap Komal A.	Lect.in Computer Engg.	
	MS. Londhe Shweta S.	Lect.in Computer Engg.	
Invigilator Supervisors	Mrs. Dhalpe Seema B.	Lect.in Computer Engg.	
	Ms.Nalawade Vaishnavi V.	Lect.in Computer Engg.	
	Mr. Salunkhe Nikhil	Lect.in Computer Engg.	
	Ms. Shital Khomane	Lect.in Computer Engg.	
	Mr. Adhinath Puri	Lect.in Computer Engg.	
	Mrs. Choudhari Leena	Lect.in Computer Engg.	
	Ms. Khese Shital B.	Lect.in Electrical Engg.	
	Mrs.Nimbalkar D. K.	Lect.in Electrical Engg.	
	Mrs.Jadhav Jagruti K.	Lect.in Electrical Engg.	
	Mr. Nikam Appasaheb D.	Lect.in Electrical Engg.	
	Ms. Patil Pradnya S.	Lect.in Electrical Engg.	
	Mrs.Bhosale Sharmila S.	Lect.in Mechatronics Engg.	
	Mr.Gaikwad Nitin M.	Lect.in Mechatronics Engg.	
	Ms. Patil Kavita V.	Lect.in Mechatronics Engg.	
	Ms. Rathor Rupali	Lect.in Mechatronics Engg.	
	Ms. Shelke Gitanjali	Lect.in Mechatronics Engg.	
	Mrs. Sawargave A. P.	Asst. Librarian	
	Mr. Patil R. V.	Lab Asst in Mechanical	
	MS Patil P.K.	Lab Asst in Chemistry	
	Mr. Deokar M. D	Workshop Instructor	
	Mr. Shelke P. V.	Lab Asst in Physics	
	Mr. Shinde Onkar P.	Lab Asst in Computer	
	Ms.Wadkar Rajashri S.	Lab Asst in AIML	
	Mrs. Wagh Rohini	Asst. Librarian	
	Mrs. Pawar S. H.	Jr. Clerk	
	Mrs. Nikam D. V.	Jr. Clerk	
	Mr. Surate Nitin	Sport Teacher	



6.	Internal Vigilance	Mr. Suryawanshi P.N.	Lect. in Automobile Engg	
		Mrs. Lakhe M. C	Lect. in Chemistry	
		Mr.Kadam Tushar V.	HOD Electrical Engg	
7.	Reliever	Mrs.Pohakar R. N.	HOD AIML	
		Ms.Dahale Arti A.	Lect. in Chemistry	
		Ms. Shinde Salloni S.	Lect.in Automobile Engg.	
		Mrs. Talnikar Pallavi Anil	Lect.in Automation & Robotics Engg.	
		Ms.Patil Shweta	Lect.in Electrical Engg	
8.	Record Billing Clerk	Mr. Sutar B. A.	Lab Asst in Mechanical	
9.	Record Billing Online Clerk	Miss Pawar S. J	Lab Asst in Mechatronics	
10.	Registar	Mr. Kapure P. R.	O/S	
11.	Account Clerk	Mr. Mane Arun H.	Account Asstt.	
12.	Students Section Clerk	Mr. Patil P. A.	Sr. Clerk	
14.	Hamal	Mr. More M. D.	Workshop Instructor	
		Mr Harihar J. B.	Workshop Instructor	
		Mr. Dalbhanjan R. S.	Workshop Instructor	
		Mr. Pawar Onkar S.	Lab Asst in Electrical	
		Mr.Waghole M.S.	Lab Asst in Automobile	
		Mr. Shinde S. M	Lab Atten.	
		Mr. Pawar Avinash S.	Lab Asst in AO	
15.	Control Room Hamal	Mr. Bhor T. G	Lab Asst in Electrical	
		Mrs. Nikam D. V.	Jr. Clerk	
16.	Sweeper	Mr.Sagar Mahesh U.	Workshop Instructor	
		Mr Salunke Shyam	Lab Asst in Automobile	
		Ms. Lohar Diksha M.	Lab Asst in Electronics	

Principal
Marathwada Mitra Mandal's
POLYTECHNIC
Thergaon, Pune - 411 033.

The functions of the examination committee include-

- Examination-related guidelines are forwarded to concerned staff and students from time to time.
- Maintain details of Learning Disability (LD) students for awarding applicable concessions as per MSBTE norms.
- Record Keeping and Safety of Exam Stationery and other related Inventory.
- All necessary arrangements for the smooth conduction of the examination.
- Examination to be held in a disciplined and proper manner.

4. **Gathering Committee - 2025-26**

Marathwada Mitra Mandal's Polytechnic

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Shri. Shivajirao D. Ganage President | **Prin. Bhausaheb G. Jadhav** Exe. President | **Shri. Kishor H. Mungale** Secretary

OFFICE ORDER

Date – 02/12/25

Annual Gathering – मनिवम् 2025-26

Following staff members are hereby appointed as members of the committee mentioned against their name. These staff members would carry out all the responsibilities of concerned committee.

Sr. No.	Name of Committee	Co-ordinators	Members	Sign
1	Discipline Committee	Dr.Jadhav Prasad A.	Mr. Ghogare Sandeep P.	
			Mr. Dumbre P. M.	
			Mr.Solanke Vikas S.	
			Mr.Gundla Rahul .J.	
			Mrs.Patil Pratima S.	
			Mrs.Pohakar Rupali N.	
			Mr.Kadam Tushar V.	
			Mr.Palwe Rajnikant M.	
			Mr. Kapure P.R.	
			Mr. Mohite S.S.	
			Mr. Surate Nitin	
			Mr.Harihar J.B.	
			Mr. Jadhav Rahul P.	
			Mr. Kshirsagar Pramodkumar	
			Mr. Bhosale Satish M.	
2	Refreshment Committee	Ms. Kale S.S.	Mr. Nikam Appasaheb D.	
			Ms. Dahale A.A.	
			Mrs. Jadhav Jyotsna S.	
			Ms. Khese Shital B.	
			Mr.Sutar B.A.	
			Ms.Pawar S.J.	
			Mr.More D.M.	
			Mr.Bhor T.G.	

M. M. POLYTECHNIC PUNE 411033. THERGAON

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Shri. Shivajirao D. Ganage President | Prin. Bhausaheb G. Jadhav Exe. President | Shri. Kishor H. Mungale Secretary

			Mr.Bhande P.A.	
			Mr.Salunke S.D.	
			Mr.Shelke P.V.	
			Mr.Patil P.A.	
			Mr.Shinde S.M.	
			Mr.Alandkar Abhishek P.	
3	Gathering Core Committee	Ms.Deshmukh Arati P.	Mrs. Talnikar Pallavi Anil	
			Mrs.Jadhav Rashmi R.	
			Mrs. Patil Swapnali M.	
			Mrs. Herlekar M.M.	
			Ms.Dahale A.A.	
			Ms.Shinde Salloni S.	
			Mrs. Bhore Pooja S.	
			Ms.Ghuge Pooja A.	
			Mr. Alandkar A.P.	
			Ms. Patil Shweta	
			Mrs.Nimbalkar D. K.	
			Mrs. Savaljakar Pratibha	
			Mrs.Bhosale Sharmila S.	
			Ms. Rathor Rupali	
			Mrs.Jadhav Jagruti K.	
			Ms. Shete A.P.	
			Mrs. Motankar T.B.	
			Mrs. Patil Supriya J.	
			Mr.Dalbhanjan R.S.	
			Mrs.Pawar S.H.	
			Mrs.Nikam D.V.	
			Ms.Kadam V.R.	
			Mr. Deokar M.D.	
			Mr. Patil R.V.	
			Mr. Bhor T.G.	

M. M. POLYTECHNIC PUNE 411033. THERGAON

Marathwada Mitra Mandal's Polytechnic
Sr. No. 4/17, Pimpri-Chinchwad, Pune– 411 033.
Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics | AIML | Automation & Robotics | Electronics Engineering
Contact No.- 9657728182, Email ID- office@mmpolytechnic.com
Shri. Shivajirao D. Ganage President | Prin. Bhausaheb G. Jadhav Exe. President | Shri. Kishor H. Mungale Secretary

			Mrs. Deshmukh V.A.	
			Ms.Nalawade Vaishnavi V.	
			Ms. Khomane Shital	
			Ms. Haral Ashwini G.	
			Ms. Nemade Lubdha	
			Ms.Nandapure Arati	
4	Days Celebration	Mrs. Nadimetla Sneha A.	Ms.Patil P.K.	
			Mrs. Wagh Rohini	
			Mr. Nikam Appasaheb D.	
			Patil P.A.	
			Sutar B.A.	
			Mayur Waghole	
			Onkar Pawar	
			Ms. Kesharwani S.R.	
			Mrs.Deshmukh Vaishali A.	
			Mrs. Dhalpe Seema B.	
			Mrs. Shastri Suchita R.	
5	Prizes Distribution	Mrs.Patil Mohini S.	Mrs. Tikle Anuprita A.	
			Ms.Kadam V.R.	
			Mrs. Patil Kavita V.	
			Ms. Shelke G.D.	
			Ms.Pawar S.J.	
			Mrs.Pawar S.H.	
			Mrs. Sawargave A.P.	
			Mrs.Nikam D.V.	
			Mr. Shinde S.M.	
			Mr.Dumbre P.M.	
			Mrs. Lakhe M.C.	
			Mr. Adhinath Puri	
6	Seating Arrangment & Monitoring during Event	Mr. Salunke B.S.	Ms. Pradnya Patil	
			Mr. Mhalankar G.S.	
			Mr.Sutar B.A.	

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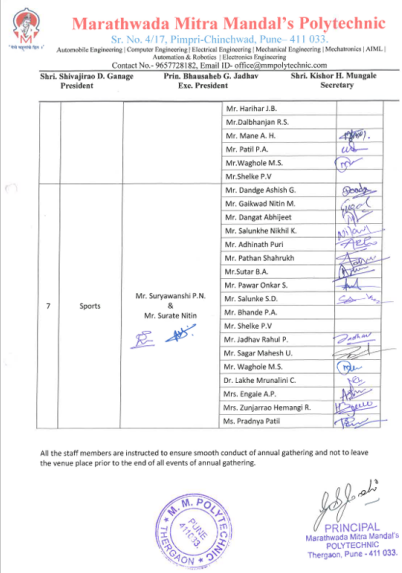

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			Mr. Harihar J.B.	
			Mr.Dalbhanjan R.S.	
			Mr. Mane A. H.	
			Mr. Patil P.A.	
			Mr.Waghole M.S.	
			Mr.Shelke P.V	
7	Sports	Mr. Suryawanshi P.N. & Mr. Surate Nitin	Mr. Dandge Ashish G.	
			Mr. Gaikwad Nitin M.	
			Mr. Dangat Abhijeet	
			Mr. Salunkhe Nikhil K.	
			Mr. Adhinath Puri	
			Mr. Pathan Shahrukh	
			Mr.Sutar B.A.	
			Mr. Pawar Onkar S.	
			Mr. Salunke S.D.	
			Mr. Bhande P.A.	
			Mr. Shelke P.V	
			Mr. Jadhav Rahul P.	
			Mr. Sagar Mahesh U.	
			Mr. Waghole M.S.	
			Dr. Lakhe Mrunalini C.	
			Mrs. Engale A.P.	
			Mrs. Zunjarrao Hemangi R.	
			Ms. Pradnya Patil	

All the staff members are instructed to ensure smooth conduct of annual gathering and not to leave the venue place prior to the end of all events of annual gathering.

M. M. POLYTECHNIC PUNE 411033 THERGAON

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This Committee organizes cultural and sports events as per the academic calendar.

- The committee estimates and gets a note sanctioned for the expenditure of the cultural event.
- Makes all required notices for staff and students.
- Make all required arrangements for the event.
- Conducts the event along with all staff and the Principal.
- The activities include singing, dancing, Mehendi competition, fun fair, Elocution, Rangoli, Traditional day, etc.
- The sports event includes cricket, volleyball, Kabaddi, Chess, Carrom, Table-tennis, etc.

5. **Training and Placement Cell (2025-26)**

Sr. No	Name of Staff	Designation
1	Mrs. G. S. Joshi	Principal
2	Mr. G. S. Mhalankar	TPO
3	Mrs. M. M. Herlekar	T&P Coordinator - Automobile Department
4	Mr. N. K. Salunkhe	T&P Coordinator - Computer Department
5	Mrs. D. K. Nimbalkar	T&P Coordinator - Electrical Department
6	Mrs. P. R. Savalajkar	T&P Coordinator - Mechanical Department
7	Ms. G. D. Shelke	T&P Coordinator - Mechatronics Department

- Interaction with potential recruiters
- Organizing Industry Institute Meet
- Placement Presentation at various Companies
- Organizing resume Writing/GD/Interviews skills development sessions
- Developing and maintaining student record
- Allocation of companies to student groups
- Coordinating all the activities related to Placement
- Monitoring the progress of Placement activities at regular intervals

Teachers & supporting staff are assigned various responsibilities, such as Class Teachers, Mentors, Co-curricular coordinators, and Academic Lab Assistants, each with a specific list of duties. The list of duties is prepared in accordance with the guidelines. Additional committees are prepared as and when required

The following four committees are formed for the Redressal of Grievances-

1. **Anti-Ragging Committee**
2. **Women Grievance Redressal Committee**
3. **Student Grievance Redressal Cell**
4. **SC/ST (Prevention of Atrocities) Committee**
5. **ICIQAC Committee**
6. **Internal Complaint Committee (ICC)**

1. **Anti-Ragging Committee (2025-26)**

According to the provisions of the All India Council of Technical Education Advt. No. AR/05(04)/2012 (Public Notice), & Notification dt.1.7.2009, the Principal framed the Anti-Ragging Committee in the College for each academic year.

The Committee includes the Principal as Chairperson and 11 Members.

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Ref. No. mmp/off/comm/2025-26(3) Date: 20/08/2025

Office Order
For
ANTI-RAGGING COMMITTEE

As per the circular of AICTE, the following members are appointed as members of Anti-Ragging Committee for the academic year 2025-26.

Sr. No.	Name of Faculty	Designation	Post	Contact No.	Signature
1	Mrs. Joshi G S.	Principal	Chairperson	7030198980	
2	Mr. Sutar S N.	Police Constable	Police Administration	8888813188	
3	Ms. Ghare Dhanashree	Psychologist	NGO	9881038380	
4	Mr. Kamble Varsha	News Reporter (Padhari)	Local Media	9767623887	
5	Mrs. Dhalpe S B.	Lecturer	Member Secretary	8208623516	
6	Mrs. Patil M S.	Lecturer	Faculty Member	8975002702	
7	Mr. Deokar M. D.	Instructor	Faculty Member (Non-Teaching)	9850545812	
8	Mr. Patil R. V.	Lab. Assistant	Faculty Member (Non-Teaching)	7385190156	
9	Mrs. Bharmal P S.	Parent	Parent Representative	7387518414	
10	Mr. Kolhe C D. (TY MK)	Student	Student Representative	8390912332	
11	Mr. Bharmal S S. (SY MECH)	Student	Student Representative	7387518414	
12	Ms. Jayebhaye P. S. (SY EE)	Student	Student Representative	9158643544	

M.M. POLYTECHNIC PUNE 411033. THERGAON

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Activities undertaken (Every year)

- Formation of the committee by the Principal
- Planning of meetings at the beginning of the Semester
- Display of Ragging prohibition notices on all department notice boards
- Selection of the Staff representatives from each department to take rounds for the prohibition of ragging.
- Regular meetings to resolve the problems, if any.

2. Women Grievance Redressal Committee (2025-26)

As per the Circular of the Director of Technical Education, M.S., Mumbai, No. 16/Est/Misc/2012/Sha/2193 dt. 26th July 2012, the Women's Grievance Committee started functioning in the College for each academic year. This Cell helps women faculty and female students to record their complaints and solve their problems related to resources and personal grievances. Women's harassment complaints will be handled as per government norms.

Women's Grievance Redressal Committee functions with a view to looking after the general well-being of the womenfolk on the campus. It organizes different women's empowerment programs. All women staff and female students are members of the cell. Any type of sexual harassment, physical, verbal or mental shall come under the purview of the cell, and it is empowered to initiate actions against such offences.

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Ref. No. mmp/off/comm/2025-26(3) Date: 20/08/2025

Office Order
For
Women Grievance Committee

The following committee is formed as the Women Grievance Committee. The female staff and student can approach this committee for their grievances. The committee members are therefore informed that they should provide justice for the grievances of the staff and students.

Sr. No.	Name of Faculty	Designation	Signature
1	Mrs. Joshi G.S.	Chairperson	
2	Dr. Lakhe M.C.	Coordinator	
3	Mrs. Dhalpe S. B.	Member	
4	Mrs. Pohakar R.N.	Member	
5	Mrs. Patil M. S.	Member	
6	Mrs. Savargave A. P.	Member	
7	Ms. Girija More (FY EX)	Student Representative	
8	Ms. Akansha Darekar (TY CO)	Student Representative	
9	Ms. Jasmine Rafiq Dalal (SY AN)	Student Representative	

M.M. POLYTECHNIC PUNE 411033. THERGAON

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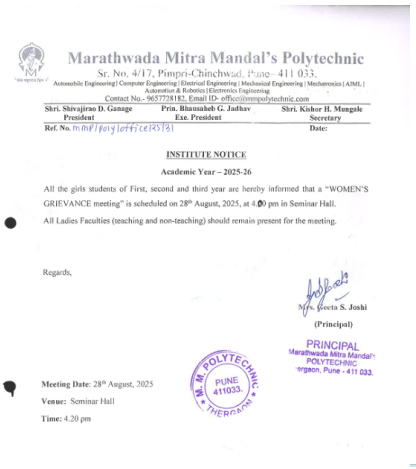
Grievance Reporting Procedure

- The Committee will deal with the cases/complaints of physical, verbal, mental and sexual harassment of the female teaching and non-teaching staff of the Polytechnic College.
- The committee may form/review the guidelines /policy for redressal of the grievance as required from time to time, which may be in accordance with those issued by the Supreme Court and Government Agencies.
- Female employee will have the right to lodge a complaint concerning sexual harassment against a male employee of the college or the members of the authorities of the Management, by writing a letter to the Principal of the college or putting the complaint in the Complaint Box, which is to be placed in the Library/Office.
- The Complaint Box is to be opened once a week by the Committee Member. If there is any complaint by the female staff or student, it is to be reported to the Chairman of the Committee.
- The complainant will be afforded full confidentiality at this stage.
- After receiving the complaint, the Chairperson shall convene a meeting of the cell, as the case may be, to deal with it.
- The Chairperson may appoint an Investigation Committee, as the case may be.
- Whenever the Investigation Committee is set up by the Chairman, the Convener (Chairperson of Investigating Committee) shall convene a meeting for which advance intimation will be given to the complainant.
- At the first meeting, the complainant or, at her request, her representative shall be heard.
- The Investigation Committee shall then decide whether the complaint deserves to be proceeded with.
- The complaint will stand dropped if, in accordance with the committee, the complainant has not been able to disclose prima facie an offence of any type of harassment.
- In case the Investigation Committee decides to proceed with the complaint, the wishes of the complainant shall be ascertained, and if the complainant wishes that a warning would suffice, then the alleged offender shall be called to the meeting of the Committee, heard and if so satisfied that a warning is just and proper, he may be warned about his behavior. The matter will then be treated as concluded with a recording to that effect made in the complaint Register.
- If the Investigation Committee comes to the conclusion that the accused, in case of his guilt being proved, a major penalty should be imposed, it shall make such a recommendation to the Principal of Polytechnic.



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Shri. Shivajirao D. Ganage President	Prin. Bhausaheb G. Jadhav Exe. President	Shri. Kishor H. Mungale Secretary

Ref. No. mmp/Poly/office/25/31 Date:

INSTITUTE NOTICE

Academic Year – 2025-26

All the girls students of First, second and third year are hereby informed that a "WOMEN'S GRIEVANCE meeting" is scheduled on 28th August, 2025, at 4.00 pm in Seminar Hall.

All Ladies Faculties (teaching and non-teaching) should remain present for the meeting.

Regards,

Mrs. Geeta S. Joshi
(Principal)

PRINCIPAL
Marathwada Mitra Mandal's
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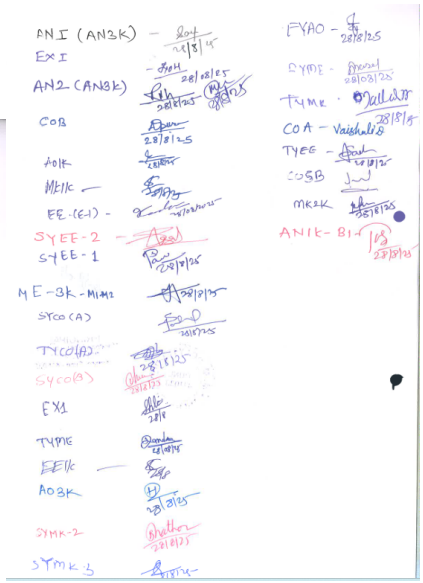
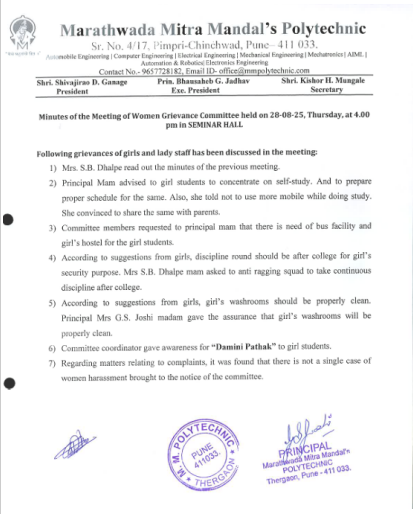
M. M. POLYTECHNIC PUNE 411033. THERGAON

Meeting Date: 28th August, 2025
Venue: Seminar Hall
Time: 4.20 pm



ANI (AN3K) –
EXI
AN2-(AN3K)
COB
AOIK
MEIK
EE-(E1) -
SYEE-2
SYEE-1
ME-3K-MIMI
STCO(A)
TYCO(A)
SYCO(A)
EXI
TYME
EEIK
AO3K
SYMK-2
SYMK-3
FYAO -
SYME -
TYMK -
COA - Vaishali S
TYEE -
COSB
MK2K
ANIK-B1



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Shri. Shivajirao D. Ganage President	Prin. Bhausaheb G. Jadhav Exe. President	Shri. Kishor H. Mungale Secretary

Minutes of the Meeting of Women Grievance Committee held on 28-08-25, Thursday, at 4.00 pm in SEMINAR HALL

Following grievances of girls and lady staff has been discussed in the meeting:

1) Mrs. S.B. Dhalpe read out the minutes of the previous meeting.
2) Principal Mam advised to girl students to concentrate on self-study. And to prepare proper schedule for the same. Also, she told not to use more mobile while doing study. She convinced to share the same with parents.
3) Committee members requested to principal mam that there is need of bus facility and girl's hostel for the girl students.
4) According to suggestions from girls, discipline round should be after college for girl's security purpose. Mrs S.B. Dhalpe mam asked to anti ragging squad to take continuous discipline after college.
5) According to suggestions from girls, girl's washrooms should be properly clean. Principal Mrs G.S. Joshi madam gave the assurance that girl's washrooms will be properly clean.
6) Committee coordinator gave awareness for **"Damini Pathak"** to girl students.
7) Regarding matters relating to complaints, it was found that there is not a single case of women harassment brought to the notice of the committee.

M. M. POLYTECHNIC PUNE 411033. THERGAON

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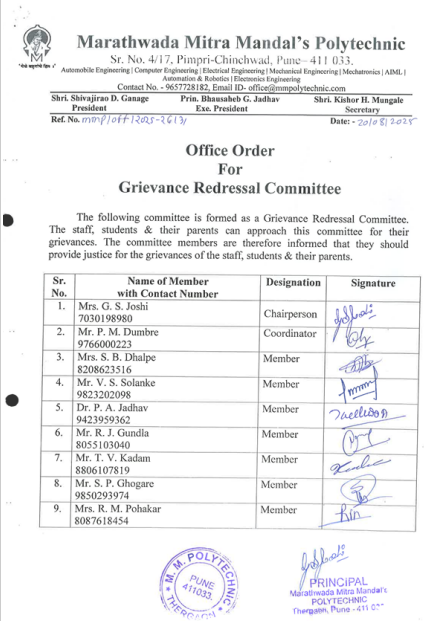
3. **Grievance Redressal Cell (2025-26)**



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Shri. Shivajirao D. Ganage President	Prin. Bhausaheb G. Jadhav Exe. President	Shri. Kishor H. Mungale Secretary

Ref. No. mmp/Poff/2025-2613/ Date: - 20/08/2025

Office Order
For
Grievance Redressal Committee

The following committee is formed as a Grievance Redressal Committee. The staff, students & their parents can approach this committee for their grievances. The committee members are therefore informed that they should provide justice for the grievances of the staff, students & their parents.

Sr. No.	Name of Member with Contact Number	Designation	Signature
1.	Mrs. G. S. Joshi 7030198980	Chairperson	
2.	Mr. P. M. Dumbre 9766000223	Coordinator	
3.	Mrs. S. B. Dhalpe 8208623516	Member	
4.	Mr. V. S. Solanke 9823202098	Member	
5.	Dr. P. A. Jadhav 9423959362	Member	
6.	Mr. R. J. Gundla 8055103040	Member	
7.	Mr. T. V. Kadam 8806107819	Member	
8.	Mr. S. P. Ghogare 9850293974	Member	
9.	Mrs. R. M. Pohakar 8087618454	Member	

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The Students Grievance Redressal Cell functions are:

- Invite students' suggestions for improving theory and practical teaching performances.
- Suggestion/complaint box has been installed in front of Grievance Cell in the Administrative Block, in which the students, who want to remain anonymous, put in writing their grievances and their suggestions for improving the Academic/Administration in the College.
- Advising Students of the college to respect the rights and dignity of one another and show utmost restraint and patience whenever any occasion of rift arises.
- Advising all the students to refrain from inciting students against other students, teachers and college administration.
- Advising all staff to be affectionate to the students and not behave in a vindictive manner towards any of them for any reason.
- Monitor student activities to prevent untoward incidents.
- Disobedient students are being identified and are counselled to be punctual.

4. **SC/ST (Prevention of Atrocities) Committee**

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Shri. Shivajirao D. Ganage President	Prin. Bhausaheb G. Jadhav Exe. President	Shri. Kishor H. Mungale Secretary

Ref. No. mmpl/off/comm/2025-26/31 Date: 20/08/2025

Office Order
For
SC / ST (Prevention of Atrocities) Committee

The following committee is formed as the SC / ST (Prevention of Atrocities) Committee. The staff & students of the SC / ST category can approach this committee for their grievances. The committee members are therefore informed that they should provide justice for the grievances of the SC / ST staff & students.

Sr. No.	Name of Faculty	Designation	Signature
1	Mrs. Joshi G.S.	Chairperson	
2	Mrs. Deshmukh A. P.	Coordinator	
3	Mrs. Savalajkar P. R.	Member	
4	Mr. Surate N. K.	Member	
6	Akansha Kamble (SY CO)	Student Representative	
7	Priti Pandit Surwase (SY AE)	Student Representative	
8	Dnyaneshwar Suradkar (SY AN)	Student Representative	

PRINCIPAL
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The cell is formed to ensure fair treatment to Reserve Category staff and students. The institute's overall ambience is extremely fair for all stakeholders, including students from economically weaker sections. Administration helps the students to fill scholarship forms and complete other documentation to entitle their learning at concessional fees. Students are properly informed about different scholarship schemes, deadlines, etc., to avail the benefit.

1. The Cell basically aims to uplift the morale of the deprived section of students and staff.
2. Ensures equal opportunities to all the students and staff irrespective of their background
3. Encourage and motivate through counselling and personality development programs

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Shri. Shivajirao D. Ganage President	Prin. Bhausaheb G. Jadhav Exe. President	Shri. Kishor H. Mungale Secretary

Ref. No. Date: 06/11/25

NOTICE

The SC/ST (Prevention of Atrocities) Committee meeting is scheduled on 07th November, 2025, Friday, at 4.20 pm. In VG TAP.

Agenda of meeting

1. Welcome
2. Review of last meeting
3. Activities
4. Vote of thanks

Name of committee members:

Sr. No.	Name of Faculty	Designation	Signature
1	Mrs. Joshi G.S.	Chairperson	
2	Mrs. Deshmukh A. P.	Coordinator	
3	Mrs. Savalajkar P. R.	Member	
4	Mr. Surate N. K.	Member	
5	Akansha Kamble (SY CO)	Student Representative	
6	Priti Pandit Surwase (SY AE)	Student Representative	
7	Dnyaneshwar Suradkar (SY AN)	Student Representative	

Mrs Dhalpe S.B.
(Committee coordinator)

Mrs Joshi G.S.
(Principal)

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Shri. Shivajirao D. Ganage President	Prin. Bhausaheb G. Jadhav Exe. President	Shri. Kishor H. Mungale Secretary

Ref. No. Date: 07/11/25

ATTENDANCE – SC/ST COMMITTEE MEETING

Name of committee members:

Sr. No.	Name of Faculty	Designation	Signature
1	Mrs. Joshi G.S.	Chairperson	
2	Mrs. Deshmukh A. P.	Coordinator	
3	Mrs. Savalajkar P. R.	Member	
4	Mr. Surate N. K.	Member	
5	Akansha Kamble (SY CO)	Student Representative	
6	Priti Pandit Surwase (SY AE)	Student Representative	
7	Dnyaneshwar Suradkar (SY AN)	Student Representative	

Mrs Dhalpe S.B.
(Coordinator)

Mrs Joshi G.S.
(Principal)

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Shri. Shivajirao D. Ganage	Prin. Bhausaheb G. Jadhav	Shri. Kishor H. Mungale
President	Exe. President	Secretary

Minutes of the Meeting of SC/ST Committee held on 07-11-25, Friday, at 4.20 pm in VG TAP.

Proceedings:

1. **Mrs S.B. Dhalpe** read out the minutes of the previous meeting.
2. It is observed that the committee regularly organized interactive sessions and informal meetings with SC/ST students to attend to their personal, social and academic problems.
3. It is observed that no issues for SC/ST students. Committee members are working nicely for SC/ST students along with office staff. Principal Mam giving support to all of them. So meeting has over.
4. **Mrs. G.S. Joshi** (Principal Mam) gave a guidelines to committee members to look after in SC/ST students issues, if any.

Mrs. S.B.Dhalpe
(Committee coordinator)

M. M. POLYTECHNIC PUNE 411033. THERGAON

Mrs. G. S. Joshi
(Principal)
PRINCIPAL
Marathwada Mitra Mandal's
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ICIQAC Committee Institute level curriculum implementation and quality assurance committee

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Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics | AIML | Automation & Robotics

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Shri. Shivajirao D. Ganage	Prin. Bhausaheb G. Jadhav	Shri. Kishor H. Mungale
President	Exe. President	Secretary

Ref. No. Date: 20/08/2025

OFFICE ORDER

As per guidelines of MSBTE, "Institute level curriculum implementation and quality assurance committee" (**ICIQAC**) is being formulated in our institute for the year 2025-26. The chairman and the members of the unit are as follows:

Sr no.	Name	Post	Sign
1	Mrs G.S.Joshi	Ex.Officio. Chairman	
2	Mr. P.M. Dumbre	Ex.Officio.	
	Mr. V. S. Solanke		
	Mr. R. J. Gundla		
	Dr. P.A. Jadhav		
	Mr. S.P.Ghogare		
	Mr. T. V. Kadam		
	Mrs R.N. Pohakar		
	Mrs P.S.Patil		
3	Ms M.S.Patil	Members	
	Ms M.M. Herlekar		
4	Mr R.M. Palwe	Ex.Officio. Member secretary	
5	Ms G. A. Chavan	Student Representatives	
	Mr O. J. Bhosale		
6	Mr T. A. Thombare	Parent Representatives	
	Mr P. V. Tambe		
	Mr A. V. Kinge		

M. M. POLYTECHNIC PUNE 411033. THERGAON

Mrs. Geeta. S. Joshi
(PRINCIPAL)
PRINCIPAL
Marathwada Mitra Mandal's
POLYTECHNIC
Thergaon, Pune - 411 033

Functions of Committee

- **Curriculum Implementation**
  - Monitor effective delivery of curriculum as per affiliating body (MSBTE/AICTE).
  - Ensure CO–PO–PSO mapping and attainment tracking.
  - Recommend corrective actions (add-on courses, bridge programs, industry lectures).
- **Quality Assurance**
- Establish benchmarks for teaching-learning processes.
- Review assessment methods (question papers, moderation, Bloom's Taxonomy compliance).
- Ensure transparency in evaluation and result analysis.
- Collect and analyze feedback from students, faculty, alumni, and industry.
- Identify curriculum gaps and propose revisions.
- Promote innovative teaching practices (hackathons, projects, publications).
- Prepare documentation for NBA/NAAC/MSBTE submissions.
- Ensure systematic reporting of attainment levels and corrective actions.
- Maintain audit-ready records of academic processes.
- Organize FDPs, workshops, and training for faculty.
- Encourage student participation in research, internships, and industry projects.
- Track employability and skill development outcomes.
- Oversee adequacy of learning resources (library, labs, digital tools).
- Recommend upgrades in infrastructure to support curriculum needs.
- **Continuous Improvement**
- **Compliance & Accreditation**
- **Faculty & Student Development**
- **Library & Resource Monitoring**

Marathwada Mitra Mandal's Polytechnic

Sr. No. 4/17, Pimpri-Chinchwad, Pune– 411 033.

Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics | AIML | Automation & Robotics| electronics Engineering

Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

Shri. Shivajirao D. Ganage President	Prin. Bhausaheb G. Jadhav Exe. President	Shri. Kishor H. Mungale Secretary

Date: 03/09/25

INSTITUTE LEVEL CURRICULUM IMPLEMENTATION AND QUALITY ASSURANCE COMMITTEE (ICIQAC)

Academic Year – 2025-26

All the members of "Institute level curriculum implementation and quality assurance committee" (ICIQAC) are hereby informed that a meeting of ICIQAC is planned on Thursday, 04th September, 2025 at 4.15 pm. You are requested to attend the above said meeting.

Regards,

Day & Date: Thursday, 04th September, 2025
Venue: VG TAP centre
Time: 4.15 pm

Mrs. Geeta S. Joshi
(Principal)
PRINCIPAL
Marathwada Mitra Mandal's
POLYTECHNIC
Thergaon, Pune - 411 033

M. M. POLYTECHNIC PUNE 411033. THERGAON

Marathwada Mitra Mandal's Polytechnic

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Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

Shri. Shivajirao D. Ganage President	Prin. Bhausaheb G. Jadhav Exe. President	Shri. Kishor H. Mungale Secretary

Ref. No. Date: 04/09/25

INSTITUTE LEVEL CURRICULUM IMPLEMENTATION AND QUALITY ASSURANCE COMMITTEE (ICIQAC)

Academic Year 2025-26

Day & Date: **Thursday & 04th September 2025**

(Time: **4.15 pm**) (Venue: **- VG TAP centre**)

Agenda

1. Welcome
2. Vision Mission – Institute, Program
3. Discussion on teaching methodology and curriculum implementation
4. Discussion on new academics start
5. Head of department's plan for new academics
6. Principal's plan for new academics
7. Any other point
8. Vote of thanks

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Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

Shri. Shivajirao D. Ganage President	Prin. Bhausaheb G. Jadhav Exe. President	Shri. Kishor H. Mungale Secretary

Date: 04/09/25

INSTITUTE LEVEL CURRICULUM IMPLEMENTATION AND QUALITY ASSURANCE COMMITTEE (ICIQAC)

Academic Year: 2025-26

Day & Date: Thursday, 04th September, 2025

Time: 04:15 pm **Venue: VG TAP Center**

ATTENDANCE

Sr no.	Name	Post	Sign
1	Mrs G.S.Joshi	Ex.Officio. Chairman	
2	Mr. P.M. Dumbre	Ex.Officio.	
	Mr. V. S. Solanke		
	Mr. R. J. Gundla		
	Dr. P.A. Jadhav		
	Mr. S.P.Ghogare		
	Mr. T. V. Kadam		
	Mrs R.N. Pohakar		
	Mrs P.S.Patil		
3	Ms M.S.Patil	Member	
	Ms M.M. Herlekar		
4	Mr R.M. Palwe	Ex.Officio. Member secretary	
5	Ms G. A. Chavan	Student Representatives	
	Mr O. J. Bhosale		
6	Mr T. A. Thombare	Parent Representatives	
	Mr P. V. Tambe		
	Mr A. V. Kinge		

Mrs. Geeta S. Joshi (PRINCIPAL)
PRINCIPAL
Marathwada Mitra Mandal's
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Thergaon, Pune - 411 033

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Marathwada Mitra Mandal's Polytechnic

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Accredited by National Board of Accreditation

Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics Engineering| Electronics Engineering

Prin. Bhausaheb G.Jadhav Exe. President	Shri.Kishor H. Mungale Secretary	Mrs. Geeta S. Joshi Principal

Minutes of Meeting of "Institute Level Curriculum Implementation and Quality Assurance Committee" (ICIQAC)"
Academic Year 2025-26
Held On "04th September, 2025 at 4.15 pm in VG TAP

Following Points were discussed in the meeting:

1) **Welcome:**
Mrs.S.B. Dhalpe welcomed Principal Mam, all committee members of committee, student's and parent's representatives.

2) **Vision -Mission of the Institute:**
Mrs. G.S. Joshi (Principal Mam) briefed about vision – mission of the institute.

3) **All the Heads of the departments gave information briefly about**
- Execution record on new schedules and plans of new year
- Review of their respective departments
- Status of Class Test 1
- Record for Parents meetings
- Regarding course file audit
- Status of Mid Term submission

4) Parent's representatives gave good remarks on execution status of new schedules and plans of New Year of our institute

5) Student's representatives gave good remarks on execution status of new schedules and plans of New Year of our institute.

6) **Principal's Remark:**
Mrs. G.S. Joshi (Principal Mam) gave all the required guidelines to all the head of the departments and also asked to committee coordinator to take follow up on new schedules and plans for this new year.

7) **Vote of thanks:**
Mrs.S.B.Dhalpe (Committee Coordinator) expressed vote of the thanks at the end of the meeting.

Coordinator
Mrs. S.B.Dhalpe

Principal
Mrs. G. S. Joshi
PRINCIPAL
Marathwada Mitra Mandal's
POLYTECHNIC
Thergaon, Pune - 411 033

M. M. POLYTECHNIC PUNE 411033. THERGAON

Marathwada Mitra Mandal's Polytechnic

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Shri. Shivajirao D. Ganage President	Prin. Bhausaheb G. Jadhav Exe. President	Shri. Kishor H. Mungale Secretary

Ref. No. mmp/off/comm/2025-26/21 Date: 20/8/2025

Office Order
For
Internal Complaint Committee

In accordance with the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013, the college hereby constitutes the Internal Complaints Committee (ICC) comprising the following members to address and resolve grievances related to sexual harassment. The committee shall function with impartiality, confidentiality, and a firm commitment to justice.

Sr. No.	Name of Member with Contact Number	Designation	Signature
1.	Mrs. R. N. Pohakar	Coordinator	
2.	Ms. Ghare Dhanashree	NGO	
3.	Ms. M. M. Herlekar	Member	
4.	Mrs S. B. Dhalpe	Member	
5.	Mrs. A. P. Sawargave	Member	
6.	Mr. P. M. Dumbre	Member	
7.	Mr. V. S. Solanke	Member	
8.	Ms. Y. G. Petkar (SY AI/ML)	Student Representative	
9.	Ms. N. K. Pansare (TY CO)	Student Representative	

PRINCIPAL
Marathwada Mitra Mandal's
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Thergaon, Pune - 411 033.

M. M. POLYTECHNIC PUNE 411033. THERGAON

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Shri. Shivajirao D. Ganage, President | Prin. Bhausaheb G. Jadhav, Exe. President | Shri. Kishor H. Mungale, Secretary
Date: 04/08/2025

"Internal Complaint Committee Meeting Notice"

The Internal complaint Committee meeting is scheduled on 05-08-2025 at 4.25 pm in VG TAP center.

Agenda of meeting:
1. Welcome
2. Review of last meeting
3. Activities / discussion
4. Vote of thanks

Name of members:

Sr. No.	Name of Member with contact number	Designation	Signature
1.	Mrs. R. N. Pohakar (8087618454)	Coordinator	
2.	Ms. Ghare Dhanashree (9881038380)	NGO	
3.	Ms. M. M. Herlekar (9518370718)	Member	
4.	Mrs S. B. Dhalpe (8208623516)	Member	
5.	Mrs. A. P. Sawargave (9762213268)	Member	
6.	Mr. P. M. Dumbre (9766000223)	Member	
7.	Mr. V. S. Solanke (9823202098)	Member	
8.	Ms. Yachika G. Petkar (SY AI/ML) (9359455098)	Student Representative	
9.	Ms. Nikita K. Pansare (TYCO) (7414926914)	Student Representative	

Mrs. Geeta. S. Joshi (PRINCIPAL) PRINCIPAL Marathwada Mitra Mandal's POLYTECHNIC Thergaon, Pune - 411 033.

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Shri. Shivajirao D. Ganage, President | Prin. Bhausaheb G. Jadhav, Exe. President | Shri. Kishor H. Mungale, Secretary
Ref. No. Date: 05/08/2025

"Internal Complaint Committee Meeting Attendance"

Name of members:

Sr. No.	Name of Member with Contact Number	Designation	Signature
1.	Mrs. R. N. Pohakar (8087618454)	Coordinator	
2.	Ms. Ghare Dhanashree (9881038380)	NGO	
3.	Ms. M. M. Herlekar (9518370718)	Member	
4.	Mrs S. B. Dhalpe (8208623516)	Member	
5.	Mrs. A. P. Sawargave (9762213268)	Member	
6.	Mr. P. M. Dumbre (9766000223)	Member	
7.	Mr. V. S. Solanke (9823202098)	Member	
8.	Ms. Yachika G. Petkar (SY AI/ML) (9359455098)	Student Representative	
9.	Ms. Nikita K. Pansare (TYCO) (7414926914)	Student Representative	

Mrs. Geeta. S. Joshi (PRINCIPAL) PRINCIPAL Marathwada Mitra Mandal's POLYTECHNIC Thergaon, Pune - 411 033.

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Shri. Shivajirao D. Ganage, President | Prin. Bhausaheb G. Jadhav, Exe. President | Shri. Kishor H. Mungale, Secretary

Minutes of the Meeting of "Internal Complaint Committee" held on 05-08-2025 at 4.25pm in VG TAP

Proceedings:

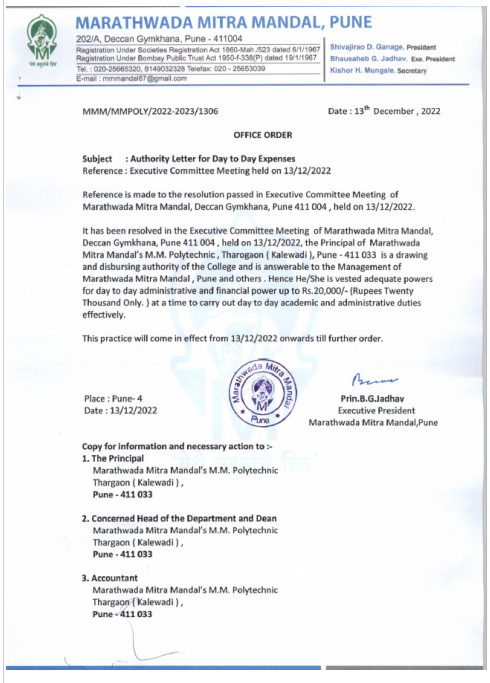
1) Mrs Dhalpe S.B. (Committee coordinator), commenced the meeting by extending a warm welcome to all the attendees.
2) Finalized the schedule for activities planned (all curriculum Exams), also identified the hindrances for above activities planned.
3) The Committee noted that no complaint of sexual harassment has been received from any employee/student till date.
4) As there were no other points for discussion, the meeting was concluded with a the coordinator conveyed thanks to the members for attending the meeting and the members agreed that the Committee will meet every semester on a regular basis or earlier, if need arise.

Mrs. S.B.Dhalpe (Committee coordinator)

Mrs. G. S. Joshi (Principal) PRINCIPAL Marathwada Mitra Mandal's POLYTECHNIC Thergaon, Pune - 411 033

9.1.4 Delegation of financial powers (5)

Institute Marks 5.00



MARATHWADA MITRA MANDAL, PUNE
202/A, Deccan Gymkhana, Pune - 411004
Registration Under Societies Registration Act 1860-Mah./823 dated 6/1/1967
Registration Under Bombay Public Trust Act 1950-F-338(P) dated 19/1/1967
Tel. : 020-25665320, 8149032328 Telefax: 020 - 25653039
E-mail : mmmandal67@gmail.com

Shivajirao D. Ganage, President
Bhausaheb G. Jadhav, Exe. President
Kishor H. Mungale, Secretary

MMM/MMPOLY/2022-2023/1306 Date : 13th December , 2022

OFFICE ORDER

Subject : Authority Letter for Day to Day Expenses
Reference : Executive Committee Meeting held on 13/12/2022

Reference is made to the resolution passed in Executive Committee Meeting of Marathwada Mitra Mandal, Deccan Gymkhana, Pune 411 004 , held on 13/12/2022.

It has been resolved in the Executive Committee Meeting of Marathwada Mitra Mandal, Deccan Gymkhana, Pune 411 004 , held on 13/12/2022, the Principal of Marathwada Mitra Mandal's M.M. Polytechnic , Tharogaon (Kalewadi), Pune - 411 033 is a drawing and disbursing authority of the College and is answerable to the Management of Marathwada Mitra Mandal , Pune and others . Hence He/She is vested adequate powers for day to day administrative and financial power up to Rs.20,000/- (Rupees Twenty Thousand Only.) at a time to carry out day to day academic and administrative duties effectively.

This practice will come in effect from 13/12/2022 onwards till further order.

Place : Pune- 4
Date : 13/12/2022

Prin.B.G.Jadhav
Executive President
Marathwada Mitra Mandal,Pune

Copy for information and necessary action to :-
1. The Principal
Marathwada Mitra Mandal's M.M. Polytechnic
Thargaon (Kalewadi),
Pune - 411 033

2. Concerned Head of the Department and Dean
Marathwada Mitra Mandal's M.M. Polytechnic
Thargaon (Kalewadi),
Pune - 411 033

3. Accountant
Marathwada Mitra Mandal's M.M. Polytechnic
Thargaon (Kalewadi),
Pune - 411 033

9.1.5 Transparency and availability of correct/unambiguous information in public domain (5)

Institute Marks 5.00

1. **Transparency and availability of correct/unambiguous information in the public domain (05)**

All the policies, rules, and processes are made available on the website. The institute website www.mmpolytechnic.edu.in includes exhaustive information about the M. M. Polytechnic and relevant information about sister institutions managed by the trust. Various notices are regularly posted, including the annual academic calendar.

9.2 Budget Allocation, Utilization, and Public Accounting at Institute level (10)

Total Marks 10.00

Summary of current financial year's budget and actual expenditure incurred(for the institution exclusively)in the three previous financial years

Marathwada Mitra Mandal's Polytechnic

Sr. No. 4/17, Pimpri-Chinchwad, Pune– 411 033.

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Prin.Bhausaheb G.Jadhav	Dr. Madhavrao V. Suryawanshi	Shri.Kishor H.Mungale
President	Exe.President	Secretary

Table of Recurring and Non-Recurring Expenses

Particulars	FY2022-23		FY2023-24		FY2024-25		FY2025-26	
ITEMS	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
Non-Recurring Expenses								
Computer & Softwares	3000000	2472611.37	5000000	4308736.4	5000000	4139419	5000000	4531321.77
CCTV Camera & DVR	100000	140296	20000	4701.1	500000	402001.18	50000	21752.12
Furniture & fixture	210000	240026	6000000	5193210.7	800000	752113.35	3000000	1111117.72
Laboratary Equipment	2400000	2865277	900000	816387.9	4000000	3516587.04	2000000	1575089.96
Libraray Book	200000	172151	50000	36793.0	50000	39940	500000	785460
Machines & Tools Equipment	3000000	3346480	300000	265826.9	650000	587382.58	1600000	1336940
Educational Equipment	100000		100000					
Electrical Equipment	220000		280000	267562.8	50000			
Tools-General/ Sound Syatem	250000		100000					
Vehical	100000							
Gymkhana/ Sports Equipment	50000	21000	80000	56497.2	50000		100000	20605
LCD Projector	50000		50000					
Equipments -Other			50000		50000			
Office Equipment	350000	389759.9	650000	595442.92		559432.11	50000	17820
TOTAL - A (Non Recurring)	10,030,000	9,647,601	13,580,000	11,545,159	11,150,000	9,996,875	12,300,000	9,400,107
Percentage	96.19		85.02		89.66		76.42	
Recurring Expenses								
Teaching & Non Teaching Salary	30,827,510	34,945,172	37,391,334	39209173	44,353,815	50,034,467	54296880	58584473

PRINCIPAL
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EOA- Extension of Approval Expenses	100000				400,000	401,500	450,000	483,500
Affiliation Fees	75000	215000	1000000	1078000	300000	240000	300000	225000
Affiliation Fees ACKVK					25000	22000	25000	
Processing Fees DTE							300000	240000
Processing Fees MSBTE	80000	90000			90000	60000	160000	160000
Fees Fixation Committee Fees	50000		150000		200000	189200.04	50000	32533.4
Conference & Seminar Expenses	40000	32316	600000	544732.12	450000	225903.44	200000	145589.17
Annual Day /Gathering Expenses	200000	162055	250000	222449	200000	112083	250000	181701.94
Fees Concessions	600000	685477	1000000	857360	1000000	1031898	1000000	672145.5
Functional Expenses	40000	24731	100000		30000			
Insurance of VG TAP Body Repair Course	20000	14603	20000		20000			
News Paper Expenses	20000	6135			20000		25000	16802
Magzine Journal & Periodicals	25000				40000	35093	10000	3000
Prize Expenses	140000	113460						
Sports Expenses	40000	32730	150000	111707	200000	232247.01	300000	239739.89
Student Related Expenses	200000	179420	200000					
Induction Programme for Student							75000	54358.38
I Card Expenses	15000	4999	20000		20000			
Laboratory Material & Other Consumable	300000	367189	700000	608144.88	700000	809591.91	1000000	504640.66
Exam Expeness	15000	8246	100000	72842.54	80000	49527.4	75000	65995.95
Earn & Learn Stipend to Student			20000	15800	20000		20000	7300
Student Activity Expenses			160000	141987.38	200000	402488.93	700000	543885.06
Student Social Welfare Expenses							300000	242940.56
Srudent Competion Expenses			400000	240775	300000	162232.72	200000	138065.5
NBA Visit Expenses			70000	55630				
NBA Acreditation, etc Processing Fee							125000	94400
Alumni Meet Expenses					125000	96792		
Training & Placement Activity Expenses			250000		300000	243480.49	300000	303484.02
Industrial Visit			10000	7040.46	20,000			443395.64
Remuneration MSBTE Manual Designing Project								259500
Remuneration to Amphenol Interconnect India Pvt Ltd								10000
Remuneration to Staff (IME)								96900
Remuneration for Staff (Skoda Workshop)								51200
Advertisement	150000	127721	500000	403749.98	1500000	1149253.98	1200000	1054377.6
Internet Expenses	285000	159011	200000	173165	300000	234048.96	300000	341020
Postage, Stamps, Courier	5000	8268	15000	11452	15000	13313	20000	18143
Telephone Expenses	60000	53543	10000	7586.68	10000	10230.6	10000	9285.96

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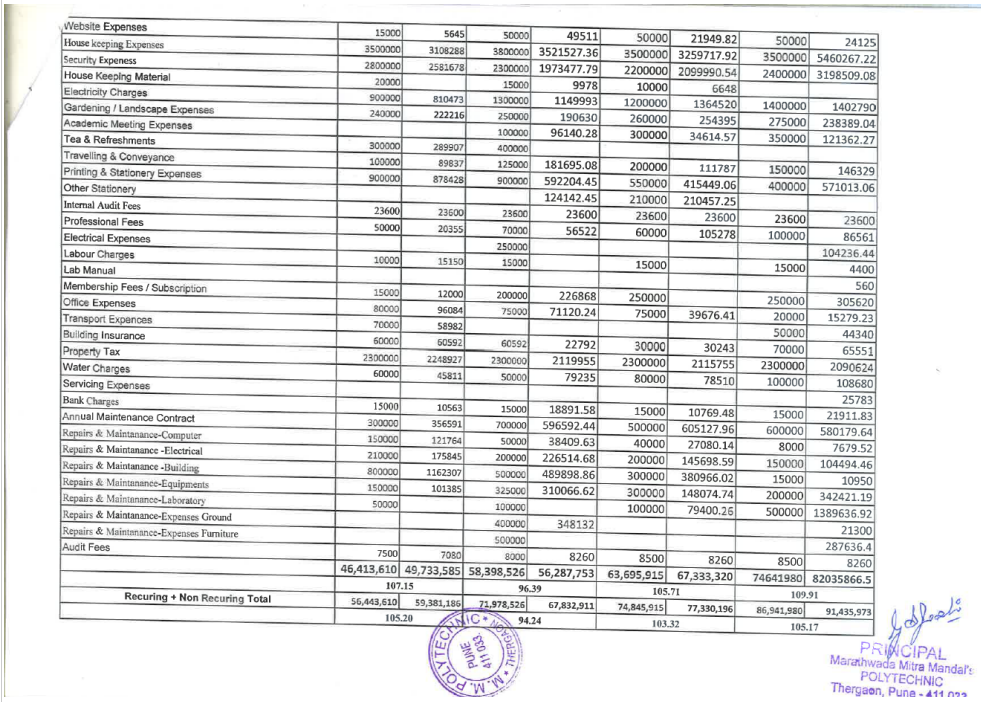

Website Expenses	15000	5645	50000	49511	50000	21949.82	50000	24125
House keeping Expenses	3500000	3108288	3800000	3521527.36	3500000	3259717.92	3500000	5460267.22
Security Expeness	2800000	2581678	2300000	1973477.79	2200000	2099990.54	2400000	3198509.08
House Keeping Material	20000		15000	9978	10000	6648		
Electricity Charges	900000	810473	1300000	1149993	1200000	1364520	1400000	1402790
Gardening / Landscape Expenses	240000	222216	250000	190630	260000	254395	275000	238389.04
Academic Meeting Expenses			100000	96140.28	300000	34614.57	350000	121362.27
Tea & Refreshments	300000	289907	400000					
Travelling & Conveyance	100000	89837	125000	181695.08	200000	111787	150000	146329
Printing & Stationery Expenses	900000	878428	900000	592204.45	550000	415449.06	400000	571013.06
Other Stationery				124142.45	210000	210457.25		
Internal Audit Fees	23600	23600	23600	23600	23600	23600	23600	23600
Professional Fees	50000	20355	70000	56522	60000	105278	100000	86561
Electrical Expenses			250000					104236.44
Labour Charges	10000	15150	15000		15000		15000	4400
Lab Manual								560
Membership Fees / Subscription	15000	12000	200000	226868	250000		250000	305620
Office Expenses	80000	96084	75000	71120.24	75000	39676.41	20000	15279.23
Transport Expances	70000	58982					50000	44340
Building Insurance	60000	60592	60592	22792	30000	30243	70000	65551
Property Tax	2300000	2248927	2300000	2119955	2300000	2115755	2300000	2090624
Water Charges	60000	45811	50000	79235	80000	78510	100000	108680
Servicing Expenses								25783
Bank Charges	15000	10563	15000	18891.58	15000	10769.48	15000	21911.83
Annual Maintenance Contract	300000	356591	700000	596592.44	500000	605127.96	600000	580179.64
Repairs & Maintanance-Computer	150000	121764	50000	38409.63	40000	27080.14	8000	7679.52
Repairs & Maintanance -Electrical	210000	175845	200000	226514.68	200000	145698.59	150000	104494.46
Repairs & Maintanance -Building	800000	1162307	500000	489898.86	300000	380966.02	15000	10950
Repairs & Maintanance-Equipments	150000	101385	325000	310066.62	300000	148074.74	200000	342421.19
Repairs & Maintanance-Laboratory	50000		100000		100000	79400.26	500000	1389636.92
Repairs & Maintanance-Expenses Ground			400000	348132				21300
Repairs & Maintanance-Expenses Furniture			500000					287636.4
Audit Fees	7500	7080	8000	8260	8500	8260	8500	8260
	46,413,610	49,733,585	58,398,526	56,287,753	63,695,915	67,333,320	74641980	82035866.5
	107.15		96.39		105.71		109.91	
Recuring + Non Recuring Total	56,443,610	59,381,186	72,978,526	67,832,911	74,845,915	77,330,196	86,941,980	91,435,973
	105.20		94.24		103.32		105.17	

PRINCIPAL
Marathwada Mitra Mandal's
POLYTECHNIC
Thergaon, Pune - 411 033

Table 1 - CFYm1 2024-25

Total Income 71280559				Actual expenditure(till…): 77330195			Total No. Of Students 1152
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
29502127	41457950	0	320482	67333320	9996875	0	67126.91

Table 2 - CFYm2 2023-24

Total Income 52834177				Actual expenditure(till…): 67832912			Total No. Of Students 871
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
26682570	25950528	0	201079	56287753	11545159	0	77879.35

Table 3 - CFYm3 2022-23

Total Income 55296921				Actual expenditure(till…): 59381185			Total No. Of Students 896
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
27906577	26253039	0	1137305	49733584	9647601	0	66273.64

9.2.1 Adequacy of Budget Allocation (4)

Institute Marks
4.00

Marathwada Mitra Mandal's Polytechnic

Sr. No. 4/17, Pimpri-Chinchwad, Pune– 411 033.

Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics | AIML | Automation & Robotics | Electronics Engineering

Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

Prin.Bhausaheb G.Jadhav	Dr. Madhavrao V. Suryawanshi	Shri.Kishor H.Mungale
President	Exe.President	Secretary

Institute Budget Allocation & Utilization

Table of Recurring and Non-Recurring Expenses

Particulars	FY2022-23		FY2023-24		FY2024-25		FY2025-26	
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
Non Recurring Expenses (A)	10030000	9647601	13580000	11545159	11150000	9996875	12300000	9400107
Percentage	96.19		85.02		89.66		76.42	
Recurring Expenses (B)	46413610	49733585	58398526	56287753	63695915	67333320	74641980	82035867
Percentage	107.15		96.39		105.71		109.91	
Total Expenses (A + B)	56443610	59381186	71978526	67832911	74845915	77330196	86941980	91435973
Percentage	105.20		94.24		103.32		105.17	

M.M. POLYTECHNIC PUNE 411 033 THERGAON

PRINCIPAL
Marathwada Mitra Mandal's
POLYTECHNIC
Thergaon, Pune - 411 033

9.2.2 Utilization of allocated funds (4)

Institute Marks
4.00

Branch	Nature of Fund	AICTE Sanction Fund		Institute Share		Total Utilized Funds (AICTE + Institute)	
		Non- Recurring	Recurring	Non- Recurring	Recurring	Non- Recurring	Recurring
Automobile	Modernisation and Removal of Obsolescence Polytechnic (MODROBS - POL)	12,85,625/-	2,26,875/-	5,45,971/-	72,515/-	18,31,596/-	2,99,390/-
Mechanical	Modernisation and Removal of Obsolescence Polytechnic (MODROBS - POL)	8,39,375/-	1,48,125/-	3,41,805/-	1,28,489/-	11,81,180/-	2,76,614/-
Computer	Grant for organizing conference (GOC)	2,13,300/-				1,06,650/-	

All India Council for Technical Education
(A Statutory body under Ministry of Education, Govt. of India)
Nelson Mandela Marg, VasantKunj, New Delhi-110070 Website: www.aicte-india.org

MODROB POLYTECHNIC - Sanction Letter

F.No.9-70/IDC/MOD- POL/Policy-1/2021-22 Date: 20.01.2022

To

The Drawing and Disbursing Officer,
All India Council for Technical
Education, Nelson Mandela Marg,
Vasant Kunj, New Delhi - 110070

Sub: Release of a sum of **Rs.1210000/- (Rupees Twelve Lakhs Ten Thousand Only)** being the 1st installment **Grant-in-Aid** under the scheme **(MODROB- POL)** for the year **2021-2022** payable during the current financial year **2021-2022**- reg.

Sir/ Madam,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of **Rs.1512500/- (Rupees Fifteen Lakhs Twelve Thousand Five Hundred Only)** as sanctioned Grant-in-Aid under the **Modernization and Removal of Obsolescence Polytechnic (MODROB-POL)** scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	**Director/ Principal/ Registrar, MARATHWADA MITRA MANDAL'S POLYTECHNIC, THERGAON, PUNE,** S.NO. 4/17, SECTOR NO. 34, PCNTDA, OFF KALEWADI ROAD, THERGAON, PUNE, Maharashtra		
2.	Title of Project:	**Recent development in Vehicle Maintenance and Testing.**		
3.	Name of Coordinator:	**PARMESHWAR SURYAWANSHI**		
4.	Duration of the project:	**2 years**		
5.	Total Project Cost:	**Rs.1742500/-**		
6.	Contribution from AICTE, Industry & Institute:	**AICTE**	**Industry**	**Institute**
		Rs.1512500/-	**Rs.35000/-**	**Rs.195000/-**
7.	Total Sanctioned Grant-in-aid from AICTE:	**Non-Recurring(85%):**	**Recurring (15%):**	**TOTAL**
		Rs.1285625/-	**Rs.226875/-**	**Rs.1512500/-**
8.	Amount to be released during the year 2021-22:	**Non-Recurring (85%):**	**Recurring (15%):**	**TOTAL**
		Rs.1028500/-	**Rs.181500/-**	**Rs.1210000/-**
9.	Sanctioned grant-in-aid is debatable to:	**Major Head 601.18(a) Gen. (Plan Head)**		

The contributions from industry and institute (as mentioned in the row 6 of the Table above) must reflect in the Receipt Expenditure Statement in respect of this project, failing which AICTE may not consider proposals under the Scheme future.

1. The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technica Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/ Principal Registrar of the Institute through RTGS/ PFMS.

2. This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

I. **Release of funds**

a. The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the undermentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released:

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAATM9648EV	BANK OF INDIA	Pimpri	PB#981 PF, P.O No. 1101 PUNE MAHARASHTRA 411018	MARATHWADA MITRA MANDALS POLYTECHNIC	Saving Account	850710210000020	BKID0000507

In case of any omission, the same should be reported to AICTE immediately.

b. The sanction is issued in exercise of the powers delegated to the council and other terms & conditions laid down in the guidelines of the scheme.

c. 80% grant of the sanctioned amount is being released to institution as first installment followed by 20% as reimbursement after Utilization Certificate (UC) and other requisite documents as specified in terms & conditions of MODROB scheme.

II. **Maintenance of accounts**

a. The institute shall strictly follow the provisions laid down in the scheme document and this sanction letter. All correspondences related to the project must contain this number along with year of sanction of the project; failing which correspondence will not be entertained.

b. Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant from AICTE.

c. The University/ College/ Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure (list enclosed).

d. The Council or its nominee shall have the right to check/ verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.

e. The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal/ Director/ Registrar shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the sanction letter will not be allowed to be adjusted in the grant and if the Institution/ University does not take the project work within one month of the receipt of the grant, the approval shall ipso fact lapse.

f. After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned project has been started/is in progress.

III. **Refund of grant by way of a demand draft in favour of Member Secretary, AICTE, New Delhi**

a. If the college/ institute does not have the Letter of Approval (LOA) or Extension of Approval issued by AICTE for the academic year 2021-22, the fund released should be immediately refunded to AICTE with interest accrued thereon.

b. If project is not started within six months of the issuance of this Sanction Letter, the released amount along with interest accrued thereon, has to be necessarily returned to AICTE.

c. It may be ensured that the project is completed within the stipulated time. If the project is not completed in time, no further extension will be granted in any case and institute has to refund the entire amount to AICTE.

d. As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

IV. Submission of documents by college/institution after completion of Project/Subsequent years.

The following mandatory relevant documents are required to be submitted by the college/institution within one month of the completion of the project: -

a. Feedback form in the prescribed proforma.

b. The **Annual Progress Report (APR)** in the prescribed format along with the original Statement of actual Expenditure in the prescribed proforma duly signed by the Head of the institution and shall be submitted to AICTE not later than one month after completion.

c. The **Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council.

d. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.

e. **Program Evaluation Committee (PEC)** is required to be constituted at Institutional level. The constitution of the PEC shall be as under:

(i) Principal/Director/Registrar of the Institution(Chairperson)
(ii) Two HODs and one subject expert(Members).
(iii) Coordinator of the project (Secretary),

The minutes of the meetings are to be submitted to the Council at end of the project along with other mandatory documents.

f. Project completion report project indicating the activities undertaking, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.

g. Attested photocopies of supporting vouchers/bills of expenditure incurred for the completion of Project.

h. Photographs of equipment purchased.

i. The balance amount of the grant will be reimbursed to the university/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary institution.

V. General instructions

a. The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next installment of grant before its released.

b. Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the MODROB project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council

c. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.

d. The College/ Institute receiving grant under MODROB is expected to put up a plaque at the main entrance of the Lab/ Department, which has been modernized using the grant. All the equipment procured through the project should be superscribed with AICTE project file number.

e. The assets acquired wholly or substantially out of grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the AICTE and should at any time the institution cease to function, such assets shall revert to the AICTE.

f. When the institute ceases to function, it shall take action with respect to equipment/ items procured through AICTE grants as follows:

i. It shall be ensured that the project has been completed and all mandatory documents have been submitted for utilization of grant and file has been closed under which the equipment has been procured.
ii. The equipment/ items in unserviceable condition are to be disposed off by the institute as per the Government of India rules and the sale proceeds if any, should be sent by Demand Draft in favor of Member Secretary, AICTE, New Delhi.
iii. The equipment/ items in working/ serviceable condition shall be transferred in preferential order to:
- Institute under the same society/ trust/ management.
- Nearby AICTE approved Government (Degree/ Diploma) institute/ College.

iv. The transportation charges for shifting of equipment/ items be borne by borrowing institute.
v. AICTE shall be intimated regarding handover/ takeover of the equipment/ items.

g. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@https://doe.gov.in/order-circular/general-financial-rules2017) should be followed during utilization of grant.

h. The department/ institute is expected to utilize these equipment alongwith others in offering student internship also by registering on the AICTE Internship Portal (@https://internship.aicte-india.org). The internships can be offered to students of other institutions also.

i. As mentioned in the scheme document, the institute must register in I-STEM (Indian Science, Technology & Engineering Facilities Map) (@https://www.istem.gov.in).

List of Equipment approved:

Name of Equipment
Working Model of electric Vehicle
Computerized Research engine setup 1Cylinder 4 Stroke
Multi-fuel with eddy current dynamometer.
Scan Tool : On Board Diagnostic Tools (OBD-II)

Yours sincerely,

Dr. Neeraj Saxena
Advisor - I (IDC)

Copy forwarded for information and necessary action to:
1. **Name and Address of the Coordinator,**
PARMESHWAR SURYAWANSHI,

ANNEXURE

FORMAT
for
UTILIZATION CERTIFICATE

Sanction Letter No. 9-70/IDC/MOD-POL/Policy-1/2021-2022 Date: 30.11.2023

A.NON-RECURRING

Sl. No.	Name of the Equipment Procured	Amount Sanctioned	Amount Utilized (Item wise)	Unspent Balance
1	Computerized Research Engine Setup	12,85,625/-	9,65,004/-	
2	Working model of electric vehicle		7,54,492/-	
3	Off Board Diagnosis Tool (scanner)		1,12,100/-	
	Total		18,31,596/-	

Note : The institute share in the above said amount is Rs 5,45,971/- and AICTE sanctioned amount Rs 12,85,625/-

B. Recurring

Sl. No.	Name of the Equipment Procured	Amount Sanctioned	Amount Utilized (Item wise)	Unspent Balance
1	Electricity /	2,26,875/-	1,20,809 /-	0
2	Salary		1,78,581 /-	0
	Total	2,26,875 /-	2,99,390/-	0

Note : The institute share in the above said amount is Rs 72,515/- and AICTE sanctioned amount Rs 2,26,875/-

Certified that the grant has been utilized for the purpose for which it was sanctioned in accordance with the "Terms and Conditions" attached to the grant. If, as a result of check or audit objection some irregularity is noticed at a later stage, action will be taken to refund, adjust or regularize the amount objected to.

P.R.marathe
Finance Officer
(Signature and Seal with date)

Registrar /Principal/ Director
(Signature and Seal with date)

Name of the Institution : Marathwada Mitra Mandal Polytechnic
Address of Institute : Thergaon Pune 411033

Note: The Utilization Certificate (UC) will be signed by the Registrar/ Finance Officer in the case of Universities, Principals in the case of Colleges and Executive Heads of other Institutions. The Provisional UC may be countersigned by the internal auditors wherever the system of the internal audit exists. In case of the Self Financing/ Private Institutions, UC has to be signed by a Chartered Accountant.
*This is to be submitted for every financial year.

For KRISHNA RAWAS & ASSOCIATES
CHARTERED ACCOUNTANTS
CA. DR. K.M. RAWAS
Memb. No. 035875
M Com. F C A., Ph.D.

ANNEXURE

FORMAT
for
AUDITED UTILISATION CERTIFICATE

Certified that out of Rs.**15, 12,500/-** of Grant- in – aid sanctioned during the year **2021-2022** Letter No. **9-70/IDC/MOD-POL/POLICY-1/2021-2022 and Rs. 12,10,000/- received and out of this Rs.15,12,500/-** has been utilized for the purpose of **Modernization and Removal of Obsolescence (MODROBS), Automobile engineering Dept. Of Marathwada Mitra Mandal's Polytechnic, Pune** for which it was sanctioned and the balance of Rs. 3,02,500/- amount receivable from AICTE at the end of the year.

Certified that the grant has been utilized as per laid down terms and conditions for which it was sanctioned.

P.R.marathe
Finance Officer
(Signature and Seal with date)

Registrar/Principal/Director
(Signature and Seal with date)

For KRISHNA RAWAS & ASSOCIATES
CHARTERED ACCOUNTANTS
CA. DR. K.M. RAWAS
Memb. No. 035875
M Com. F C A., Ph.D.

Chartered Accountant
(Signature and Seal with date)

All India Council for Technical Education
(A Statutory body under Ministry of Education, Govt. of India)
Nelson Mandela Marg, VasantKunj, New Delhi-110070 Website: www.aicte-india.org

MODROB POLYTECHNIC - Sanction Letter

F.No.9-69/IDC/MOD- POL/Policy-1/2021-22 Date: 20.01.2022

To
The Drawing and Disbursing Officer,
All India Council for Technical
Education, Nelson Mandela Marg,
Vasant Kunj, New Delhi - 110070

Sub: Release of a sum of **Rs.790000/- (Rupees Seven Lakhs Ninety Thousand Only)** being the 1st installment **Grant-in-Aid** under the scheme **(MODROB- POL)** for the year **2021-2022** payable during the current financial year **2021-2022**- reg.

Sir/ Madam,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of **Rs.987500/- (Rupees Nine Lakhs Eighty Seven Thousand Five Hundred Only)** as sanctioned Grant-in-Aid under the **Modernization and Removal of Obsolescence Polytechnic (MODROB-POL)** scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	**Director/ Principal/ Registrar, MARATHWADA MITRA MANDAL'S POLYTECHNIC, THERGAON, PUNE,** S.NO. 4/17, SECTOR NO. 34, PCNTDA, OFF KALEWADI ROAD, THERGAON, PUNE, Maharashtra		
2.	Title of Project:	**Center of Excellence in Advanced Manufacturing and Testing**		
3.	Name of Coordinator:	**PRASAD JADHAV**		
4.	Duration of the project:	**2 years**		
5.	Total Project Cost:	**Rs.1501500/-**		
6.	Contribution from AICTE, Industry & Institute:	**AICTE**	**Industry**	**Institute**
		Rs.987500/-	**Rs.115000/-**	**Rs.399000/-**
7.	Total Sanctioned Grant-in-aid from AICTE:	**Non-Recurring(85%):**	**Recurring (15%):**	**TOTAL**
		Rs.839375/-	**Rs.148125/-**	**Rs.987500/-**
8.	Amount to be released during the year 2021-22:	**Non-Recurring (85%):**	**Recurring (15%):**	**TOTAL**
		Rs.671500/-	**Rs.118500/-**	**Rs.790000/-**
9.	Sanctioned grant-in-aid is debatable to:	**Major Head 601.18(a) Gen. (Plan Head)**		

The contributions from industry and institute (as mentioned in the row 6 of the Table above) must reflect in the Receipt & Expenditure Statement in respect of this project, failing which AICTE may not consider proposals under the Scheme in future.

1. The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/ Principal/ Registrar of the Institute through RTGS/ PFMS.
2. This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

I. Release of funds

a. The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the undermentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released:

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAATM96 08N	BANK OF INDIA	Pimpri	PIMPRI PF, PB No. 1101 PUNE MAHARASHTRA 411018	MARATHWADA MITRA MANDALS POLYTECHNIC	Saving Account	050710210000 02	BKID0000507

In case of any omission, the same should be reported to AICTE immediately.

b. The sanction is issued in exercise of the powers delegated to the council and other terms & conditions laid down in the guidelines of the scheme.

c. 80% grant of the sanctioned amount is being released to institution as first installment followed by 20% as reimbursement after Utilization Certificate (UC) and other requisite documents as specified in terms & conditions of MODROB scheme.

II. Maintenance of accounts

a. The institute shall strictly follow the provisions laid down in the scheme document and this sanction letter. All correspondences related to the project must contain this number along with year of sanction of the project; failing which correspondence will not be entertained.

b. Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant from AICTE.

c. The University/ College/ Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure (list enclosed).

d. The Council or its nominee shall have the right to check/ verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.

e. The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal/ Director/ Registrar shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the sanction letter will not be allowed to be adjusted in the grant and if the Institution/ University does not take the project work within one month of the receipt of the grant, the approval shall ipso fact lapse.

f. After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned project has been started/is in progress.

III. Refund of grant by way of a demand draft in favour of Member Secretary, AICTE, New Delhi

a. If the college/ institute does not have the Letter of Approval (LOA) or Extension of Approval issued by AICTE for the academic year 2021-22, the fund released should be immediately refunded to AICTE with interest accrued thereon.

b. If project is not started within six months of the issuance of this Sanction Letter, the released amount along with interest accrued thereon, has to be necessarily returned to AICTE.

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c. It may be ensured that the project is completed within the stipulated time. If the project is not completed in time, no further extension will be granted in any case and institute has to refund the entire amount to AICTE.

d. As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

IV. Submission of documents by college/institution after completion of Project/Subsequent years.

The following mandatory relevant documents are required to be submitted by the college/institution within one month of the completion of the project: -

a. Feedback form in the prescribed proforma.

b. The **Annual Progress Report (APR)** in the prescribed format along with the original Statement of actual Expenditure in the prescribed proforma duly signed by the Head of the institution and shall be submitted to AICTE not later than one month after completion.

c. The **Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council.

d. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.

e. **Program Evaluation Committee (PEC)** is required to be constituted at Institutional level. The constitution of the PEC shall be as under:

(i) Principal/Director/Registrar of the Institution(Chairperson)
(ii) Two HODs and one subject expert(Members).
(iii) Coordinator of the project (Secretary).

The minutes of the meetings are to be submitted to the Council at end of the project along with other mandatory documents.

f. Project completion report project indicating the activities undertaking, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.

g. Attested photocopies of supporting vouchers/bills of expenditure incurred for the completion of Project.

h. Photographs of equipment purchased.

i. The balance amount of the grant will be reimbursed to the university/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary institution.

V. General instructions

a. The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next installment of grant before its released.

b. Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the MODROB project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council.

c. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.

d. The College/ Institute receiving grant under MODROB is expected to put up a plaque at the main entrance of the Lab/ Department, which has been modernized using the grant. All the equipment procured through the project should be superscribed with AICTE project file number.

e. The assets acquired wholly or substantially out of grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the AICTE and should at any time the institution cease to function, such assets shall revert to the AICTE.

f. When the institute ceases to function, it shall take action with respect to equipment/ items procured through AICTE grants as follows:

i. It shall be ensured that the project has been completed and all mandatory documents have been submitted for utilization of grant and file has been closed under which the equipment has been procured.
ii. The equipment/ items in unserviceable condition are to be disposed off by the institute as per the Government of India rules and the sale proceeds if any, should be sent by Demand Draft in favor of Member Secretary, AICTE, New Delhi.
iii. The equipment/ items in working/ serviceable condition shall be transferred in preferential order to:
- Institute under the same society/ trust/ management.
- Nearby AICTE approved Government (Degree/ Diploma) institute/ College.

iv. The transportation charges for shifting of equipment/ items be borne by borrowing institute.
v. AICTE shall be intimated regarding handover/ takeover of the equipment/ items.

g. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@https://doe.gov.in/order-circular/general-financial-rules2017) should be followed during utilization of grant.

h. The department/ institute is expected to utilize these equipment alongwith others in offering student internship also by registering on the AICTE Internship Portal (@https://internship.aicte-india.org). The internships can be offered to students of other institutions also.

i. As mentioned in the scheme document, the institute must register in I-STEM (Indian Science, Technology & Engineering Facilities Map) (@https://www.istem.gov.in).

List of Equipment approved:

Name of Equipment
Surface Roughness Tester
3-D Printer and Scanner for Additive manufacturing

Yours sincerely,

Dr. Neeraj Saxena
Advisor - I (IDC)

Copy forwarded for information and necessary action to:

1. **Name and Address of the Coordinator,**
PRASAD JADHAV,
MARATHWADA MITRA MANDAL'S POLYTECHNIC, THERGAON, PUNE,
S.NO. 4/17, SECTOR NO. 34, PCNTDA, OFF KALEWADI ROAD, THERGAON, PUNE, Maharashtra

ANNEXURE

FORMAT
for
UTILIZATION CERTIFICATE

Sanction Letter No. 9-69/IDC/MOD-POL/Policy-1/2021-2022 Date:30.11.2023

A. NON-RECURRING

Sl. No.	Name of the Equipment Procured	Amount Sanctioned	Amount Utilized (Item wise)	Unspent Balance
1	Surface Roughness Tester	Rs. 8,39,375/-	Rs. 1,21,540/-	
2	3 D Printer and Scanner for Additive Manufacturing		Rs. 10,59,640/-	
	Total		**Rs. 11,81,180/-**	

Note : The institute Share in the above said amount is Rs 3,41,805/- & AICTE Sectioned Non Recurring amount Rs 8,39,375/-

B. Recurring

Sl. No.	Name of the Equipment Procured	Amount Sanctioned	Amount Utilized (Item wise)	Unspent Balance
1	Salary	1,48,125/-	1,55,805/-	0
2	Electricity		1,20,809/-	0
	Total	**1,48,125/-**	**2,76,614/-**	

Note : The institute Share in the above said amount is Rs 1,28,489/- & AICTE Sanctioned Recurring amount Rs 1,48,125/-

Certified that the grant has been utilized for the purpose for which it was sanctioned in accordance with the "Terms and Conditions" attached to the grant. If, as a result of check or audit objection some irregularity is noticed at a later stage, action will be taken to refund, adjust or regularize the amount objected to.

P.S. Marathe
Finance Officer
(Signature and Seal with date)

30/11/23
Registrar /Principal/ Director
(Signature and Seal with date)

Name of the Institution: Marathwada Mitra Mandal Polytechnic
Address of Institution : Thergaon Pune 411033

Note: The Utilization Certificate (UC) will be signed by the Registrar/ Finance Officer in the case of Universities, Principals in the case of Colleges and Executive Heads of other Institutions. The Provisional UC may be countersigned by the internal auditors wherever the system of the internal audit exists. In case of the Self Financing/ Private Institutions, UC has to be signed by a Chartered Accountant.

*This is to be submitted for every financial year.

For KRISHNA RAWAS & ASSOCIATES
CHARTERED ACCOUNTANTS
CA. DR. A.K. RAWAS
M.Com. F.C.A., Ph.D.

FORMAT
for
AUDITED UTILISATION CERTIFICATE

Certified that out of Rs.**9,87,500/-** of Grant- in – aid sanctioned during the year **2021-2022** Letter No. **9-69/IDC/MOD-POL/POLICY-1/2021-2022 and received Rs. 7,90,000/- (1st Installment) out of this Rs.9,87,500/-** has been utilized for the purpose of **Modernization and Removal of Obsolescence (MODROBS), Mechanical engineering Dept. Of Marathwada Mitra Mandal's Polytechnic, Pune** for which it was sanctioned and the balance of Rs. 1, 97,500/- receivable from **All India council for technical education** at the end of the year.

Certified that the grant has been utilized as per laid down terms and conditions for which it was sanctioned.

P.S. Marathe
Finance Officer
(Signature and Seal with date)

Registrar/Principal/Director
(Signature and Seal with date)

For KRISHNA RAWAS & ASSOCIATES
CHARTERED ACCOUNTANTS
CA. DR. A.K. RAWAS
M.Com. F.C.A., Ph.D.

Chartered Accountant
(Signature and Seal with date)

9.2.3 Availability of the audited statements on the institute's website (2)

Institute Marks 2.00

https://mmpolytechnic.edu.in/documents/#studentdownloads

Mandatory Disclosure & Docum ×

mmpolytechnic.edu.in/documents/#studentdownloads

PART 1 - 2024-25

PART 2 - 2024-25

Audit Statements

AUDIT STATEMENT 2024-25

AUDIT STATEMENT 2023-24

AUDIT STATEMENT 2022-23

AUDIT STATEMENT 2021-22

AUDIT STATEMENT 2020-21

AUDIT STATEMENT 2019-20

AUDIT STATEMENT 2018-19

AUDIT STATEMENT 2017-18

AUDIT STATEMENT 2016-17

AUDIT STATEMENT 2015-16

9.3 Department Specific Budget Allocation, Utilization (5)

Total Marks 5.00

Marathwada Mitra Mandal's Polytechnic

Sr. No. 4/17, Pimpri-Chinchwad, Pune– 411 033.

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Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

Prin.Bhausaheb G.Jadhav, President | Dr. Madhavrao V. Suryawanshi, Exe.President | Shri.Kishor H.Mungale, Secretary

Programme : Mechanical Enineering

Recurring & Non Recurring Programme Expenditure 2025-26

All Progerams must submit the budget as per Circullar. Following Ledger heads will be distributed to all programms as per the students count. Expenditure distribution Ratio for AE : ME : CO : EE : MK : AO : AIML : EX : WP: ME : 8.07 : 11.64 : 29.71 : 12.34 : 13.89 : 9.46 : 10.09 : 4.02 : 0.78

Sr.NO.	Ledger Heads	Institute Actual Exp	Department Budget	Exp Ratio	Department Exp Share
1	Computer & Softwares	4531321.77	350000	11.64	527,446
2	CCTV Camera & DVR	21752.12	7500	11.64	2,532
3	Furniture & fixture	1111117.72	140000	11.64	129,334
4	Laboratary Equipment	1575089.96	130000	11.64	183,340
5	Library Book	785460	70000	11.64	91,428
6	Machines & Tools Equipment	1336940	80000	11.64	155,620
7	Gymkhana/ Sports Equipment	20605	10000	11.64	2,398
8	Office Equipment	17820	10000	11.64	2,074
	A) Non-Recurring Expenses	9,400,107	797,500		1,094,172
	Percentage		137		
	Recurring Expenses				
1	Conference & Seminar Expenses	145589.17	30000	11.64	16,947
2	Annual Day /Gathering Expenses	181701.94	40000	11.64	21,150
3	Sports Expenses	239739.89	40000	11.64	27,906
4	Induction Programme for Student	54358.38		11.64	6,327
5	Laboratory Material & Other Consumable	504640.66	70000	11.64	58,740
6	Student Activity Expenses	543885.06	75000	11.64	63,308
7	Srudent Competion Expenses	138065.5	30000	11.64	16,071
8	Training & Placement Activity Expenses	303484.02	50000	11.64	35,326
9	Industrial Visit	443395.64		11.64	51,611
10	Advertisement	1054377.6	150000	11.64	122,730
11	Postage, Stamps, Courier	18143	1000	11.64	2,112
12	Academic Meeting Expenses	121362.27	25000	11.64	14,127
13	Printing & Stationery Expenses	571013.06	70000	11.64	66,466
14	Electrical Expenses	104236.44		11.64	12,133
15	Labour Charges	4400	1500	11.64	512
16	Membership Fees / Subscription	305620	40000	11.64	35,574
17	Transport Expences	44340	5000	11.64	5,161
18	Servicing Expenses	25783		11.64	3,001
19	Annual Maintenance Contract	580179.64	70000	11.64	67,533
20	Repairs & Maintenance-Computer	7679.52	5000	11.64	894
21	Repairs & Maintenance -Electrical	104494.46	25000	11.64	12,163
22	Repairs & Maintenance -Building	10950	5000	11.64	1,275
23	Repairs & Maintanance-Equipments	342421.19	50000	11.64	39,858
24	Repairs & Maintanance-Laboratory	1389636.92	130000	11.64	161,754
25	Repairs & Maintanance-Expenses Furniture	287636.4		11.64	33,481
	Total B - Recurring Expenses	7,527,134	912,500		876,158
	Percentage		96		
	Recuring + Non Recuring Expenses	16,927,240	1,710,000		1,970,331
	Percentage		115		

PRINCIPAL
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Prin.Bhausaheb G.Jadhav, President | Dr. Madhavrao V. Suryawanshi, Exe.President | Shri.Kishor H.Mungale, Secretary

Programme : Mechanical Enineering

Recurring & Non Recurring Programme Expenditure 2024-25

All Progerams must submit the budget as per Circullar. Following Ledger heads will be distributed to all programms as per the students count. Expenditure distribution Ratio for AE : ME : CO : EE : MK : AO : AIML : 9.46 : 14.24 : 34.29 : 15.54 : 15.63 : 5.30 : 5.54

Sr.NO.	Ledger Heads	Institute Actual Exp	Department Budget	Exp Ratio	Department Exp Share
1	Computer & Softwares	4139419	550000	14.24	589,453
2	CCTV Camera & DVR	402001.18	60000	14.24	57,245
3	Furniture & fixture	752113.35	104000	14.24	107,101
4	Laboratary Equipment	3516587.04	640000	14.24	500,762
5	Library Book	39940	8500	14.24	5,687
6	Machines & Tools Equipment	587382.58	117000	14.24	83,643
7	Office Equipment	559432.11		14.24	79,663
	A) Non-Recurring Expenses	9,996,875	1,479,500		1,423,555
	Percentage		96		
	Recurring Expeases				
1	Conference & Seminar Expenses	225903.44	50000	14.24	32,169
2	Annual Day /Gathering Expenses	112083	25000	14.24	15,961
3	Sports Expenses	232247.01	25000	14.24	33,072
4	Laboratory Material & Other Consumable	809591.91	70000	14.24	115,286
5	Student Activity Expenses	402488.93	35000	14.24	57,314
6	Srudent Competion Expenses	162232.72	35000	14.24	23,102
7	Alumni Meet Expenses	96792	15000	14.24	13,783
8	Training & Placement Activity Expenses	243480.49	30000	14.24	34,672
9	Advertisement	1149253.98	200000	14.24	163,654
10	Postage, Stamps, Courier	13313	3150	14.24	1,896
11	Academic Meeting Expenses	34614.57	39000	14.24	4,929
12	Printing & Stationery Expenses	415449.06	88000	14.24	59,160
13	Other Stationery	210457.25	25000	14.24	29,969
14	Annual Maintenance Contract	605127.96	65000	14.24	86,170
15	Repairs & Maintanance-Computer	27080.14	6400	14.24	3,856
16	Repairs & Maintanance -Electrical	145698.59	40000	14.24	20,747
17	Repairs & Maintanance -Building	380966.02	40000	14.24	54,250
18	Repairs & Maintanance-Equipments	148074.74	50000	14.24	21,086
19	Repairs & Maintanance-Laboratory	79400.26	20000	14.24	11,307
	Total B - Recurring Expenses	5,494,255	861,550		782,382
	Percentage		91		
	Recuring + Non Recuring Expenses	15,491,130	2,341,050		2,205,937
	Percentage		94		

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Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

Prin.Bhausaheb G.Jadhav	Dr. Madhavrao V. Suryawanshi	Shri.Kishor H.Mungale
President	Exe.President	Secretary

Programme : Mechanical Enineering

Recurring & Non Recurring Programme Expenditure 2023-24

All Progerams must submit the budget as per Circullar. Following Ledger heads will be distributed to all programms as per the students count. Expenditure distribution Ratio for AE : ME : CO : EE : MK : 10.56 : 14.70 : 41.22 : 16.42 : 17.10

Sr.NO.	Ledger Heads	Institute Actual Exp	Department Budget	Exp Ratio	Department Exp Share
1	Computer & Softwares	4308736	700000	14.7	633384
2	CCTV Camera & DVR	4701	3200	14.7	691
3	Furniture & fixture	5193211	800000	14.7	763402
4	Laboratary Equipment	816388	162000	14.7	120009
5	Library Book	36793	9500	14.7	5409
6	Machines & Tools Equipment	265827	60000	14.7	39077
7	Electrical Equipment	267563	60000	14.7	39332
8	Gymkhana/ Sports Equipment	56497	12000	14.7	8305
9	Office Equipment	595443	70000	14.7	87530
	A) Non-Recurring Expenses	11545159	1876700		1,697,138
	Percentage		90		
	Recurring Expenses				
1	Conference & Seminar Expenses	544732	100000	14.7	80076
2	Annual Day /Gathering Expenses	222449	40000	14.7	32700
3	Sports Expenses	111707	30000	14.7	16421
4	Laboratory Material & Other Consumable	608145	90000	14.7	89397
5	Student Activity Expenses	141987	30000	14.7	20872
6	Srudent Competion Expenses	240775	64000	14.7	35394
7	Industrial Visit	7040	1900	14.7	1035
8	Advertisement	403750	80000	14.7	59351
9	Postage, Stamps, Courier	11452	1800	14.7	1683
10	Academic Meeting Expenses	96140	30000	14.7	14133
11	Printing & Stationery Expenses	592204	100000	14.7	87054
12	Other Stationery	124142		14.7	18249
13	Membership Fees / Subscription	226868	40000	14.7	33350
14	Annual Maintenance Contract	596592	90000	14.7	87699
15	Repairs & Maintanance-Computer	38410	10000	14.7	5646
16	Repairs & Maintanance -Electrical	226515	40000	14.7	33298
17	Repairs & Maintanance -Building	489899	90000	14.7	72015
18	Repairs & Maintanance-Equipments	310067	60000	14.7	45580
	Total B - Recurring Expenses	4992875	897700		733953
	Percentage		82		
	Recuring + Non Recuring Expenses	16,538,034	2,774,400		2,431,091
	Percentage		88		

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Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics | AIML | Automation & Robotics | Electronics Engineering

Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

Prin.Bhausaheb G.Jadhav	Dr. Madhavrao V. Suryawanshi	Shri.Kishor H.Mungale
President	Exe.President	Secretary

Programme : Mechanical Engineering

Recurring & Non Recurring Programme Expenditure 2022-23

All Progerams must submit the budget as per Circullar. Following Ledger heads will be distributed to all programms as per the students count. Expenditure distribution Ratio for AE : ME : CO : EE : MK : 13.95 : 18.53 : 37.17 : 16.29 : 14.06

Sr.NO.	Ledger Heads	Institute Actual Exp	Department Budget	Exp Ratio	Depariment Exp Share
					0
1	Computer,Laptop	2472611.37	400000	18.53	458,175
2	CCTV Camera & DVR	140296	16000	18.53	25,997
3	Furniture & fixture	240026	35700	18.53	44,477
4	Laboratary Equipment	2865277	432000	18.53	530,936
5	Library Book	172151	38000	18.53	31,900
6	Machines &Tools Equipment	3346480	600000	18.53	620,103
7	Gymkhana/Sports Equipment	21000	10500	18.53	3,891
8	Office Equipment	389759.9	77000	18.53	72,223
	A) Non-Recurring Expenses	9,647,601	1,609,200		1,787,701
	Percentage		111		
	Recurring Expenses				
1	Conference & Seminar Expenses	32316	6400	18.53	5,988
2	Annual Day /Gathering Expenses	162055.2	34000	18.53	30,029
3	Functional Expenses	24731	7600	18.53	4,583
4	Prize Expenses	113460.18	32200	18.53	21,024
5	Sports Expenses	32730	6000	18.53	6,065
6	Student Related Expenses	179420.43	32000	18.53	33,247
7	Laboratory Material & Other Consumable	367189.19	50000	18.53	68,040
8	Advertisement	127721	30000	18.53	23,667
9	Postage, Stamps, Courier	8268	3500	18.53	1,532
10	Tea & Refreshments	289906.96	65000	18.53	53,720
11	Printing & Stationery Expenses	878428.24	100000	18.53	162,773
12	Labour Charges	15150	2500	18.53	2,807
13	Membership Fees / Subscription	12000	2850	18.53	2,224
14	Transport Expences	58982.2	14000	18.53	10,929
15	Annual Maintenance Contract	356591	75000	18.53	66,076
16	Repairs & Maintanance-Computer	121764.08	30000	18.53	22,563
17	Repairs & Maintanance -Electrical	175845.14	40000	18.53	32,584
18	Repairs & Maintanance -Building	1162306.99	175000	18.53	215,375
19	Repairs & Maintanance-Equipments	101384.65	35000	18.53	18,787
	Total B - Recuring Expenses	4220250	739050		782,012
	Percentage		106		
	Recuring + Non Recuring Expenses	13,867,852	2,348,250		2,569,713
	Percentage		109		

PRINCIPAL
Marathwada Mitra Mandal's
POLYTECHNIC

Table 1 :: CFY 2025-26

Total Budget 1710000		Actual expenditure (till…): 1970330	
Non Recurring	Recurring	Non Recurring	Recurring
797500	912500	1094172	876158

Table 2 :: CFYm1 2024-25

Total Budget 2341050		Actual expenditure (till…): 2205937	
Non Recurring	Recurring	Non Recurring	Recurring
1479500	861550	1423555	782382

Table 3 :: CFYm2 2023-24

Total Budget 2774400		Actual expenditure (till…): 2431091	
Non Recurring	Recurring	Non Recurring	Recurring
1876700	897700	1697138	733953

Table 4 :: CFYm3 2022-23

Total Budget 2348250		Actual expenditure (till…): 2569713	
Non Recurring	Recurring	Non Recurring	Recurring
1609200	739050	1787701	782012

9.3.1 Adequacy of Budget Allocation (2)

Institute Marks
2.00

Marathwada Mitra Mandal's Polytechnic

Sr. No. 4/17, Pimpri-Chinchwad, Pune– 411 033.

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Prin.Bhausaheb G.Jadhav	Dr. Madhavrao V. Suryawanshi	Shri.Kishor H.Mungale
President	Exe.President	Secretary

Mechanical Engineering Budget Allocation & Utilization

Table of Recurring and Non-Recurring Expenses

Particulars	FY2022-23		FY2023-24		FY2024-25		FY2025-26	
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
Non Recurring Expenses (A)	1609200	1787701	1876700	1697138	1479500	1423555	797500	1094172
Percentage	111		90		96		137.20	
Recurring Expenses (B)	739050	782012	897700	733953	861550	782382	912500	876158
Percentage	106		82		91		96	
Total Expenses (A + B)	2348250	2569713	2774400	2431091	2341050	2205937	1710000	1970331
Percentage	109		88		94		115	

PRINCIPAL
Marathwada Mitra Mandal's
POLYTECHNIC
Thergaon, Pune - 411 033.

Purchase Procedure

1. **Submission of Requirement**
   - The process starts with the submission of a purchase requirement from the concerned department.
2. **Preparation of Specifications**
   - If the estimated purchase expense exceeds ₹5000, detailed specifications are prepared as per the departmental requirement.
3. **Invitation of Quotations**
   - A minimum of three quotations are invited from different vendors based on the prepared specifications.
4. **Preparation of Comparative Statement**
   - After receiving the quotations, a comparative statement is prepared.
   - The comparative includes:
     - Cost comparison
     - Specifications
     - Quality
     - Warranty/terms and conditions
     - Delivery period
5. **Review and Negotiation**
   - The Purchase Officer reviews all quotations.
   - Necessary discussions and negotiations are carried out with vendors to obtain the best possible price and suitable terms.
6. **Purchase Committee Approval**
   - The Purchase Committee examines:
     - Departmental requirement
     - Comparative statement
     - Vendor details
     - Negotiated rates
   - The committee finalizes the vendor as per the purchase policy and institutional norms.
7. **Issue of Purchase Order**
   - After final approval, a Purchase Order (PO) is issued to the selected vendor.
8. **Completion of Purchase Process**
   - The vendor supplies the required material/equipment as per the Purchase Order and approved specifications.

9.3.2 Utilization of allocated funds (3)

Institute Marks
3.00

ANNEXURE

FORMAT
for
UTILIZATION CERTIFICATE

Sanction Letter No. 9-69/IDC/MOD-POL/Policy-1/2021-2022 Date:30.11.2023

A. NON-RECURRING

Sl. No.	Name of the Equipment Procured	Amount Sanctioned	Amount Utilized (Item wise)	Unspent Balance
1	Surface Roughness Tester	Rs. 8,39,375/-	Rs. 1,21,540/-	
2	3 D Printer and Scanner for Additive Manufacturing		Rs. 10,59,640/-	
		Total	**Rs. 11,81,180/-**	

Note : The institute Share in the above said amount is Rs 3,41,805/- & AICTE Sectioned Non Recurring amount Rs 8,39,375/-

B. Recurring

Sl. No.	Name of the Equipment Procured	Amount Sanctioned	Amount Utilized (Item wise)	Unspent Balance
1	Salary	1,48,125/-	1,55,805/-	0
2	Electricity		1,20,809/-	0
	Total	**1,48,125/-**	**2,76,614/-**	

Note : The institute Share in the above said amount is Rs 1,28,489/- & AICTE Sanctioned Recurring amount Rs 1,48,125/-

Certified that the grant has been utilized for the purpose for which it was sanctioned in accordance with the "Terms and Conditions" attached to the grant. If, as a result of check or audit objection some irregularity is noticed at a later stage, action will be taken to refund, adjust or regularize the amount objected to.

P.S. Marathe 30/11/23

Finance Officer
(Signature and Seal with date)

Registrar /Principal/ Director
(Signature and Seal with date)

M. M. POLYTECHNIC THERGAON PUNE 411 033

Name of the Institution: Marathwada Mitra Mandal Polytechnic
Address of Institution : Thergaon Pune 411033

Note: The Utilization Certificate (UC) will be signed by the Registrar/ Finance Officer in the case of Universities, Principals in the case of Colleges and Executive Heads of other Institutions. The Provisional UC may be countersigned by the internal auditors wherever the system of the internal audit exists. In case of the Self Financing/ Private Institutions, UC has to be signed by a Chartered Accountant.

*This is to be submitted for every financial year.

KRISHNA RAWAS & ASSOCIATES Firm Reg. No. 105361W Pune-3
For KRISHNA RAWAS & ASSOCIATES CHARTERED ACCOUNTANTS
CA., DR. R.M. RAWAS Memb. No. 035675 M.Com. F C A., Ph.D.

FORMAT
for
AUDITED UTILISATION CERTIFICATE

Certified that out of Rs.**9,87,500/-** of Grant- in – aid sanctioned during the year **2021-2022** Letter No. **9-69/IDC/MOD-POL/POLICY-1/2021-2022 and received Rs. 7,90,000/- (1st Installment) out of this Rs.9,87,500/-** has been utilized for the purpose of **Modernization and Removal of Obsolescence (MODROBS), Mechanical engineering Dept. Of Marathwada Mitra Mandal's Polytechnic, Pune** for which it was sanctioned and the balance of Rs. 1, 97,500/- receivable from **All India council for technical education** at the end of the year.

Certified that the grant has been utilized as per laid down terms and conditions for which it was sanctioned.

P.S. Marathe

Finance Officer
(Signature and Seal with date)

Registrar/Principal/Director
(Signature and Seal with date)

KRISHNA RAWAS & ASSOCIATES Firm Reg. No. 105361W Pune-3
For KRISHNA RAWAS & ASSOCIATES CHARTERED ACCOUNTANTS
CA., DR. R.M. RAWAS Memb. No. 035675 M.Com. F C A., Ph.D.

Chartered Accountant
(Signature and Seal with date)

9.4 Library and Internet (20)

Total Marks 20.00

(It is assumed that zero deficiency report was received by the institution, Effective availability and utilization to be demonstrated)

9.4.1 Quality of learning resources (hard/soft) (10)

Institute Marks
10.00

Quality of learning resources

The Library and Information Center houses a collection of over 12,850 books and is fully computerized through ERP/iSLIM software. The following facilities are available to students and staff:

- Reading Room Facility: Issue of text and reference books for on-site study.
- Home Issue Facility: Up to three books per student for First, Second, and Third Year students.
- Free Book Bank: Available to First Year and Second Year students.
- Subscription to National Journals: Covering relevant technological domains and general science areas.
- Multimedia PCs: Maintained for database access and other digital resources.
- E-Book Facility: Accessible to both students and staff.

- Daily Newspapers: Available in Marathi and English.
- CD Collection: Includes select books.
- Project Reports: Copies of final-year students' project reports from previous batches.
- Central Reading Room: Seating capacity for over 80 students, with a separate area designated for staff research and reference.

Total number of Books:

Year	Total No. of Books	Title	Book Bank Sets Issued during the year
2022-23	12350	2146	314
2023-24	12357	2153	284
2024-25	12360	2156	312
2025-26	12850	2376	537

Total number of Journals :

Year	Journals
2022-23	21
2023-24	24
2024-25	27
2025-26	30

Accessibility to students

1. Reading room facility:

The **Library infrastructure** has been specially designed to foster and enhance the reading interest of students.

- **Reading Room Facility**:
  - Seating capacity for **80 students**.
  - Equipped with well-maintained tables and chairs to ensure a comfortable study environment.
- **Computer Access**:
  - Computers are available for student use.
  - Standard software packages are installed, including **internet access** and **word processing tools**.
- **Entry Register System**:
  - Students are required to record their names in the **Library Entry Register** before using the reading room facility.
  - This practice ensures systematic monitoring of student usage.
- **Discipline and Supervision**:
  - The **Librarian observes student behavior** in the reading room.
  - Efforts are made to maintain **discipline and silence**, thereby creating a conducive academic environment.

2. Working hours of Library

The **Library remains open for extended working hours** to facilitate student access to resources.

- Operating hours: **9:30 a.m. to 5:30 p.m.** on all working days.
- Students are permitted to **issue and return books throughout the day**, ensuring uninterrupted access to academic materials.

This schedule supports continuous learning and maximizes the utilization of library facilities.

3. Library Orientation

The **Library conducts Orientation Programs** for all students at the beginning of each academic year. In addition, various **awareness programs** are organized to familiarize students with library resources, facilities, and usage guidelines.

4. Issue/Return procedure

The **Issue and Return of library materials** is carried out as a routine operation. A **systematic sequence of activities** is followed to ensure accuracy and efficiency in issuing and receiving books. This process promotes accountability and smooth functioning of library services.

5. Access to the journals:

- A **dedicated periodicals section** is maintained within the library.
- **Current issues** are displayed on racks for easy access.
- To facilitate better usage, **back volumes of the current year** are archived in a storage area located behind the display racks.
- Journals are issued to **faculty and students** upon making proper entries in the **Journal Issue Register**, ensuring systematic tracking and record maintenance.

6. Stack Room /Display Area Management

Effective **collection organization** ensures optimum utilization of books and journals. Presently, resources are arranged as follows:

- **General Stack Area**: Books and bound volumes of journals.
- **Reference Section**: Encyclopedias, dictionaries, and other reference books.
- **Reserve Shelf Collection**: Books in high demand, theses, and dissertations.
- **Newspaper Display Area**: Daily newspapers for student and faculty reference.
- **Journal Display Racks**: Current issues displayed; back issues stored in drawers behind racks for easy access.

Librarian Responsibilities:

- Ensuring all books removed from stacks are replaced daily.
- Conducting continuous **shelf reading** to identify misplaced books.
- Properly labeling stacks with **subject guides** for systematic access.

7. Book Bank Scheme

The college operates a **Book Bank Scheme** to support students:

- Books covering the syllabus for all subjects are issued for the **entire semester**.
- Students must fill a **Book Bank Scheme Form** at the time of issue.
- At the end of the semester, students return books along with a **Book Return Form**, indicating the condition of the issued books.
- The entire process is managed by the **Library staff**.

8. Question Bank

A **Question Bank** is maintained in the form of files containing:

- **MSBTE examination question papers** of previous years.
- **Sessional question papers** for all subjects.

These files are accessible to both **students and faculty** for academic reference and exam preparation.

9. MSBTE syllabus

The **MSBTE syllabus and course structure** are maintained in a dedicated **Syllabus File** within the library. This file is regularly updated with newly introduced syllabi and revised course structures to ensure accuracy and relevance.

10. Reference Service

The library houses all essential **reference sources** including encyclopedias, handbooks, and manuals. A dedicated **Reference Section** is maintained, and students or faculty may also seek assistance directly from library staff for guidance in locating or using reference materials.

11. Newspapers and Journals:

The library subscribes to an adequate number of **Marathi and English newspapers**, enabling students to stay informed about current events across social, cultural, and scientific domains. In addition, the library subscribes to **national and international journals** to support academic and research activities.

12. Paper cutting and clippings

Newspapers serve as a vital source of updated information. Relevant **cuttings of articles, editorials, letters, statements, and news items** are systematically organized and stored in files. This practice ensures logical categorization and easy retrieval of information.

13. New Arrivals

All newly added books are placed on **display for a fixed period** to bring them to the notice of students and faculty. This practice ensures awareness of updated resources.

14. Library rules

Detailed **Library Rules** are prepared for students and prominently displayed at the entrance. These rules are strictly followed to maintain discipline, silence, and order within the library premises.

15. Digital library/E-resources

The library has developed a **Digital Library facility** to enhance access to academic resources.

- Content includes **e-books, e-journals, project reports, sessional/semester/annual question papers, and syllabi**.
- All digital content is accessible to students and faculty via the **institutional intranet**.

16. Notices/circulars/reminders to the staff and students

Library-related **notices and circulars** are prepared by the librarian through the library in-charge and approved by the Principal. These are maintained in a separate file for record-keeping and reference.

17. Total list of books/ Subject wise list of books

A **comprehensive list of books** is maintained and updated regularly as new titles and volumes are added. The list is organized **department-wise and subject-wise** for systematic access.

18. List of National Journals

The library maintains a **list of subscribed journals**, including details of their national/international status, impact factor, and indexing information. The list also extends to **periodicals, magazines, bulletins, and newspapers**.

20. List of CDs Available

A catalog of **CD-ROMs** available in the library is maintained and updated periodically. CDs are issued to students upon request, and proper records of issue/return are maintained.

21. Subject-wise / Department-wise Display of Books

The library maintains a **display of books organized by subject and department**. This display is continuously updated to reflect new additions, ensuring transparency and easy access for students and faculty.

22. Library usage register

The **Library Usage Register** is maintained at the entrance of the library. All students are required to record their entries in this register upon arrival. The register serves as an official record, providing systematic information about the **student flow into the library**. Based on these entries, a report is generated, which reflects the usage trends and supports monitoring of library resources.

23. Library information display:

The **Library maintains a Notice Board** that displays all current updates related to library resources. The information includes:

- **Department-wise book details**
- **Subject-wise book availability**
- **List of subscribed periodicals**

This ensures transparency and easy access to academic resource information for students and faculty.

Number of computers available in library for student access	09 computers with internet facility
Number of Printers	01
Library Automation Software	ERP / iSLIM
No. of Titles	2376
No. of Volumes	12850
Total No. of Journals Subscription	30
Total No. of News Papers	English-02 , Marathi-05
Total No. of Student Project Reports	367 (Last 3 year 160)
Total No. of e-books downloaded	1000
Total No. of CD`s available	661
No. of users (Issue book)per day	50-70
No. of users (Reading space) per day	65-90

9.4.2 Internet (10)

Institute Marks
10.00

Name of the Internet provider	Gazon / Limerick
Available band width	300/350 Mbps
WiFi availability	Yes
Internet access in labs, classrooms, library and offices of all Departments	Yes
Security arrangements	Firewall Protection and Seqrite Endpoint Security

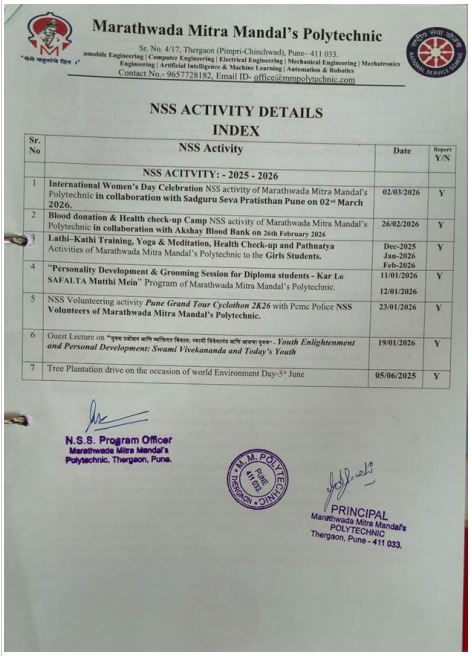
9.5 Institutional Contribution to the Community Development (5)

Total Marks 5.00

Institute Marks
5.00

In **2025–26**, *Marathwada Mitramandal* contributed **₹31 lakh** to the *Chief Minister's Relief Fund* to aid flood victims. This amount was raised through one day's salary voluntarily donated by all teaching and non-teaching staff of M.M. Polytechnic and other units of the institution, with the organization matching the contribution. This initiative reflects the institution's sense of responsibility and solidarity towards society.

पुणे : मराठवाडा मित्रमंडळ शैक्षणिक संस्थेच्या वतीने मुख्यमंत्री सहाय्यता निधीस देणगीचा धनादेश मुख्यमंत्री देवेंद्र फडणवीस यांच्याकडे सुपूर्त करण्यात आला.



Marathwada Mitra Mandal's Polytechnic

Sr. No. 4/17, Thergaon (Pimpri-Chinchwad), Pune- 411 033.
Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics Engineering | Artificial Intelligence & Machine Learning | Automation & Robotics
Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

NSS ACTIVITY DETAILS
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Sr. No	NSS Activity	Date	Report Y/N
	NSS ACITVITY: - 2025 - 2026		
1	**International Women's Day Celebration** NSS activity of Marathwada Mitra Mandal's Polytechnic **in collaboration with Sadguru Seva Pratisthan Pune on 02nd March 2026.**	02/03/2026	Y
2	**Blood donation & Health check-up Camp** NSS activity of Marathwada Mitra Mandal's Polytechnic **in collaboration with Akshay Blood Bank on 26th February 2026**	26/02/2026	Y
3	**Lathi–Kathi Training, Yoga & Meditation, Health Check-up and Pathnatya** Activities of Marathwada Mitra Mandal's Polytechnic to the **Girls Students.**	Dec-2025 Jan-2026 Feb-2026	Y
4	**"Personality Development & Grooming Session for Diploma students - Kar Lo SAFALTA Mutthi Mein"** Program of Marathwada Mitra Mandal's Polytechnic.	11/01/2026 12/01/2026	Y
5	NSS Volunteering activity ***Pune Grand Tour Cyclothon 2K26*** with Pcmc Police **NSS Volunteers of Marathwada Mitra Mandal's Polytechnic.**	23/01/2026	Y
6	Guest Lecture on "युवा उत्थान आणि व्यक्तिमत्व विकास. स्वामी विवेकानंद आणि आजचा युवक" - ***Youth Enlightenment and Personal Development: Swami Vivekananda and Today's Youth***	19/01/2026	Y
7	Tree Plantation drive on the occasion of world Environment Day-5th June	05/06/2025	Y

N.S.S. Program Officer
Marathwada Mitra Mandal's
Polytechnic, Thergaon, Pune.

M.M. POLYTECHNIC Pune 411033

PRINCIPAL
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Thergaon, Pune - 411 033.

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	NSS ACITVITY: - 2024 - 2025		
1	Health check-up & Blood Donation Camp session with Gholap Blood Bank	20/03/2025	Y
2	Report on International Women's Day Celebration at M.M. Polytechnic	08/03/2025	Y
3	One Day Special Camp on Rally, Cleanliness Drive, Water Campaign, Tree Plantation, and at Shindgaon	22/02/2025	Y
4	Eye Donation Awareness session & Blood donation camp & with Akshay Blood Centre	27/02/2025	Y
5	Pcmc, Purple Jallosh- Divyang Mahotsav worked as a volunteer	17,18,19 Jan 2025	Y
6	Awareness Program on Cyber security, Social Responsibility and Community Safety with Collaboration of Kalewadi Police Station	07/01/2025	Y
	NSS ACITVITY: - 2023 - 2024		
7	NSS Volunteers' activity at Marathwada Mitra Mandal's Polytechnic, Thergaon, in Collaboration with Pcmc Election Officer & Team	14/11/2024	Y
8	NSS Volunteers' activity of Marathwada Mitra Mandal's Polytechnic as Police Mitra in Collaboration with Kalewadi Police Station on 19th &20th November24.	20/11/2024	Y
9	PNG Gillette Razor Guard grooming session for diploma students	14/11/2024	Y
10	Road Safety, Helmet awareness& Traffic rules Adherence	20/03/2024	Y
11	Special camp -Cleanliness drive, Tree Plantation, Save Water campaign at Darumbre	10/03/2024	Y
12	Cleanliness drive, Tree Plantation, at NGO- Gurukulam, Chinchwad	02/03/2024	Y
	NSS ACITVITY: - 2022- 2023		
13	Cleanliness drive, Clean City, Smart city Marathon on 25th Feb. 2024	25/02/2023	Y
14	Cleanliness drive, On the occasion of Gandhi Jayanti 01/10/2023	01/10/2023	Y
15	Tree Plantation Activity at M.M. Polytechnic garden	09/06/2023	Y
16	Tree Plantation & Cleanliness drive activity at M.M. Polytechnic garden	18/04/2023	Y

N.S.S. Program Officer
Marathwada Mitra Mandal's
Polytechnic, Thergaon, Pune.

MARATHWADA MITRA MANDAL'S POLYTECHNIC, PIMPRI CHINCHWAD, PUNE-33	
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"येथे बहुतांचे हित"

Date:20/01/2025

Submitted:

Subject: Report on NSS Activity of Marathwada Mitra Mandal's Polytechnic in Collaboration with Pcmc smart city, clean city department: **Purple Jallosh 2025(Divyang Mahotsav), a three-day event aimed at empowerment for differently-abled individuals: -The details of the same are as follows:**

Date: January 17/18/19, 2025 **Location: Auto Cluster, PCMC, Pune**

Organized By: PCMC & Divyang bhavan **Time:** 8:00 am to 9:00 PM

Introduction

Purple Jallosh 2025, Divyang Mahotsav:

Purple Jallosh 2025, a three-day event aimed at providing disabled individuals with the opportunity to explore assistive technologies and engage in recreational activities, was held from January 17th,18th & 19th 2025. Organized by the Pimpri Chinchwad Municipal Corporation (PCMC) officials in collaboration with the Divyang Bhavan Foundation, the event aimed to foster inclusivity and empowerment for people with disabilities. NSS (National Service Scheme) students from Marathwada Mitra Mandal's Polytechnic, Thergaon, Pune, volunteered their services to help ensure a seamless experience for all participants.

Event Objectives:

1. To showcase assistive technologies for disabled individuals and provide them with hands-on experience.
2. To offer recreational and engaging activities for people with disabilities, creating an inclusive environment.
3. To encourage interaction between the disabled participants, volunteers, and public figures, fostering a sense of community and empowerment.
4. To raise awareness about the potential of assistive technologies in improving the quality of life for disabled individuals.

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"येथे बहुतांचे हित"

Organizing Partners:

- **PCMC Officials**: Responsible for the logistical arrangements, venue management, and coordination of the event.
- **Divyang Bhavan Foundation**: Partnered in the organization of the event to ensure that the needs of disabled participants were addressed and that assistive technology solutions were effectively showcased.
- **NSS Students of Marathwada Mitra Mandal's Polytechnic**: Volunteers who played a critical role in helping the disabled attendees navigate the event and ensuring smooth operations.

NSS Student Participation: Under the guidance of NSS coordinator **Mr. J.D. Randive**, the NSS students were actively involved in the event, assisting with various roles and duties throughout the three days. Their contributions included:

- **Parking Duty**: Ensuring proper parking arrangements for attendees, particularly for those with mobility challenges.
- **Food Court Assistance**: Helping disabled individuals access the food court and ensuring that they had an enjoyable experience.
- **Discipline and Crowd Management**: Ensuring that the event ran smoothly by managing the crowd, maintaining discipline, and providing assistance as needed.
- **Attendance Tracking**: Managing volunteer attendance to ensure that all shifts were properly staffed.
- **Assisting Disabled Participants**: Providing physical assistance to the disabled attendees to navigate the event, whether it was helping them explore exhibits or guiding them to various activity areas.
- **Stage Backup**: Supporting event organizers during live programs, ensuring that the stage was prepared and ready for various performances.
- **Exhibition Assistance**: Accompanying disabled individuals to the assistive technology exhibitions, guiding them through the displays, and ensuring they could interact with the technology on display.
- **VIP Reception**: Assisting with the smooth entry of VIPs at the event, ensuring their comfort and ensuring proper protocol was followed.

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Key Highlights of the Event:

- **Exhibition of Assistive Technology**: The event featured a dedicated exhibition showcasing various assistive devices and technologies aimed at improving the lives of disabled individuals. Volunteers ensured that all attendees had the opportunity to engage with these technologies, ask questions, and experience them first-hand.
- **Recreational and Cultural Activities**: In addition to the technology exhibition, the event also included fun activities, cultural performances, and interactive sessions, providing entertainment and joy to the disabled participants.
- **VIP Participation**: On the final day, the event saw the participation of prominent dignitaries, including:
- **Governor of Maharashtra**: His Excellency **Governor of Maharashtra** addressed the audience, emphasizing the importance of creating inclusive spaces for disabled individuals and supporting assistive technology innovations.
- **MLA Shrirang Barne**: MLA **Shrirang Barne** also attended the event, expressing his support for initiatives that empower disabled individuals.
- **Padmashri Murlikant Petkar**: The presence of **Padmashri Murlikant Petkar**, a celebrated athlete and advocate for the disabled, added an inspirational element to the event.
- **PCMC Commissioner Shekhar Singh**: The PCMC Commissioner **Shekhar Singh** also participated in the event, praising the collaborative efforts of the organizing bodies and volunteers.
- **Cultural Performances, art Exhibitions, Stalls.**

Special Acknowledgments: The event was made possible thanks to the permission and support of:

- **Principal Mrs. G.S. Joshi** mam gives permission and encouragement allowed the NSS students to volunteer, making their participation in the event possible.
- The support and guidance provided by **Mr. S P Ghogare**, Head of the Department of General Science and Humanities, was integral in ensuring the students' involvement in the event.

Conclusion: Purple Jallosh 2025 was a highly successful and impactful event, highlighting the importance of accessibility and inclusivity for disabled individuals. The efforts of the NSS students from Marathwada Mitra Mandal's Polytechnic were invaluable in ensuring that the event was a

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smooth and enjoyable experience for all attendees. The active involvement of the volunteers, combined with the support from PCMC officials, Divyang Bhavan Foundation, and the presence of dignitaries, created a sense of unity and empowerment for the disabled community.

The event also provided an excellent opportunity for volunteers to learn more about assistive technologies and the challenges faced by disabled individuals. The success of Purple Jallosh 2025 is a testament to the power of community involvement in creating inclusive and accessible spaces for all.

Acknowledgments:

- **PCMC Officials** for their tireless efforts in coordinating the event.
- **Divyang Bhavan Foundation** for their dedication to the disabled community and for making assistive technology a focal point of the event.
- **Marathwada Mitra Mandal's College of Polytechnic** for providing such dedicated NSS volunteers under the leadership of **Mr. JD Randive**.
- **Principal Mrs. G.S. Joshi** mam and **Mr. S.P. Ghogare HOD** for their constant support and guidance.

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Date: 24/01/2026

Submitted:

Subject: Report on NSS Volunteering activity ***Pune Grand Tour Cyclothon 2K26*** with Pcmc Police **NSS Volunteers of Marathwada Mitra Mandal's Polytechnic. The details of the same are as follows:**

Date: January 23, 2026 **Time:** 09:30 a.m.- 04.30 p.m.

Organized By: Pune Grand Tour Cyclothon 2K26 **Number of Students: 227**

Location: Empire Estate Bridge to Kalewadi, Laxman Nagar (16 no), and Aundh Road

Introduction

The NSS Unit of M. M. Polytechnic actively participated in the Pune Grand Tour Cyclothon 2K26 with the objective of promoting social responsibility, discipline, and community service among students. The event was conducted in coordination with the Kalewadi, Sangvi, and Wakad Police Station teams.

Total of 227 NSS volunteers from M. M. Polytechnic enthusiastically took part in the volunteering activity. The volunteers were deployed at various points along the designated route to assist in traffic management, guide participants, and support police personnel for the smooth conduct of the Cyclothon.

The volunteering activity was successfully carried out with the cooperation of the Kalewadi, Sangvi, and Wakad Police Stations. The concerned police stations also made proper lunch arrangements for all volunteers, ensuring their welfare and comfort during the event.

M. M. POLYTECHNIC PUNE 411033 THERGAON

"वेचे बहुतांचे हित"	MARATHWADA MITRA MANDAL'S POLYTECHNIC, PIMPRI CHINCHWAD, PUNE-33	
	ACADEMIC YEAR: 2025-26	
	Doc. No.: WS-Rpt-03	Rev. No.: 01
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	Report on NSS Volunteering activity ***Pune Grand Tour Cyclothon 2K26*** with Pcmc Police **NSS Volunteers of Marathwada Mitra Mandal's Polytechnic**	

Guidance and Supervision

The NSS volunteers were continuously guided and supported by Mr. J. D. Randive, NSS Coordinator, and Mr. Shelke P. V. (Helping Staff) throughout the program. Additionally, Mr. Bhor T. G. and Mr. Chavan (Supervisor) were present at the event and provided valuable assistance, supervision, and timely guidance to the students.

Outcome of the Activity

The disciplined behavior, dedication, and teamwork displayed by the NSS volunteers significantly contributed to the successful execution of the Pune Grand Tour Cyclothon 2K26. The activity helped inculcate values of social service, responsibility, leadership, and cooperation among the students.

The NSS Unit of M. M. Polytechnic sincerely extends heartfelt thanks to all 227 NSS volunteers for their active participation, dedication, and excellent cooperation.

We also express our sincere gratitude to the Honorable **Principal Mrs. G.S. Joshi** Madam for granting permission and continuous support for organizing and participating in such a meaningful event.

Special thanks to the Kalewadi, Sangvi, and Wakad Police Station teams for their coordination and support.

Report Prepared by,
Mr. J.D. Randive,
NSS Coordinator,
M.M.Polytechnic.
Date: [23/01/2026]

M. M. POLYTECHNIC PUNE 411033 THERGAON

PRINCIPAL
Marathwada Mitra Mandal's Polytechnic
Thergaon, Pune-411 033

MARATHWADA MITRA MANDAL'S POLYTECHNIC, PIMPRI CHINCHWAD, PUNE-33	
ACADEMIC YEAR: 2025-26	
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"येथे बहुतांचे हित"

Report on NSS Volunteering activity *Pune Grand Tour Cyclothon 2K26* with Pcmc Police
NSS Volunteers of Marathwada Mitra Mandal's Polytechnic

M. M. POLYTECHNIC PUNE 411033.

Marathwada Mitra Mandal's Polytechnic
Sr. No. 4/17, Thergaon (Pimpri-Chinchwad), Pune– 411 033.
Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics Engineering | Artificial Intelligence & Machine Learning | Automation & Robotics
Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

NSS ACTIVITY DETAILS
INDEX

Sr. No	NSS Activity	Date	Report Y/N
	NSS ACITVITY: - 2024 - 2025		
1	Health check-up & Blood Donation Camp session with Gholap Blood Bank	20/03/2025	Y
2	Report on International Women's Day Celebration at M.M. Polytechnic	08/03/2025	Y
3	One Day Special Camp on Rally, Cleanliness Drive, Water Campaign, Tree Plantation, and at Shindgaon	22/02/2025	Y
4	Eye Donation Awareness session & Blood donation camp & with Akshay Blood Centre	27/02/2025	Y
5	Pcmc, Purple Jallosh- Divyang Mahotsav worked as a volunteer	17,18,19 Jan 2025	Y
6	Awareness Program on Cyber security, Social Responsibility and Community Safety with Collaboration of Kalewadi Police Station	07/01/2025	Y
	NSS ACITVITY: - 2023 - 2024		
7	NSS Volunteers' activity at Marathwada Mitra Mandal's Polytechnic, Thergaon, in Collaboration with Pcmc Election Officer & Team	14/11/2024	Y
8	NSS Volunteers' activity of Marathwada Mitra Mandal's Polytechnic as Police Mitra in Collaboration with Kalewadi Police Station on 19th &20th November24.	20/11/2024	Y
9	PNG Gillette Razor Guard grooming session for diploma students	14/11/2024	Y
10	Road Safety, Helmet awareness& Traffic rules Adherence	20/03/2024	Y
11	Special camp -Cleanliness drive, Tree Plantation, Save Water campaign at Darumbre	10/03/2024	Y
12	Cleanliness drive, Tree Plantation, at NGO- Gurukulam, Chinchwad	02/03/2024	Y
	NSS ACITVITY: - 2022- 2023		
13	Cleanliness drive, Clean City, Smart city Marathon on 25th Feb. 2024	25/02/2023	Y
14	Cleanliness drive, On the occasion of Gandhi Jayanti 01/10/2023	01/10/2023	Y
15	Tree Plantation Activity at M.M. Polytechnic garden	09/06/2023	Y
16	Tree Plantation & Cleanliness drive activity at M.M. Polytechnic garden	18/04/2023	Y

N.S.S. Program Officer
Marathwada Mitra Mandal's
Polytechnic, Thergaon, Pune.

9.6 Alumni Performance and Connect (10) — Total Marks 10.00

Institute Marks
10.00

Alumni Performance and Connect

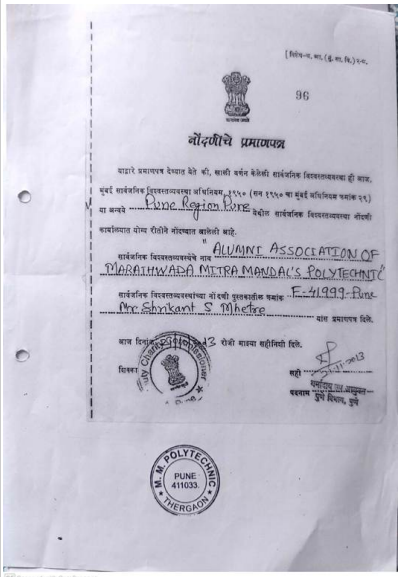
The Alumni association of Marathwada Mitra Mandal's Polytechnic has been established and all the alumni students are the members of it by paying Rs 500/- as lifetime membership fees. It helps to develop the institution and to encourage the students to be successful in their respective field.

1. Every Academic Year, a meeting is held to interact with alumni to share their views for the benefit of the Institution.
2. Improving the infrastructure of the institution after getting the feedback of alumni.
3. Involving alumni in giving lectures to our students in improving their attitude
4. Conducting workshop and training programs with distinguished alumni for Improving the knowledge of students in their respective fields.

Alumni Details:

No. of Alumni Registered Till Date : 1815

Alumni Association registration details



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नोंदणीचे प्रमाणपत्र

Pune Region Pune

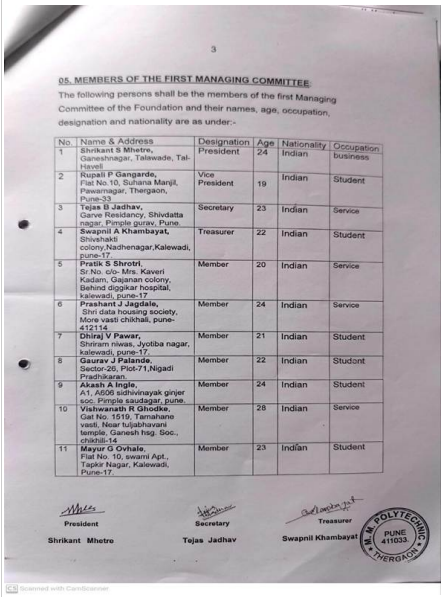
"ALUMNI ASSOCIATION OF MARATHWADA MITRA MANDAL'S POLYTECHNIC"

F-41999-Pune

Mr. Shrikant S. Mhetre

M.M. POLYTECHNIC PUNE 411033 THERGAON

Members of the first alumni association



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05. MEMBERS OF THE FIRST MANAGING COMMITTEE:

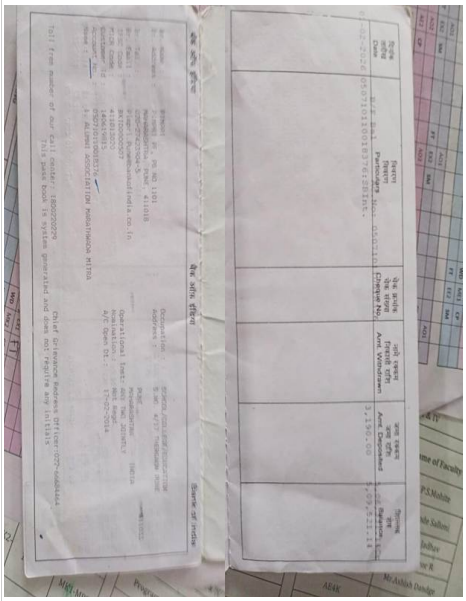
The following persons shall be the members of the first Managing Committee of the Foundation and their names, age, occupation, designation and nationality are as under:-

No.	Name & Address	Designation	Age	Nationality	Occupation
1	**Shrikant S Mhetre,** Ganeshnagar, Talewade, Tal-Haveli	President	24	Indian	business
2	**Rupali P Gangarde,** Flat No.10, Suhana Manjil, Pawarnagar, Thergaon, Pune-33	Vice President	19	Indian	Student
3	**Tejas B Jadhav,** Ganve Residancy, Shivdatta nagar, Pimple gurav, Pune.	Secretary	23	Indian	Service
4	**Swapnil A Khambayat,** Shivshakti colony,Nadhenagar,Kalewadi, pune-17.	Treasurer	22	Indian	Student
5	**Pratik S Shrotri,** Sr.No. c/o- Mrs. Kaveri Kadam, Gajanan colony, Behind diggikar hospital, kalewadi, pune-17	Member	20	Indian	Service
6	**Prashant J Jagdale,** Shri data housing society, More vasti chikhali, pune-412114.	Member	24	Indian	Service
7	**Dhiraj V Pawar,** Shriram niwas, Jyotiba nagar, kalewadi, pune-17.	Member	21	Indian	Student
8	**Gaurav J Palande,** Sector-26, Plot-71,Nigadi Pradhikaran.	Member	22	Indian	Studont
9	**Akash A Ingle,** A1, A606 sidhivinayak ginjer soc. Pimple saudagar, pune.	Member	24	Indian	Student
10	**Vishwanath R Ghodke,** Gat No. 1519, Tamahane vasti, Near tuljabhavani temple, Ganesh hsg. Soc., chikhli-14	Member	28	Indian	Service
11	**Mayur G Ovhale,** Flat No. 10, swami Apt., Tapkir Nagar, Kalewadi, Pune-17.	Member	23	Indian	Student

President Shrikant Mhetre | Secretary Tejas Jadhav | Treasurer Swapnil Khambayat

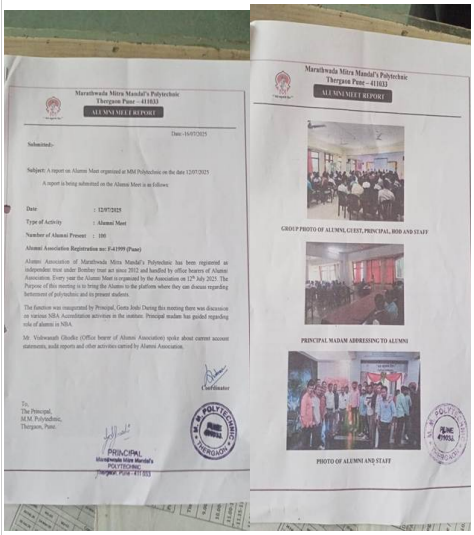
M.M. POLYTECHNIC PUNE 411033 THERGAON

Bank details of Alumni Association



Engagement Activities

- Guest lectures, webinars, and industry talks by alumni


Marathwada Mitra Mandal's Polytechnic
Thergaon Pune – 411033
ALUMNI MEET REPORT

Date:-16/07/2025

Submitted:-

Subject: A report on Alumni Meet organized at MM Polytechnic on the date 12/07/2025

A report is being submitted on the Alumni Meet is as follows:

Date : 12/07/2025
Type of Activity : Alumni Meet
Number of Alumni Present : 100
Alumni Association Registration no: F-41999 (Pune)

Alumni Association of Marathwada Mitra Mandal's Polytechnic has been registered as independent trust under Bombay trust act since 2012 and handled by office bearers of Alumni Association. Every year the Alumni Meet is organized by the Association on 12th July 2025. The Purpose of this meeting is to bring the Alumni to the platform where they can discuss regarding betterment of polytechnic and its present students.

The function was inaugurated by Principal, Geeta Joshi During this meeting there was discussion on various NBA Accreditation activities in the institute. Principal madam has guided regarding role of alumni in NBA.

Mr. Vishwanath Ghadke (Office bearer of Alumni Association) spoke about current account statements, audit reports and other activities carried by Alumni Association.

Coordinator

To,
The Principal,
M.M. Polytechnic,
Thergaon, Pune.

PRINCIPAL
Marathwada Mitra Mandal's
POLYTECHNIC
Thergaon, Pune - 411 033

Marathwada Mitra Mandal's Polytechnic
Thergaon Pune – 411033
ALUMNI MEET REPORT

GROUP PHOTO OF ALUMNI, GUEST, PRINCIPAL, HOD AND STAFF

PRINCIPAL MADAM ADDRESSING TO ALUMNI

PHOTO OF ALUMNI AND STAFF

Annexure I
(A) PROGRAM OUTCOME (POs)

1. **Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
2. **Problem analysis:** Identify and analyse well-defined engineering problems using codified standard methods.
3. **Design/ development of solutions :** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
4. **Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
5. **Engineering practices for society, sustainability and environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.
6. **Project Management:** Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
7. **Life-long learning:** Ability to analyse individual needs and engage in updating in the context of technological changes.

(B) PROGRAM SPECIFIC OUTCOME (PSOs)

PSO1	Maintenance of equipment & Instruments: Maintenance of equipment & Instruments related to Mechanical Engineering
PSO2	Modern Software Usage: Use knowledge of simple design ,drafting ,manufacturing, Maintenance & documentation in latest Mechanical engineering related software's.

Declaration

The head of the institution needs to make a declaration as per the format given -

- I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines inforce as on date and the institutes hall fully abide by them.
- It is submitted that information provided in this Self Assessment Report is factually correct.
- I understand and agree that an appropriate disciplinary action against the Institute willbe initiated by the NBA. In case, any false statement/information is observed during pre-visit, visit, postvisit and subsequent to grant of accreditation.

Head of the Institute
Name : Geeta Shantanu Joshi
Designation : Principal
Signature :

Seal of The Institution :

Place : Pune
Date : 23-05-2026 14:39:59