

Electrical Engineering

PART B: Criteria Summary

Criteria No.	Criteria	Total Marks	Institute Marks
1	VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES	50	48.00
2	PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES	200	194.00
3	COURSE OUTCOMES AND PROGRAM OUTCOMES	100	100.00
4	STUDENTS' PERFORMANCE	200	120.96
5	FACULTY INFORMATION AND CONTRIBUTIONS	150	140.17
6	FACILITIES AND TECHNICAL SUPPORT	100	98.00
7	CONTINUOUS IMPROVEMENT	75	73.00
8	STUDENT SUPPORT SYSTEMS	50	50.00
9	GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	75	75.00
Total		1000	899

Part B

1 VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (50)

Total Marks 48.00

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

Total Marks 5.00

		Institute Marks								
		5.00								
<p>Vision of the institute</p> <p>Mission of the institute</p> <p>Vision of the Department</p> <p>Mission of the Department</p>	<p>To nurture proficient technicians with sound ethical and social values contributing towards the welfare of masses.</p> <p>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</p> <p>To empower the students in the field of electrical engineering to fulfill the industrial and social needs with their skills and values.</p> <table border="1"> <thead> <tr> <th>Mission No.</th> <th>Mission Statements</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>To inculcate technical and analytical skills for their continuous growth.</td> </tr> <tr> <td>M2</td> <td>To develop Electrical Engineers of high repute with professional ethics.</td> </tr> <tr> <td>M3</td> <td>To motivate the students to be entrepreneurs and to accept the challenges to provide solution for social needs.</td> </tr> </tbody> </table>	Mission No.	Mission Statements	M1	To inculcate technical and analytical skills for their continuous growth.	M2	To develop Electrical Engineers of high repute with professional ethics.	M3	To motivate the students to be entrepreneurs and to accept the challenges to provide solution for social needs.	
Mission No.	Mission Statements									
M1	To inculcate technical and analytical skills for their continuous growth.									
M2	To develop Electrical Engineers of high repute with professional ethics.									
M3	To motivate the students to be entrepreneurs and to accept the challenges to provide solution for social needs.									

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

Total Marks 5.00

		Institute Marks
		5.00
<p>PEO No.</p> <p>PEO1</p> <p>PEO2</p> <p>PEO3</p>	<p>Program Educational Objectives Statements</p> <p>Provide socially responsible, environment friendly solutions to Electrical engineering related broad-based problems adapting professional ethics.</p> <p>Adapt state-of-the-art Electrical engineering broad-based technologies to work in multi-disciplinary work environments.</p> <p>Solve broad-based problems individually and as a team member communicating effectively in the world of work.</p>	

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

Total Marks 10.00

		Institute Marks
		10.00

A. Publication and Dissemination of Vision, Mission, and PEOs

The dissemination of the Vision, Mission, and Program Educational Objectives (PEOs) is carried out through multiple channels to ensure maximum visibility and accessibility. By displaying these statements in diverse locations and formats, the institute guarantees that students, faculty, alumni, industry partners, and the wider community remain consistently informed and actively engaged with its academic philosophy.

Table 1.1 outlines the various modes of publication and dissemination of the Vision, Mission, and PEOs, along with the internal and external stakeholders who benefit from them.

Table 1.1 Publication and dissemination of the Vision, Mission, and PEOs

Sr. No.	Location	Mode of Publication	Dissemination Method
01	Website Dept. Page	https://mmpolytechnic.edu.in/electrical-engineering/	Referenced by students, faculty, alumni
02	HOD Chamber	Printed posters	Shared during meetings & visitor interactions
03	Department Laboratories	Printed posters	Daily visibility for students & staff
04	Class Room	Printed posters	Daily visibility for students & staff

Sr. No.	Location	Mode of Publication	Dissemination Method
05	Notice Boards	Printed posters	Daily visibility for students & staff

List of Stakeholder:

- Internal Stakeholder: Teaching Staff, Non- Teaching Staff, Present Students.
- External Stakeholder: Parents, Alumni, Employers, Industry.

I.4 State the process for defining the Vision and Mission of the Department, and PEOs of the program (15)

Total Marks 14.00

Institute Marks

14.00

I.4 State the process for defining the Vision and Mission of the Department, and PEOs of the program

I.4.1 Process of establishing Vision & Mission:

Step 1: Form the Core Team

The Principal and the Heads of Departments (HODs) form a core team of faculty members to carry out the process.

Step 2: Define Alignment

The core team ensures that the department's Vision and Mission are aligned with and support the overall Vision and Mission of the institution.

Step 3: Gather Input and Feedback

The core team collects suggestions and feedback from various stakeholders, including:

- Students
- Alumni
- Feedback from parent meetings
- Guest lecturers and resource persons
- Industry experts during industrial visits
- Visiting delegates from institutes

The team also considers important aspects such as:

- Changing technologies
- Professional skills
- Course knowledge
- Ethics and values
- Entrepreneurship skills

In addition, the expectations of the Maharashtra State Board of Technical Education (MSBTE), aligned with global industrial and academic requirements, are also considered.

Step 4: Faculty Brainstorming

The department conducts a brainstorming session with all teaching faculty members to discuss the collected suggestions and ideas.

Step 5: Prepare the First Draft

Based on the brainstorming session and collected inputs, the core team prepares the first draft of the Vision and Mission statements.

Step 6: Review and Revision by IQAC

The draft is submitted to the Internal Quality Assurance Cell (IQAC) for review, suggestions, and recommendations. The core team revises the draft by incorporating the suggestions provided by IQAC.

Step 7: Final Governing Body Review

The Vision and Mission statements are submitted to the Governing Body for final approval.

- If Approved (YES):
The process proceeds to finalization and dissemination.
- If Not Approved (NO):
The process returns to the core team for revision. The team incorporates the suggestions and repeats Steps 3 to 7 until approval is obtained.

Step 8: Finalization and Dissemination

Once approved, the Vision and Mission statements are finalized and disseminated to all stakeholders.

Step 9: Revision of Vision and Mission (Every 5 Years)

After the finalization and dissemination of the Vision and Mission, feedback is collected from all stakeholders at an interval of every 5 years. The mapping of PEOs with the Mission Statement is reviewed based on the feedback received from internal and external stakeholders.

- If Revision is Needed (YES):
The process returns to Step 3 (Gather Input and Feedback), and the revision process is repeated.
- If Revision is Not Needed (NO):
The existing Vision and Mission statements continue without any changes.

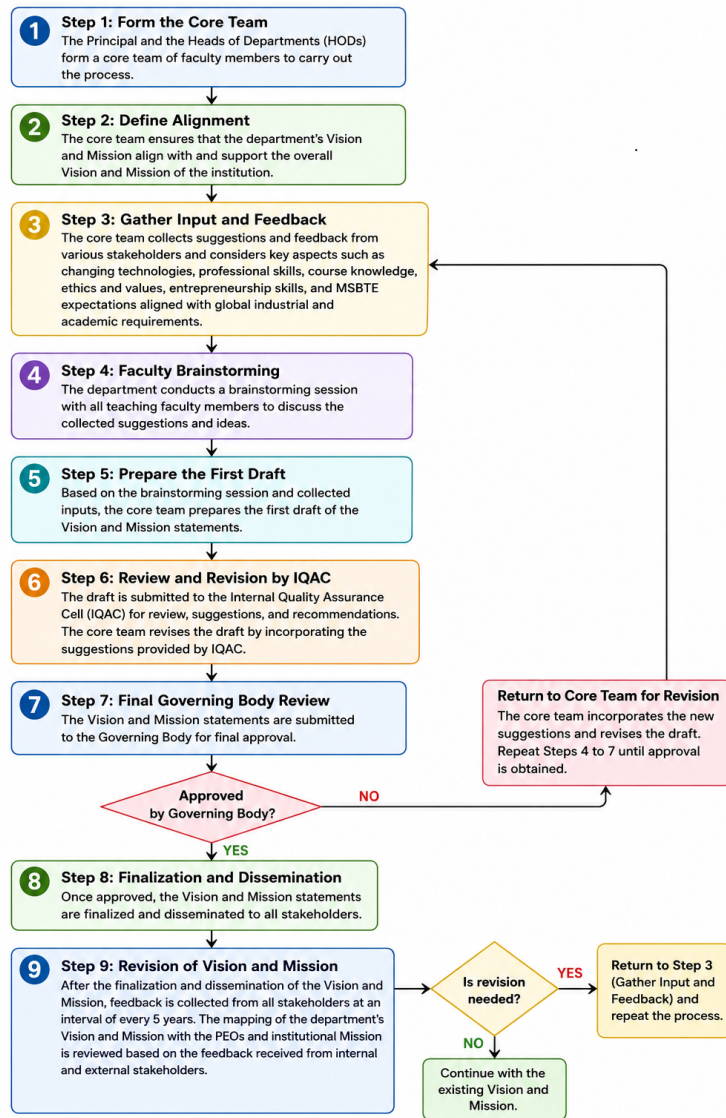


Fig. 1.4.1 Process Flow Chart of Vision Mission of Electrical Department

1.4.2 Process of establishing PEOs of the program

Step 1: Institute Vision and Mission

The process begins with the Vision and Mission of the Institute. These statements serve as the foundation for developing the Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs). The institute's vision reflects its long-term goals and aspirations, while the mission defines its commitment toward quality education, skill development, ethics, and overall student growth. The department ensures that all further activities are aligned with these institutional objectives.

Step 2: Program Vision and Mission

Based on the Institute Vision and Mission, the department establishes the Vision and Mission of the specific Program or Department. While framing the program vision and mission, the department considers:

- MSBTE curriculum requirements
- NBA graduate attributes
- Current industrial trends and technological advancements
- Academic and professional expectations
- Skill development requirements for students

The Program Vision and Mission are designed to support the institute's goals while addressing the needs of industry, society, and higher education.

Step 3: Formation of Two-Member Committee and Stakeholder Input Collection

A Two-Member Committee is formed to gather opinions, suggestions, and feedback from various stakeholders for defining the PEOs and PSOs. The committee collects inputs from the following stakeholders:
Faculty Members

Suggestions and recommendations are collected through:

- Program Assessment Committee (PAC) (twice in Year meeting)
- Department Advisory Board (DAB) (once in year meeting)

Faculty members provide inputs related to:

- Curriculum effectiveness
- Technical competency
- Graduate attributes
- Industry readiness
- Emerging technologies

Parents

Feedback from parents is collected during Parents' Meetings. Parents provide suggestions regarding:

- Student development
- Communication skills
- Professional behavior
- Career expectations

Alumni

Alumni feedback is gathered during alumni interactions and visits. Alumni share their experiences regarding:

- Relevance of the curriculum
- Achievement of educational objectives
- Industry expectations

- Required professional skills

Industry Experts and TPO

Inputs are collected from:

- Industry experts
- Visiting resource persons
- Training and Placement Officer (TPO)

The feedback focuses on:

- Current industrial requirements
- Employability skills
- Technical competencies
- Entrepreneurship and innovation
- Placement expectations

After collecting all stakeholder opinions, the committee analyzes the information and prepares a draft report for the formulation of PEOs and PSOs.

Step 4: Submission of Report to Program Assessment Committee (PAC)

The draft report prepared by the committee is submitted to the Program Assessment Committee (PAC).
During the PAC meeting:

- The report is discussed in detail
- Suggestions and recommendations are reviewed
- Necessary modifications are proposed
- Initial approval is provided

The PAC ensures that the proposed PEOs and PSOs are aligned with academic standards, institutional goals, and industry requirements.

Step 5: Submission to Internal Quality Assurance Cell (IQAC)

After incorporating the suggestions of the PAC, the revised report is submitted to the Internal Quality Assurance Cell (IQAC) for final review and approval.

The IQAC examines:

Quality standards:

- Outcome-based education requirements
- Alignment with institutional policies
- Relevance to stakeholders' expectations

Feedback and Revision Loop

If the IQAC recommends any changes or modifications:

- The report is sent back to the Two-Member Committee
- Necessary corrections and improvements are incorporated
- The revised report is again submitted for review

This process continues until the report receives final approval.

Step 6: Finalization and Dissemination of PEOs and PSOs

Once approved by the IQAC, the PEO and PSO statements are finalized and officially adopted by the department. The finalized statements are then disseminated to all stakeholders through various platforms such as:

- Department notice boards
- Institute website
- Laboratory manuals
- Course files
- Student induction programs
- Faculty meetings
- Alumni and parent interactions

Step 7: Revision of PEOs and PSOs

After the finalization and dissemination of PEOs and PSOs, feedback is collected from all stakeholders at an interval of every 5 years. The mapping of PEOs with the Mission Statement is reviewed based on the feedback received from internal and external stakeholders.

If any suggestions are received for changes in the PEO statements, then the PEOs are revised by following the process again from Step 1. If no suggestions are received, or if the current statements are found satisfactory, then the existing PEOs will continue without any changes.

This ensures that all stakeholders are aware of the Program Educational Objectives and Program Specific Outcomes of the department.

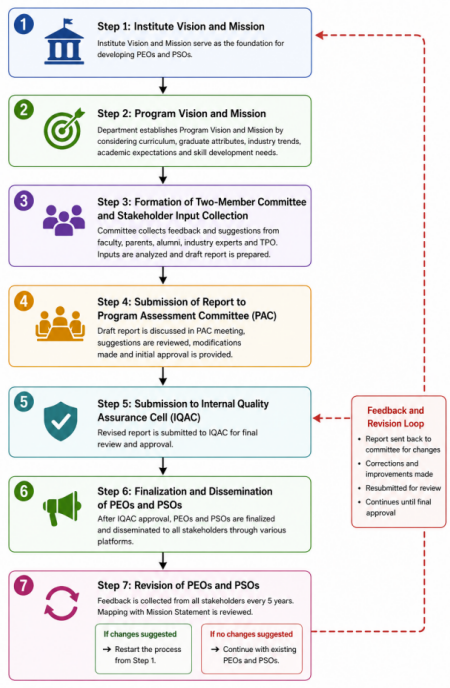


Fig. 1.4.2 Process Flow Chart of PEO & PSO

1.5 Establish Consistency of PEOs with Mission of the Department (15)	Total Marks 14.00
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	Institute Marks
	14.00

Table 1.3 Justification of PEOs and elements of Mission statement

PEOs	M1-To indicate technical and analytical skills for their continuous growth.	M2-To develop Electrical Engineers of high repute with professional ethics.	M3-To motivate the students to be entrepreneurs and to accept the challenges to provide solution for social needs.	Justification
PEO1- Provide socially responsible, environment friendly solutions to Electrical engineering related broad-based problems adapting professional ethics.	3	3	3	<ul style="list-style-type: none"> The departments mission strongly emphasizes technical skills, professional ethics, and societal problem-solving (M1, M2, M3). This directly supports the development of socially responsible and ethical engineering practices. Furthermore, cultivating analytical skills ensures that a diploma holder can effectively address broad-based electrical engineering challenges while remaining environmentally conscious.
PEO2: Adapt state-of-the-art Electrical engineering broad-based technologies to work in multi-disciplinary work environments.	3	3	1	<ul style="list-style-type: none"> Developing core technical skills (M1) and professional ethics (M2) directly empowers students to adopt state-of-the-art electrical technologies and adapt to multidisciplinary team environments. Meanwhile, encouraging entrepreneurship to meet social needs (M3) provides moderate alignment as it builds workplace adaptability but has a less direct focus on advanced technologies.
PEO3-Solve broad-based problems individually and as a team member communicating effectively in the world of work.	3	2	3	<ul style="list-style-type: none"> Technical and analytical skills (M1) directly enable individual and team based problem-solving. Additionally, the focus on entrepreneurship and addressing societal needs (M3) strongly promotes real-world communication, leadership, and collaborative skills. And (M2) Professional ethics support effective teamwork and professional workplace behavior, contributing indirectly to core communication and technical problem-solving.

PEO Statements	M1	M2	M3
Provide socially responsible, environment friendly solutions to Electrical engineering related broad-based problems adapting professional ethics.	3	3	3
Adapt state-of-the-art Electrical engineering broad-based technologies to work in multi-disciplinary work environments.	3	2	1
Solve broad-based problems individually and as a team member communicating effectively in the world of work.	3	2	3

2 PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (200)	Total Marks 194.00
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2.1 Program Curriculum (40)

All POs and PSOs are being demonstrably met through Curriculum ? :

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
	21.00

A. Process used to identify extent of compliance of curriculum for attaining POs & PSOs (15)	Institute Marks
	13.00

The department follows an Outcome Based Education (OBE) system to identify the extent of curriculum compliance in attaining Program Outcomes (POs) and Program Specific Outcomes (PSOs). The process includes systematic mapping, assessment, attainment calculation, gap analysis, and corrective actions to ensure continuous improvement.

- CO-PO/PSO Mapping:** Course Outcomes (COs) of each course are mapped with relevant POs and PSOs using defined correlation levels (3-High, 2-Medium, 1-Low).
- Assessment of CO Attainment:** CO attainment is measured through direct assessment tools including internal and external assessments.
- Internal Assessment Components:** Includes class tests, laboratory work, self-learning assessments, and microprojects (30% weightage).
- External Assessment Components:** Includes practical and theory end-semester examinations (70% weightage).
- Calculation of PO/PSO Attainment:** Attained CO levels are aggregated through CO-PO and CO-PSO mappings to compute overall PO and PSO attainment levels.
- Comparison with Target Values:** The attained levels of COs, POs, and PSOs are compared with predefined target values to identify compliance levels.
- Gap Analysis:** Any deficiency or gap identified in attainment is analyzed systematically to determine areas requiring improvement.
- Corrective Measures:** Based on gap analysis, improvement actions such as add-on courses, value-added programs, guest lectures, industrial visits, internships, workshops, and supplementary learning activities are implemented.
- Periodic Review:** PO and PSO attainment levels are reviewed every semester to monitor continuous progress.
- Continuous Improvement:** Corrective actions and attainment reviews are discussed in departmental meetings to enhance curriculum effectiveness and strengthen attainment of desired outcomes.

B. List the curricular gaps for the attainment of POs & PSOs (10)	Institute Marks
	8.00

Gap Identification Process:

The course coordinator conducts a thorough study of the assigned course.

Departmental course coordinators engage in discussions on a common platform.

Deliberations are held on the interlinking and integration among different courses.

Suggestions from alumni, inputs from subject experts, guest lecture resource persons, and remarks shared by industry representatives during visits are carefully considered.

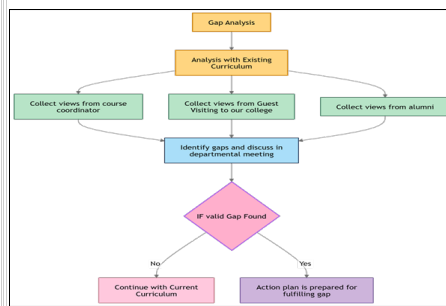


Fig.2.1- Gap Identification Process

Based on curriculum review, stakeholder feedback, and attainment data, the following curricular gaps have been identified which impact the effective attainment of Program Outcomes (POs) and Program Specific Outcomes (PSOs)

A. Current Industry Practices:

After completion of diploma in Electrical engineering program students mostly preferred to work in industry. There are some Advanced processes, Equipment with latest Technologies, even though there are many processes, automation, environmental policies that students should know to achieve the program outcomes.

B. Integration of Emerging Technologies:

Updating the curriculum to include emerging technologies, aligning with POs emphasizing technological advancements and PSOs related to cutting-edge applications such as Smart Grid, Electrical Design using Softwares , Modern Switchgears etc.

C. Personality Development:

Personality is the most important virtue of an engineer. Though some aspects of personality development are covered in subjects such as Professional practices, Behavioral sciences, other essential skills such as stress management, interview techniques, importance of team work etc. are covered by inviting experts in respective fields.

2.1.2 Contents beyond the Syllabus (15)

Institute Marks

13.00

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

Institute Marks

2.00

- The curriculum of MSBTE is revised after every 5 years.
- In I-scheme curriculum, Batteries are not included in Fundamental of Electrical Engineering syllabus , showing gap under "Integration of Emerging Technologies".
- For K-scheme curriculum development process, feedback from departmental faculties were given to MSBTE.
- Now, for K-scheme curriculum Batteries are added in Fundamental of Electrical Engineering syllabus.
- Similarly in I-scheme curriculum, coding part was not included in Industrial Automation syllabus, now for K-scheme it is added.

B. Delivery details of content beyond syllabus (10)

Institute Marks

8.00

Based on the curriculum gaps identified, the department conducted various activities beyond the prescribed syllabus to enhance students' technical competency, industry exposure, employability skills, and personality development. These activities included industrial visits, guest lectures, and training programs delivered through expert interaction, field exposure, and skill-based learning approaches. The details are as follows:

Sr. No.	Gap Identified	Contents / Activity Beyond Syllabus	Delivery Details	Resource Person / Organization	Beneficiaries	Relevance to POs and PSOs
1	Current Industry Practices	Industrial Visit to "132/220 KV Substation" for understanding practical operation of power transmission and distribution systems	Industrial Visit conducted on 16/09/2025	Mr. Dhakane Sir, Assistant Engineer, MSETCL.	43	PO2, PO3, PO4, PO7
2	Current Industry Practices	Industrial Visit to "Railway LOCO Trip Shed Pune" to study maintenance and operation of electric locomotives	Industrial Visit conducted on 20/02/2026	Mr. Pratik Jain, Divisional Manager	51	PO2, PO3, PO4, PO7
3	Integration of Emerging Technologies	Guest Lecture on "Industry 4.0" covering automation, IoT, smart manufacturing, and industrial digitalization	Expert Lecture conducted on 17/02/2026	Mr. Dnyaneshwar Sarvade, Business Developer & Industrial Automation Specialist	43	PO1, PO2, PO4, PO7
4	Personality Development	Guest Lecture on "Understanding Emotions and Building Resilience" for mental wellness and emotional intelligence	Interactive Session conducted on 11/02/2026	Mrs. Dhanashri Ghare, Counsellor, M M Trust	58	PO6, PO7
5	Personality Development	Guest Lecture on "Career Goals" for career planning, motivation, and self-development	Motivational Session conducted on 13/02/2026	Mr. Aditya Shinde Sir, Principal, Garukol, Nagdi	51	PO6, PO7
6	Employability and Job Readiness	Training Program on "Employability & Job Readiness" including communication skills, interview techniques, teamwork, and professional ethics	Training Program conducted from 07/02/2026 to 09/02/2026	Naandi Foundation (Mahindra & Mahindra Group CSR)	12	PO1, PO5, PO6, PO7

Table: 2.1- Delivery details of content beyond syllabus

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	Current Industry	Industrial Visit to	16/09/2025	Mr. Dhakane Sir, Assistant I	Offline	43	PO1,PO2,PO3,PO
2	Current Industry	Industrial Visit to	20/02/2026	Mr. Pratik Jain, Divisional M	Offline	51	PO1,PO2,PO3,PO
3	Integration of Em	Guest Lecture on	17/02/2026	Mr. Dnyaneshwar Sarvade,	Offline	43	PO1,PO2,PO3,PO
4	Personality Devel	Guest Lecture on	11/02/2026	Mrs. Dhanashri Ghare, Cou	Offline	58	PO1,PO2,PO3,PO
5	Personality Devel	Guest Lecture on	13/02/2026	Mr. Aditya Shinde Sir, Princi	Offline	51	PO1,PO2,PO3,PO
6	Personality Devel	Training Program	07/02/2026	Naandi Foundation (Mahin	Offline	12	PO1,PO2,PO3,PO

2024-25

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	Mode	No. of students present	Relevance to POs, PSOs
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1	Current Industry	Guest Lecture on	22/02/2025	Mr. Parag Ashok Ghodake,	Offline	44	PO1,PO2,PO3,PO
2	Integration of Err	Industrial Visit at	30/09/2024	Mr. Ashish Sadhale, Trainer	Offline	85	PO1,PO2,PO3,PO
3	Personality Devel	Career Guid	02/09/2025	Mrs. Deepthi Deshpande, Tr	Offline	40	PO1,PO2,PO3,PO

2023-24

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	Mode	No. of students present	Relevance to POs, PSOs
1	Current Industry	Industrial visit to	07/10/2023	Mr Sagar Mohite, Secretary	Offline	54	PO1,PO2,PO3,PO
2	Integration of Err	Industrial visit at	20/01/2024	Mr Bhosale, Asst. engineer,	Offline	25	PO1,PO2,PO3,PO
3	Personality Devel	A expert session	15/02/2024	Mrs. Dhanashi Ghare, Cou	Offline	48	PO1,PO2,PO3,PO

2.2 Teaching - Learning Process (169)

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

Institute Marks

25.00

A. Adherence to Academic Calendar (3)


Institute Marks

3.00

The institute adheres to the academic calendar prescribed by the Maharashtra State Board of Technical Education to ensure systematic planning and effective execution of academic activities.

The MSBTE Academic Calendar provides the overall framework, which includes:

- Academic term (odd/even semester) start and end dates
- Class test schedule
- Examination form filling and confirmation schedule
- Practical and theory examination schedule
- Tentative result declaration



MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION
(Autonomous)
47, Thane Gate, Chhatrapati Shivaji Maharaj Vastu Sangrahalaya, Mumbai-400 005.
Tel. No. - 022-26242626
www.msbtete.org

MSBTE Academic Calendar 2023-24
Date: 22 MAY 2023

A.Y. 2023-26 Academic Calendar

1. Academic Schedule for Semester Pattern Programme

S.N.	Activities	Yearly Pattern (1st Year)	Yearly Pattern (2nd Year)	Even Semester (2nd Year)
1	Academic Term	01 May - 31 October, 2023	01 May - 31 October, 2024	15 December, 2023 - 30 April, 2024
2	First Class Test	11 - 13 August, 2023	08 - 10 September, 2023	27 - 29 January, 2024
3	Second Class Test	11 - 13 October, 2023	13 - 15 October, 2023	30 March - 01 April, 2024

2. Academic schedule for Yearly Pattern Programme

S.N.	Activities	Yearly Pattern (1st Year)	Yearly Pattern (2nd Year)	Yearly Pattern (3rd Year)
1	Academic Term	01 May, 2023 - 31 April, 2024	01 May, 2024 - 31 April, 2025	01 May, 2025 - 31 April, 2026
2	First Class Test	11 - 13 October, 2023	08 - 10 September, 2024	11 - 13 October, 2025
3	Second Class Test	11 - 13 October, 2023	13 - 15 October, 2023	11 - 13 October, 2024
4	Third Class Test	Not Applicable	Not Applicable	27 - 29 March, 2024

3. Examination Form Filling & Confirmation Schedule

S.N.	Activities	Filling Examination forms (Normal Form)	Filling Examination forms (With Late Fee (Rs. 200))	Filling Examination forms (With Exam form fee + Late Fee (Rs. 200))
1	Candidate Fill	01 - 10 September, 2023	11 - 15 September, 2023	17 - 18 September, 2023
2	Institute Fill & Confirmation	01 - 12 September, 2023	13 - 16 September, 2023	17 - 19 September, 2023
3	IBTE confirmation	18 - 22 September, 2023		

Last date for IBTE confirmation of filled exam form is 22nd September, 2023 upto 5:00 PM

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B) Summer 2024 Examination Form Filling & Confirmation Schedule

S.N.	Activities	Filling Examination forms (Normal Form)	Filling Examination forms (With Exam form fee + Late Fee (Rs. 200))	Filling Examination forms (With Exam form fee + Late Fee (Rs. 200))
1	Candidate Fill	02 - 12 February, 2024	14 - 15 February, 2024	17 - 19 February, 2024
2	Institute Fill & Confirmation	02 - 13 February, 2024	14 - 16 February, 2024	17 - 19 February, 2024
3	IBTE confirmation		18 - 23 February, 2024	

Last date for IBTE confirmation of filled exam form is 23rd February, 2024 upto 5:00 PM

3. Examination Schedule

S.N.	Activities	Winter 2023 Examination Exam schedule	Summer 2024 Examination Examination Schedule
1	Practical Exam	28 October - 06 November, 2023	8 - 14 April, 2024
2	Theory Exam	11 November - 3 December, 2023	27 April - 14 May, 2024
3	Declaration Month	2 nd Week of January, 2024 (Tentatively)	2 nd Week of June, 2024 (Tentatively)

Start of Academic Year 2024-25 from 01st July, 2024

Notes:

- Institute have to take measures to conduct additional instructional days for academic activities if needed.
- Institute have to conduct additional instructional days to complete the curriculum of 1st semester if 1st Year (Even semester) Year additional students.
- All type of fees & penalties shall be deposited to regional office of the Board or per candidate according to respective Bill (i.e. MSBTE).
- All Practical & Term work shall be completed with continuous assessment on per candidate before the start of exam.
- In unusual circumstances, the necessary amendment to the schedule of any activity will be notified through separate circular to MSBTE web portal.
- The enrollment of the candidate shall remain provisional till the approval of merit list of selected student from Regional Area Director of Technical Education.

(Dr. S. S. Nagarkar)
Secretary
M. S. Board of Technical Education, Mumbai

Copy to:


1. Hon. Director, MSBTE, Mumbai - for information.
2. Dy. Secretary, CTK, MSBTE, Mumbai - for information.
3. Dy. Secretary, MSBTE Regional Offices, Mumbai, Pune, Nagpur, Chh. Sangli/Jayprabha for necessary action.
4. Joint Officer D-40, D-42 & D-43 MSBTE, Mumbai - for necessary action.
5. Joint Manager, MSBTE, Mumbai to display on the website.

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Fig 2.2- Academic calendar MSBTE 2025-26

Based on this, the Institute Academic Calendar is prepared by the Head of Institute in consultation with Head of Departments and Academic coordinator. It includes:

- Teaching schedule and Internal assessments
- Course file audit and internal academic monitoring
- MSBTE result analysis
- Institutional extra curricular events.
- Activities of committees like Student Grievance, Anti Ragging Committee
- Parent-Teacher Meetings



Marathwada Mitra Mandals' Polytechnic
Pimpri Chinchwad Pune - 411003

Institute calendar 2024-25 (Even Semester)

	January 2024	February 2024	March 2024	April 2024	May 2024
Monday	1	1	1	1	1
Tuesday	2	2	2	2	2
Wednesday	3	3	3	3	3
Thursday	4	4	4	4	4
Friday	5	5	5	5	5
Saturday	6	6	6	6	6
Sunday	7	7	7	7	7
Monday	8	8	8	8	8
Tuesday	9	9	9	9	9
Wednesday	10	10	10	10	10
Thursday	11	11	11	11	11
Friday	12	12	12	12	12
Saturday	13	13	13	13	13
Sunday	14	14	14	14	14
Monday	15	15	15	15	15
Tuesday	16	16	16	16	16
Wednesday	17	17	17	17	17
Thursday	18	18	18	18	18
Friday	19	19	19	19	19
Saturday	20	20	20	20	20
Sunday	21	21	21	21	21
Monday	22	22	22	22	22
Tuesday	23	23	23	23	23
Wednesday	24	24	24	24	24
Thursday	25	25	25	25	25
Friday	26	26	26	26	26
Saturday	27	27	27	27	27
Sunday	28	28	28	28	28
Monday	29	29	29	29	29
Tuesday	30	30	30	30	30
Wednesday	31	31	31	31	31

Page 1 of 2

Fig 2.3- Institute Academic Calendar.

Electrical department prepares its Departmental Academic Calendar, which includes:

- Departmental Meeting
- Workshops, guest lectures, and seminars
- Industrial visits
- Planning of Co-curricular, extracurricular activities, and departmental events.

Marathwada Mitra Mandals Polytechnic
Pimpri Chinchwad Pune - 411033

Electrical Engineering Dept. Academic Calendar 2023-24 (Odd Semester)

Sl. No.	Item	Start	End	Activity	Center	Location	Remarks
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31
32	32	32	32	32	32	32	32
33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34
35	35	35	35	35	35	35	35
36	36	36	36	36	36	36	36
37	37	37	37	37	37	37	37
38	38	38	38	38	38	38	38
39	39	39	39	39	39	39	39
40	40	40	40	40	40	40	40
41	41	41	41	41	41	41	41
42	42	42	42	42	42	42	42
43	43	43	43	43	43	43	43
44	44	44	44	44	44	44	44
45	45	45	45	45	45	45	45
46	46	46	46	46	46	46	46
47	47	47	47	47	47	47	47
48	48	48	48	48	48	48	48
49	49	49	49	49	49	49	49
50	50	50	50	50	50	50	50

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Pimpri, Pune-411 033.

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Pimpri, Pune-411 033.

AL
M. V. K. Kadam
M.M. Polytechnic
Pimpri, Pune-411 033.

Fig. 2.4- Departmental Academic Calendar

All calendars are communicated to students and staff at the beginning of the semester through notice boards and digital platforms.

Implementation is monitored by the Head of Institute and Head of Department through regular academic reviews and audits. Deviations are addressed through corrective actions such as extra classes and rescheduling.

The alignment of MSBTE, Institute, and Departmental academic calendars ensures systematic planning, effective implementation, continuous monitoring, and overall improvement in the quality of the teaching-learning process.

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

Institute Marks
3.00

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.

- Instructional Planning includes:**
- Preparation of teaching and practical plans based on respective course curriculum.
 - Development of course files including teaching plans, study materials, and assessment schemes.
 - Planning of academic activities based on the academic calendar for timely completion of the curriculum.

For AICTE Eligible Courses
MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION
TEACHING PLAN (TP)

Sl. No.	CO	LO	Topic/Units	Plan	Actual Execution	Remarks
1	1	1.1	Network Reduction Methods for DC Circuits	Prepared	10/10/23	White Board
2	1	1.2	Max Power Transfer Theorem	Prepared	10/10/23	White Board
3	1	1.3	Superposition Theorem	Prepared	10/10/23	White Board
4	1	1.4	Thevenin's Theorem	Prepared	10/10/23	White Board
5	1	1.5	Norton's Theorem	Prepared	10/10/23	White Board
6	1	1.6	Reciprocity Theorem	Prepared	10/10/23	White Board
7	1	1.7	Millman's Theorem	Prepared	10/10/23	White Board
8	1	1.8	Delta-Wye Conversion	Prepared	10/10/23	White Board
9	1	1.9	Star-Delta Conversion	Prepared	10/10/23	White Board
10	1	1.10	Wye-Delta Conversion	Prepared	10/10/23	White Board
11	1	1.11	Delta-Delta Conversion	Prepared	10/10/23	White Board
12	1	1.12	Star-Star Conversion	Prepared	10/10/23	White Board
13	1	1.13	Wye-Wye Conversion	Prepared	10/10/23	White Board
14	1	1.14	Delta-Delta Conversion	Prepared	10/10/23	White Board
15	1	1.15	Star-Star Conversion	Prepared	10/10/23	White Board
16	1	1.16	Wye-Wye Conversion	Prepared	10/10/23	White Board
17	1	1.17	Delta-Delta Conversion	Prepared	10/10/23	White Board
18	1	1.18	Star-Star Conversion	Prepared	10/10/23	White Board
19	1	1.19	Wye-Wye Conversion	Prepared	10/10/23	White Board
20	1	1.20	Delta-Delta Conversion	Prepared	10/10/23	White Board
21	1	1.21	Star-Star Conversion	Prepared	10/10/23	White Board
22	1	1.22	Wye-Wye Conversion	Prepared	10/10/23	White Board
23	1	1.23	Delta-Delta Conversion	Prepared	10/10/23	White Board
24	1	1.24	Star-Star Conversion	Prepared	10/10/23	White Board
25	1	1.25	Wye-Wye Conversion	Prepared	10/10/23	White Board
26	1	1.26	Delta-Delta Conversion	Prepared	10/10/23	White Board
27	1	1.27	Star-Star Conversion	Prepared	10/10/23	White Board
28	1	1.28	Wye-Wye Conversion	Prepared	10/10/23	White Board
29	1	1.29	Delta-Delta Conversion	Prepared	10/10/23	White Board
30	1	1.30	Star-Star Conversion	Prepared	10/10/23	White Board
31	1	1.31	Wye-Wye Conversion	Prepared	10/10/23	White Board
32	1	1.32	Delta-Delta Conversion	Prepared	10/10/23	White Board
33	1	1.33	Star-Star Conversion	Prepared	10/10/23	White Board
34	1	1.34	Wye-Wye Conversion	Prepared	10/10/23	White Board
35	1	1.35	Delta-Delta Conversion	Prepared	10/10/23	White Board
36	1	1.36	Star-Star Conversion	Prepared	10/10/23	White Board
37	1	1.37	Wye-Wye Conversion	Prepared	10/10/23	White Board
38	1	1.38	Delta-Delta Conversion	Prepared	10/10/23	White Board
39	1	1.39	Star-Star Conversion	Prepared	10/10/23	White Board
40	1	1.40	Wye-Wye Conversion	Prepared	10/10/23	White Board
41	1	1.41	Delta-Delta Conversion	Prepared	10/10/23	White Board
42	1	1.42	Star-Star Conversion	Prepared	10/10/23	White Board
43	1	1.43	Wye-Wye Conversion	Prepared	10/10/23	White Board
44	1	1.44	Delta-Delta Conversion	Prepared	10/10/23	White Board
45	1	1.45	Star-Star Conversion	Prepared	10/10/23	White Board
46	1	1.46	Wye-Wye Conversion	Prepared	10/10/23	White Board
47	1	1.47	Delta-Delta Conversion	Prepared	10/10/23	White Board
48	1	1.48	Star-Star Conversion	Prepared	10/10/23	White Board
49	1	1.49	Wye-Wye Conversion	Prepared	10/10/23	White Board
50	1	1.50	Delta-Delta Conversion	Prepared	10/10/23	White Board

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Fig. 2.5- Teaching Plan

For AICTE Eligible Courses
MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION
TEACHING PLAN (TP)

Sl. No.	CO	LO	Topic/Units	Plan	Actual Execution	Remarks
1	1	1.1	Network Reduction Methods for DC Circuits	Prepared	10/10/23	White Board
2	1	1.2	Max Power Transfer Theorem	Prepared	10/10/23	White Board
3	1	1.3	Superposition Theorem	Prepared	10/10/23	White Board
4	1	1.4	Thevenin's Theorem	Prepared	10/10/23	White Board
5	1	1.5	Norton's Theorem	Prepared	10/10/23	White Board
6	1	1.6	Reciprocity Theorem	Prepared	10/10/23	White Board
7	1	1.7	Millman's Theorem	Prepared	10/10/23	White Board
8	1	1.8	Delta-Wye Conversion	Prepared	10/10/23	White Board
9	1	1.9	Star-Delta Conversion	Prepared	10/10/23	White Board
10	1	1.10	Wye-Delta Conversion	Prepared	10/10/23	White Board
11	1	1.11	Delta-Delta Conversion	Prepared	10/10/23	White Board
12	1	1.12	Star-Star Conversion	Prepared	10/10/23	White Board
13	1	1.13	Wye-Wye Conversion	Prepared	10/10/23	White Board
14	1	1.14	Delta-Delta Conversion	Prepared	10/10/23	White Board
15	1	1.15	Star-Star Conversion	Prepared	10/10/23	White Board
16	1	1.16	Wye-Wye Conversion	Prepared	10/10/23	White Board
17	1	1.17	Delta-Delta Conversion	Prepared	10/10/23	White Board
18	1	1.18	Star-Star Conversion	Prepared	10/10/23	White Board
19	1	1.19	Wye-Wye Conversion	Prepared	10/10/23	White Board
20	1	1.20	Delta-Delta Conversion	Prepared	10/10/23	White Board
21	1	1.21	Star-Star Conversion	Prepared	10/10/23	White Board
22	1	1.22	Wye-Wye Conversion	Prepared	10/10/23	White Board
23	1	1.23	Delta-Delta Conversion	Prepared	10/10/23	White Board
24	1	1.24	Star-Star Conversion	Prepared	10/10/23	White Board
25	1	1.25	Wye-Wye Conversion	Prepared	10/10/23	White Board
26	1	1.26	Delta-Delta Conversion	Prepared	10/10/23	White Board
27	1	1.27	Star-Star Conversion	Prepared	10/10/23	White Board
28	1	1.28	Wye-Wye Conversion	Prepared	10/10/23	White Board
29	1	1.29	Delta-Delta Conversion	Prepared	10/10/23	White Board
30	1	1.30	Star-Star Conversion	Prepared	10/10/23	White Board
31	1	1.31	Wye-Wye Conversion	Prepared	10/10/23	White Board
32	1	1.32	Delta-Delta Conversion	Prepared	10/10/23	White Board
33	1	1.33	Star-Star Conversion	Prepared	10/10/23	White Board
34	1	1.34	Wye-Wye Conversion	Prepared	10/10/23	White Board
35	1	1.35	Delta-Delta Conversion	Prepared	10/10/23	White Board
36	1	1.36	Star-Star Conversion	Prepared	10/10/23	White Board
37	1	1.37	Wye-Wye Conversion	Prepared	10/10/23	White Board
38	1	1.38	Delta-Delta Conversion	Prepared	10/10/23	White Board
39	1	1.39	Star-Star Conversion	Prepared	10/10/23	White Board
40	1	1.40	Wye-Wye Conversion	Prepared	10/10/23	White Board
41	1	1.41	Delta-Delta Conversion	Prepared	10/10/23	White Board
42	1	1.42	Star-Star Conversion	Prepared	10/10/23	White Board
43	1	1.43	Wye-Wye Conversion	Prepared	10/10/23	White Board
44	1	1.44	Delta-Delta Conversion	Prepared	10/10/23	White Board
45	1	1.45	Star-Star Conversion	Prepared	10/10/23	White Board
46	1	1.46	Wye-Wye Conversion	Prepared	10/10/23	White Board
47	1	1.47	Delta-Delta Conversion	Prepared	10/10/23	White Board
48	1	1.48	Star-Star Conversion	Prepared	10/10/23	White Board
49	1	1.49	Wye-Wye Conversion	Prepared	10/10/23	White Board
50	1	1.50	Delta-Delta Conversion	Prepared	10/10/23	White Board

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Fig. 2.6- Practical Plan

MARATHIWADA MITRA MANDAL'S POLYTECHNIC, PIMPRI-CHINCHWAD, PUNE-33	
COURSE FILE	
Doc. No.: AMC-Course File-411	Rev. No.: 01
PAGE 1 of 1	Rev. Dt: 23/03/2021
INDEX	
ACADEMIC YEAR- 2025-26	
PROGRAM- Electrical Engineering	
<ol style="list-style-type: none"> 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 required) 	

Fig. 2.7- Course File Index

Instructional Delivery Methods:

Traditional Teaching Methods

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

ICT-Enabled Teaching

- Use of:
 - PowerPoint presentations
 - Video lectures and animations
 - Smart classrooms and projectors
- Online resources and e-content are shared with students



Fig. 2.8- Use of Smart Classrooms

Experiential Learning

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

Problem-Based and Project-Based Learning

- Real-life problem solving assignments
- Industry-oriented projects
- Design and development activities

Monitoring and Evaluation

- Regular review of teaching methods through:
 - HOD observations
 - Academic audits
 - Student feedback
- Effectiveness is measured through:
 - Student performance
 - Pass percentage and results analysis

Continuous Improvement Measures

- Incorporation of feedback into teaching practices
- Faculty development programs (FDPs)
- Adoption of innovative pedagogies
- Updating teaching aids and learning resources

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:

Remedial classes

Simplified notes and extra practice sessions

Personal mentoring




MARATHWADA MITRA MANDAL'S POLYTECHNIC, PIMPRI CHINCHWAD, PUNE-3	
Academic Year: 2023-24	
Doc. No./Notice	Doc. No. 01
Page	Doc. Dt. 10/03/2023
Department of Electrical Engineering	
Date: 17/10/2023	
 Notice 	
<p>All Second Year students having EGE (212309) and FEE (212310) backlog, are hereby informed that their Remedial Course is scheduled from Tuesday, 26/10/2023 to Friday, 29/10/2023 after your regular schedule, as per time table attached. All are instructed to practice with given study material during holidays.</p> <p>All W-25 exams are arming, this is for your result improvement purposes, so be on time.</p>	
 HOD Electrical Department M. M. Polytechnic, Pimpri-Chinchwad, Pune-411 033.	 Principal Marathwada Mitra Mandal's POLYTECHNIC, Pimpri - 411 033 

Fig. 2.9- Notice for Remedial Course




MARATHWADA MITRA MANDAL'S POLYTECHNIC, THERGAON					
REMEDIAL COURSE RECORD					
Program: ELECTRICAL ENGINEERING		Semester: SECOND			
Sr. No	Remedial Course Required Subject	No of weak students	Faculty coordinator	Results of W-25 Exam	Remarks
1	Elements of Electronics (212309)	12	Ms. Palli S.P.	12/12 Passed	
2	Fundamental of Electrical Engineering (212310)	13	Mrs. Nimbar D.K.	10/13 Passed	
 HOD Electrical Department M. M. Polytechnic, Pimpri-Chinchwad, Pune-411 033.		 Principal Marathwada Mitra Mandal's POLYTECHNIC, Theragaon, Pune-411 033 			

Fig. 2.10- Result of Remedial courses

Identification of Bright Student:

Students are identified as bright based on:

- Performance in unit tests / Pre requisite tests (Above 75%)
- Consistent academic performance
- Active classroom participation
- Punctuality in given task are identified as bright students

Encourage Bright Students: -

Additional assignments, Certification Courses for Extra gaining in particular course
 Participation in competitions and technical events
 Exposure to advanced topics and certifications



Fig. 2.11- Bright student achievements

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

CAY (2025-26)

Sr.No.	Date	Type of Activity and Details	Organizing Body/ Conducted by Level			Name's and Enroll No. of the Participants	Award/ Prize	Relevance To Pos and PEO
			Institute	MSBTE	Any Other			
1	10/02/2026	Paper Presentation	Government Polytechnic, Karad	MSBTE	--	1.MISHRA RISHIKESH ASHOK 23212280307 2.YADAV KRUTIKA DINESH 23212280344	Participation	PO1, PO3, PO6, PO7
2	14/02/2026	Project Competition	MKSS'S cummins College of Engineering For Women,Pune	--	DIPEX	1.MISHRA RISHIKESH ASHOK 23212280307 2.SHINDE PRAVIN SUBHASHRAO 23212280330 3.YADAV KRUTIKA DINESH 23212280344	Participation	PO1, PO2, PO5, PO6, PO7, PEO1, PEO2
3	16/02/2026	Paper Presentation	Siddhant College Of Engineering Diploma	--	MTC Industries	1.POWAR SARVESH LAXMAN 23212280316	First Prize	PO1, PO2, PO5, PO6, PO7, PEO1, PEO2

						2.SURASE NIKHIL DEVIDAS 23212280334		
						3.UMALE SANKET BABANRAO 24212280764		
4	16/02/2026	Paper Presentation	Siddhant College Of Engineering Diploma	--	MTC Industries	1.DARADE SARANG YASHWANT 23212280294 2.OMKAR JALINDAR BIOSALE 23212280309	Second Prize	PO1, PO2, PO5, PO6, PO7, PEO1, PEO2
5	14/03/2026	NatGen 2K26- Project Competition	M.M. Polytechnic	--	--	1.MISHRA RISHIKESH ASHOK 23212280307 2.SHINDE PRAVIN SUBHASHRAO 23212280330 3.YADAV KRUTIKA DINESH 23212280344	Second Prize	PO1, PO2, PO5, PO6, PO7, PEO1, PEO2

Table: 2.2- Bright student achievements

D. Quality of classroom teaching (3)

Institute Marks

3.00

Introduction:

The course is delivered primarily through lectures supplemented with interactive discussions, ensuring effective attainment of defined Course Outcomes (COs).

Faculty adopt a variety of instructional methods and educational tools to enhance student learning, including:

- **Chalk and Talk** – Use of green board and chalk for concept explanation.
- **PowerPoint Presentations (PPTs)** – Structured visual delivery of course content.
- **Educational Videos** – Screening of subject-related resources from platforms such as NPTEL.
- **Assignments** – Practice through important questions to reinforce understanding.
- **Question Banks** – Chapter-wise compilation of questions for exam preparation and self-study.
- **Questions - Answers** - Before starting next part of syllabus, question-answer session is taken by faculty by previously covered points.
- **Peer Learning**- Students are encouraged for peer learning to support their own understanding.
- **Mind Game**- For remembering short definitions, lists etc.

Faculty are encouraged to attend FDPs, workshops to continuously improve classroom teaching quality and effectiveness.

E. Conduct of experiments (3)

Institute Marks

3.00

Laboratory courses are designed to ensure structured attainment of practical skills and course outcomes.

- Faculty Laboratory Proficiency:** Before the semester begins, faculty members perform all laboratory experiments. This hands-on involvement ensures faculty possess the skills to conduct experiments effectively and verifies that all equipment functions correctly to provide a safe learning environment.
- Opportunities for Individual and Group Work:** The laboratory plan facilitates both individual and collaborative learning. Students work independently to foster autonomy and in small groups to promote teamwork, ensuring a well-rounded skill set.
- Explanation of Objectives:** Before each session, faculty explain the objectives and significance of the experiment. This helps students understand the core concepts they will be learning.
- Construction and Operation Explanation:** Faculty explain the construction and operation of specific machines and equipment. This helps students understand the mechanics and logic behind how the equipment functions.
- Multiple Readings and Repetition:** Students are encouraged to take multiple readings and repeat procedures. This iterative process helps develop proficiency in executing laboratory tasks.
- Assignment of Activities:** Faculty assign specific activities to each group based on the manual. This ensures all aspects of the topic are covered and understood.
- Reference to Guidelines:** Faculty follow lab manual guidelines to ensure experiments are conducted accurately and safely, maintaining standardized procedures.
- Aspects in the Conduct of Experiment in laboratory:** Effective laboratory teaching requires several components. Faculty must identify industry-relevant skills, such as technical ability and problem-solving. They must communicate objectives, procedures, and expected outcomes clearly. Explaining the practical significance and real-world relevance of the experiment is essential. Experiments must align with curriculum goals and program outcomes. Documentation should include necessary resources, step-by-step procedures, and safety protocols. Finally, providing reflection questions and clear assessment criteria ensures learning objectives are met.
- Instruction Awareness:** Students are informed of the instructions in the lab manual. Clear communication ensures procedures are followed correctly and safely.
- Motivation through Activities:** Faculty conduct activities related to both theory and practice. This keeps students engaged and demonstrates the application of their knowledge.
- Performance and Observation:** Faculty ensure students perform the manual activities and tabulate their observations. This hands-on approach reinforces the understanding of experimental outcomes.
- Planning and execution in 2 hr time duration:** Conducting sessions within a two-hour limit requires careful organization. Both teachers and students follow a structured approach to ensure maximum productivity during the allotted time.

Sr. No	Duration	Activity
1	10 min	Filling conduction report & issue required equipment for conduction
2	20 min	Explanation about PO relevance competency and skills, Minimum theoretical background and experimental set-up
3	60 min	Actual Performance in groups and recording experimental results
4	30 min	Oral and Assessment of previously completed experiment

Table:2.3- Execution of practicals in 2 hr time duration



Fig: 2.12- Students performing experiments in Laboratory

Impact Analysis

- Improved results in laboratory examinations.
- Enhanced analytical abilities of students, leading to better placement opportunities.

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 and application of knowledge in laboratory

Practical performed by students are continuously assessed in the laboratory based on the proper understanding of the concept, skill and the overall affective domain developed by the students. The marks allocated are as per the Learning Assessment scheme of the course.

Fig. 2.13 Formative Assessment of Practical

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 students in knowledge and skill. The Summative Assessment of Practical is a critical component of the overall evaluation process, designed to assess a student's ability to apply theoretical knowledge in a hands-on environment. It provides a comprehensive confirmation of the learner's skills, competencies, and understanding acquired throughout the semester during practical sessions

The marks are allocated as per the Learning Assessment scheme of the course

The assessment is done on the basis of process related/Preparation & Making (15 Marks/60%) and product related/ Understanding (10 Marks/40%)

The assessment is done on involvement in performing the experiment and understanding of the experiment through viva.

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

Institute Marks
6.00

- o The feedback is collected twice in the semester. The first feedback is taken after a few weeks after the commencement of semester, second feedback is collected at the end of the semester.
- o Second feedback is help to understand the effect of action taken if any
- o Following points are considered while taking feedback:
 - o Coverage of syllabus
 - o Covering relevant topics beyond the syllabus
 - o Effectiveness in terms of technical contents / course contents
 - o Effectiveness in terms of communication skills
 - o Effectiveness in terms of Teaching aids
 - o Motivation and inspiration for students to learn in self-learning mode
 - o Support for development of student skills: Practical Performance
 - o Support for development of student skills: Project and Seminar
 - o preparation
 - o Feedback provided on student progress
 - o Punctuality and discipline
 - o Domain Knowledge
 - o Interaction with students
 - o Ability to resolve difficulties
 - o Encourage to participate in cocurricular activities
 - o Encourage to participate in Extracurricular activities
 - o Guidance during Internship

Fig. 2.14- Student Feedback

MARATHWADA MITRA MANDAL'S POLYTECHNIC, THERGAON						
Department of Electrical Engineering						
Staffwise Feedback Analysis Sheet						
Academic Year: 2025-2026						
Class: First Year Electrical Engineering (Feedback: K)						
Sr. No.	Subject	Name of Staff	TOTAL MARKS	OUT OF MARKS	PERCENTAGE	Sign
1	BMS	Mrs. Keshavn S. B.	932	1000	93.2	
2	EM	Mrs. Dhanashree S. B.	932	1000	93.2	
3	ETD	Mrs. Mahata S. S.	941	1000	94.1	
4	CEEM	Mrs. Nandini A. B.	908	1000	90.8	
5	ET	Mrs. S.P. Patil	860	1000	86.0	
6	YAM	Mrs. Anurag S. B.	907	1000	90.7	
7	ETP	Mrs. Pooja Prasad	917	1000	91.7	
8	ETD	Mrs. Anurag S. B.	917	1000	91.7	
TOTAL NO OF RESPONSES - 8						

MARATHWADA MITRA MANDAL'S POLYTECHNIC, THERGAON						
Department of Electrical Engineering						
Staffwise Feedback Analysis Sheet						
Academic Year: 2025-2026						
Class: Second Year Electrical Engineering (Feedback: K)						
Sr. No.	Subject	Name of Staff	TOTAL MARKS	OUT OF MARKS	PERCENTAGE	Sign
1	EM	Mrs. D. K. Srinivasar	1225	1275	95.08	
2	EM	Mrs. A. P. Nataraj	1185	1275	92.94	
3	ETD	Mrs. S. C. Sathar	1219	1275	95.61	
4	ETP	Mrs. S.P. Patil	1208	1275	94.75	
5	ETD	Mrs. S. C. Sathar	1165	1275	91.37	
6	ETD	Mrs. Pooja Prasad	1201	1275	94.20	
TOTAL NO OF RESPONSES - 6						

MARATHWADA MITRA MANDAL'S POLYTECHNIC, THERGAON						
Department of Electrical Engineering						
Staffwise Feedback Analysis Sheet						
Academic Year: 2025-2026						
Class: Third Year Electrical Engineering (Feedback: K)						
Sr. No.	Subject	Name of Staff	TOTAL MARKS	OUT OF MARKS	PERCENTAGE	Sign
1	EM	Mrs. S. C. Sathar	890	950	93.58	
2	ETP	Mrs. S. C. Sathar	830	950	87.37	
3	ETD	Mrs. A. P. Nataraj	894	950	94.11	
4	EM	Mrs. S. C. Sathar	861	950	90.63	
5	ETP	Mrs. S. C. Sathar	858	950	91.37	
6	ETD	Mrs. S. C. Sathar	875	950	92.21	
TOTAL NO OF RESPONSES - 6						

Fig. 2.15- Feedback Analysis

Feedback Analysis and Reporting:

The coordinator systematically collects and analyses student feedback to evaluate teaching effectiveness. A feedback analysis report is prepared and submitted to the Head of Department (HOD) for corrective actions. The feedback form consists of five rating options — Excellent, Very Good, Good, Average, and Satisfactory — with each parameter assessed on a 1 to 5 scale. This structured process ensures transparency, identifies strengths and areas for improvement, and supports continuous enhancement of teaching-learning quality.

Action Taken: The HOD decides the plan of action. The corrective action taken on faculties those have poor performance (Below 75%) on basis of feedback analysis. The effectiveness of corrective actions taken reflects in next cycle of feedback system. Also appreciation is done to whose performance is Excellent (Above 85%).

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

Institute Marks
15.00

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

Institute Marks
5.00

- As per the MSBTE academic calendar, the Examination Department issues the notice for the class test time table and preparation of question paper.

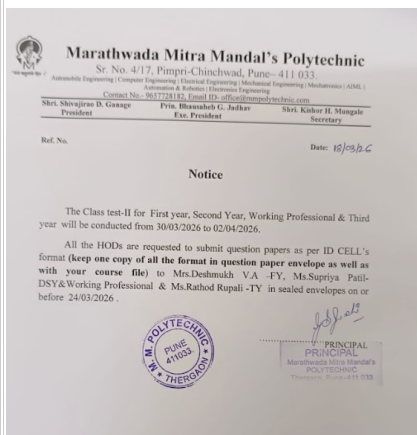


Fig. 2.16- Notice for question Paper

Marathwada Mitra Mandal's Polytechnic, Pimpri-Chinchwad Pune-33							
ACADEMIC YEAR (2025-2026)				Rev No.01			
Doc No.- Exam-TT-CT-08		Page No 01 of 01		Rev Date:- 30/12/2021			
EXAM- Class Test- II (Summer) (Term II)							
Program: AE / ME / MK/CO/EE				Semester- VI			
Sr No.	Date	Time	AE	ME	MK	CO	EE
1	30/03/2026	9.15am-10.45 am	MANAGEMENT (315301)MAN	MANAGEMENT (315301)MAN	MANAGEMENT (315301)MAN	MANAGEMENT (315301)MAN	MANAGEMENT (315301)MAN
2	30/03/2026	12.45pm-2.15pm	AUTOMOBILE COMPONENT DESIGN (316346)ACD	DESIGN OF MACHINE ELEMENTS (316357)DME	AUTOMOTIVE MECHATRONICS (316351)AMK	EMERGING TRENDS IN COMPUTER ENGINEERING AND INFORMATION TECHNOLOGY (316313)EIT	ENERGY CONSERVATION AND AUDIT (316327)ECA
3	01/04/2026	9.15am-10.45 am	AUTOMOBILE HYDRAULIC AND PNEUMATIC CONTROL SYSTEMS (316347)HPC	INDUSTRIAL ENGINEERING AND QUALITY CONTROL (316362)IEQ	PLC PROGRAMMING AND SCADA (316352)PPS	SOFTWARE TESTING (316314)SFT	EMERGING TRENDS IN ELECTRICAL ENGINEERING (316326)EETA
4	01/04/2026	12.45pm-2.15pm		INDUSTRIAL HYDRAULICS AND PNEUMATICS (316363)IHP	MICRO-ELECTRO MECHANICAL SYSTEM (316353)MMS		MAINTENANCE OF ELECTRICAL EQUIPMENTS (316328)MEE
5	02/04/2026	9.15am-10.45 am	AUTOTRONICS (316350)AUT	ALTERNATIVE ENERGY SOURCES AND ENERGY MANAGEMENT (316364)AEM	SMART MANUFACTURING SYSTEMS (316356)SMS	MACHINE LEARNING (316316)MAL	INDUSTRIAL AUTOMATION (316329)EIA

Fig. 2.17- Exam Time table

- The **Head of Department (HOD)** issues a formal notice for moderation.
- This ensures transparency and compliance with academic standards.

Fig: Moderation Order

- The **Course Coordinator** initiates the process of question paper setting.
- 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**
 - 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

MARATHWADA MITRAMANDAL'S POLYTECHNIC, THERGAON, PUNE-33							
Academic Year: 2025-2026							
QUESTION PAPER PROFILE (JCT-I)				Program Code: FE			
Program Name: Electrical Engineering				Semester: Second			
Course: Fundamental Of Electrical Engg				Time: 11.00am - 12.30pm			
Marks: 20				Duration: 90 Minutes			
Unit No.	Syllabus Marks	Class test Weightage	Class test Weightage X1.5	Q1	Q2	Total	
1	12	10	14	08	06	14	
2	14	14	20	06	12	20	
3	06	06	09	04	06	10	
Total	42	30	44	20	24	44	
CRITERIA WISE MARK DISTRIBUTION							
Unit NO	Class Test weightage X 1.5	Remember	Understand	Apply & Above	Total		
		20%	37%	37%			
		12	16	16			
1	14	4	4	6	14		
2	20	4	6	10	20		
3	10	4	6	0	10		
Total	44	12	16	16	44		

Fig: 2.18- Question Paper Profile

- The Moderator reviews the question paper to confirm:
 - Proper **mapping with Course Outcomes (COs)**.
 - Compliance with **Bloom's Taxonomy levels**.
- 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 paper is deemed **unsatisfactory** and returned for revision.
- The Moderator may provide **remarks and suggestions for improvement**.
- The process is repeated until:
 - Full compliance** is achieved.
 - The evaluation score is **above 80%**.
- Once moderation is completed, the **revised question paper** is submitted to the HOD

MARATHWADA MITRA MANDAL'S POLYTECHNIC,
THERGAON, PUNE-33
CLASS TEST FORMAT

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

CLASS TEST PAPER EVALUATION SHEET

Program Name: Electrical Engg Program Code: EE2K
Semester: 2nd Course: EEE Course Code: 312310

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 (Bloom's 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					9/24

NOTE: 1. If the evaluation is less than 60% then the quality of the paper is not acceptable, hence revise the paper and resubmit.
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 you may expect remarks if any.
4. This evaluation sheet is not applicable to multiple choice question paper.

Expert Remark (if any):
Q. 2 - C : scope of answer is not in accordance with allotted marks, need to change.

Signature: [Signature]
Expert Name: Mr. Nimbalkar D.K.

MARATHWADA MITRA MANDAL'S POLYTECHNIC,
THERGAON, PUNE-33
CLASS TEST FORMAT

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

CLASS TEST PAPER EVALUATION SHEET

Program Name: Electrical Engg Program Code: EE2K
Semester: 2nd Course: EEE Course Code: 312310

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 (Bloom's 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					9/24

NOTE: 1. If the evaluation is less than 60% then the quality of the paper is not acceptable, hence revise the paper and resubmit.
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 you may expect remarks if any.
4. This evaluation sheet is not applicable to multiple choice question paper.

Expert Remark (if any):
9/24 = 37.5% ✓ Revised.
Signature: [Signature]
Expert Name: Nimbalkar D.K.

Fig: 2.19 - Moderation Record

- The HOD conducts a **final verification** to ensure:
 - i. Alignment with **academic standards**.
 - ii. Adherence to **institutional and regulatory guidelines**.
- Only after HOD approval is the **question paper considered final** for examination use.

Course code: 312310

Roll No. _____

MARATHWADA MITRAMANDAL'S POLYTECHNIC,
THERGAON, PUNE-33
Academic Year 2022-2026

Class Test-I

Program Name: Electrical Engineering
Semester: Second
Course: Fundamental Of Electrical Engg.
Marks: 30

Program Code: EE
Date: 06/02/2026
Time: 11.00am - 12.30pm
Duration: 90 Minutes

Instructions:

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

Q.1) Attempt any **THREE** of the following 12 Marks

- Define Resistance & Resistivity with its SI unit. (CO1)
- Explain Heating Effect of Electric Current. (CO1)
- Define Node & Loop. (CO2)
- Find the current flowing through 5 resistor using KVL. (CO2)

Q.2) Attempt any **THREE** of the following. 18 Marks

- Compare Alternating Current & Direct Current with four points. (CO1)
- Find the equivalent resistance between terminal A & B shown in Fig. given below. (CO2)

c. State & Explain Kirchhoff's Voltage Law with neat sketch. (CO2)
d. Describe Working of capacitor with neat sketch. (CO3)

.....Best of Luck.....

Fig: 2.20 - Question Paper

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

Institute Marks

5.00

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

Class Test-I

Program Name: Electrical Engineering Program Code: EE
Semester: Second Date: 06/02/2026
Course: Fundamental Of Electrical Engg. Time: 11.00am - 12.30pm
Marks: 30 Duration: 90 Minutes

The student will be able to:

- EE2K04.1 Distinguish various parameters used in electric circuit
- EE2K04.2 Use basic laws of electrical engineering in D.C. Circuits
- EE2K04.3 Use capacitor and battery in electrical circuits.
- EE2K04.4 Use principles of magnetism in Magnetic Circuits.
- EE2K04.5 Apply Laws of electromagnetism in electrical circuit and system

Question No.	Sub-Question	Unit/Topic	Marks	Level	COs
1	a	I	4	L1	EE2K04.1
	b	I	4	L2	EE2K04.1
	c	II	4	L1	EE2K04.2
	d	II	4	L3	EE2K04.2
	e	III	4	L1	EE2K04.3
2	a	I	6	L3	EE2K04.1
	b	II	6	L3	EE2K04.2
	c	II	6	L2	EE2K04.2
	d	III	6	L2	EE2K04.3

CO's	EE2K04.1	EE2K04.2	EE2K04.3	EE2K04.4	EE2K04.5
	14	20	10		

Course Coordinator
Pb. P. S. Padi
HOD
M. V. Kadam

Fig. 2.21 - Course Outcomes in Class tests Paper

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

The course outcomes are systematically mapped with internal assessment tools such as class tests, mid-term examinations, and assignments. Each CO is assessed through multiple evaluation methods ensuring adequate coverage and reliability. The question papers are designed to cover different cognitive levels and ensure balanced CO attainment as per MSBTE guidelines.

Assessment Tool	CO1	CO2	CO3	CO4	CO5
Class Test 1	✓	✓	✓		
Class Test 2			✓	✓	✓
Unit Test	✓	✓	✓	✓	✓
Assignment 1	✓				
Assignment 2		✓			
Assignment 3			✓		
Assignment 4				✓	
Assignment 5					✓

Table: 2.4 - Details of CO coverage

Course code: 314325

Roll No.

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

Unitwise Test-III

Program Name: Electrical Engineering Program Code: EE-4K
Course: Electrical Estimating & Contracting Date: 13/02/2026
Unit Name: Industrial Installations Time: 03.15 pm - 04.15 pm
Marks: 20 Duration: 1 Hour

- Instructions:**
9. All questions are compulsory
 10. Illustrate your answers with neat sketches whenever necessary
 11. Figures to the right indicates full marks
 12. Assume suitable data if necessary
- Q.1) Attempt the following (CO3) 20 Marks**
1. Compare residential and Industrial Installation on any four points. (4M)
 2. Classify industrial installation based on Fire Safety. (4M)
 3. Draw and label wiring diagram of 3-ph Induction Motor connected to supply with Star-Delta starter. (6M)
 4. State the sequence to be followed to prepare an estimate of the factory unit. (6M)
-Best of Luck.....

Fig. 2.22 - Sample Unit test format

Course code: 314325

Roll No. _____

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

ASSIGNMENT 5

Program Name: Electrical Engineering
 Course: Electrical Estimating & Contracting
 Program Code: EE-4K
 Unit Name: Distribution Lines
 Marks: 20

Instructions:

21. All questions are compulsory
22. Illustrate your answers with neat sketches whenever necessary
23. Figures to the right indicate full marks
24. Assume suitable data if necessary

Q. 1) Attempt the following (COS) 20 Marks

13. Compare residential and Industrial Installation on any four points. (4M)
14. Classify industrial installation based on Fire Safety. (4M)
15. Draw and label wiring diagram of 3-ph Induction Motor connected to supply with Star-Delta starter. (6M)
16. State the sequence to be followed to prepare an estimate of the factory unit. (6M)

Subject Teacher: Mrs. Nimbal Kae D.K.
 HOD: Mr. T.V. Kadam

Fig: 2.23 Sample Assignment format

2.2.3 Quality of Experiments (15)

Institute Marks

15.00

A. Experimental methodologies (5)

Institute Marks

5.00

1. Laboratory Infrastructure

The Mechatronics Department is well equipped with modern laboratories, instruments and teaching aids. Proper logbooks, stock registers, and maintenance records are maintained to ensure readiness, safety, and effective utilization of resources.

2. Planning and Implementation

A detailed practical plan is prepared for all prescribed experiments. These are systematically conducted by the Course Coordinator with support from laboratory assistants and attendants. All experiments are mapped with Course Outcomes (COs), Program Outcomes (POs), and Laboratory Learning Outcomes (LLOs) to ensure alignment with curriculum objectives.

3. Laboratory Manuals

Laboratory manuals are prepared as per MSBTE curriculum guidelines and serve as structured learning resources. Each manual includes the aim, procedure, observation tables, calculation steps, graphs, results, and conclusion. Post-experiment questions are incorporated to strengthen student reflection and conceptual understanding.

4. Student-Centric Approach

Students are encouraged to perform experiments independently or in small groups, ensuring active participation and hands-on skill development. They are motivated to ask questions, raise doubts, and clarify concepts. Special worksheets and industry-developed laboratories are also utilized to provide additional exposure and strengthen practical learning.

5. Safety and Discipline

Before conducting experiments, safety instructions, laboratory discipline, and proper handling of instruments are explained. Emphasis is placed on security aspects of equipment and adherence to safety protocols, ensuring a safe and disciplined laboratory environment.

6. Evaluation and Assessment

Continuous assessment is implemented for laboratory work through performance indicators, viva-voce, manual checking, and worksheet evaluation. This system ensures process-oriented learning, effective monitoring of student progress, and achievement of intended outcomes.

The image shows two pages of a laboratory manual. The left page contains a circuit diagram for a 3-phase induction motor, a table of specifications, and a list of objectives. The right page contains a table of results, a graph, and a conclusion. The manual is titled '3-Phase Induction Motor' and includes a table of specifications with columns for S/N, Motor Type, Voltage, Current, Power, and Remarks. The table lists various motor models and their specifications. The right page includes a table of results with columns for Motor Voltage, Motor Current, Motor Power, and Motor Efficiency. The table shows data for a 3-phase induction motor. Below the table is a graph showing the relationship between motor current and motor power. The graph is a line graph with 'Motor Current (A)' on the x-axis and 'Motor Power (W)' on the y-axis. The data points are plotted and connected by a line. The graph shows that as the motor current increases, the motor power also increases. The manual concludes with a statement about the efficiency of the motor and the importance of safety during the experiment.

Fig: 2.24 - Sample Lab Manual Experiment Contents

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

Institute Marks

5.00

1. Innovative Experiments including Industry attached Practices:

The department conducts innovative laboratory experiments and industry-attached practices to bridge the gap between theoretical knowledge and industrial applications. Students are exposed to real-time industrial systems through industrial visits, industry-sponsored laboratories, and internship programs.

During industrial visits, students observe the operation, maintenance, testing, and control of electrical equipment and industrial automation systems used in actual industries. These visits help students understand practical implementation of concepts such as electrical machines, power systems, motor control, PLC-based automation, protection systems, and energy management techniques.



Fig: 2.25 - Industrial Visit at LOCO Trip Shed, Pune Railway Station

The department has industry-sponsored Lab, here our 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.



Fig: 2.26 - Industry Sponsored Lab

In addition, students undergo industrial internships where they receive hands-on training on industrial equipment, tools, and processes under the guidance of industry professionals. During internships, students participate in installation, commissioning, maintenance, and operational activities, thereby enhancing their technical competency, problem-solving ability, teamwork, safety awareness, and professional skills.

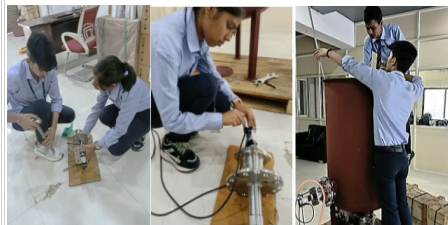


Fig: 2.27 - Hands-on practice at Industry during Internship

These innovative practices enable students to acquire experiential learning, industry exposure, and practical skills aligned with emerging technologies and industry requirements, thereby improving employability and readiness for professional engineering practice.

2. Virtual Labs:

Virtual labs use simulation software and digital tools to create a virtual environment where students can perform experiments and understand practical concepts without physical limitations. Virtual and innovative experiments are continuously updated by incorporating modern software tools, advanced simulation platforms, automation technologies, and current industry practices.

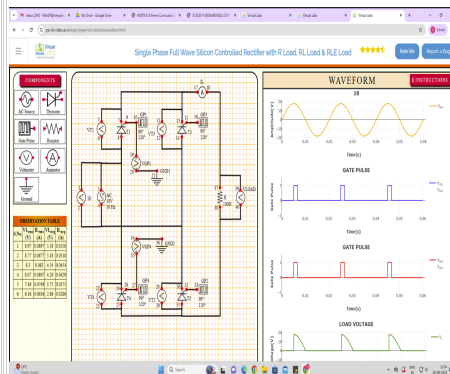


Fig: 2.28 - Experiment Performance on Virtual Lab

Sr. No	Name Of Virtual Laboratory	Link
1	Analog Signals, Network and Measurement Virtual Laboratory	https://asm-iiitkgp.vlabs.ac.in/
2	Electrical Machines Lab	https://em-coop.vlabs.ac.in/
3	Industrial Automation Laboratory	https://ial-coop.vlabs.ac.in/
4	Substation Automation Lab	https://sa-nitk.vlabs.ac.in/
5	PLC Virtual Lab	https://plc-coop.vlabs.ac.in/

Table: 2.5 - List of virtual Laboratories

C. Relevance to outcomes (5)

Institute Marks

5.00

• Alignment with Course Outcomes:

The primary criterion for evaluating the quality of experiments is their alignment with predefined course outcomes. Experiments directly support the achievement of educational objectives, ensuring that students acquire the required knowledge, technical skills, and practical competencies.

- Measurable Learning Objectives: Each experiment have clearly defined and measurable learning objectives. This enables effective assessment of whether students have successfully achieved the expected outcomes in terms of understanding, application, analysis, and performance.

Maharashtra State Board of Technical Education						
LABORATORY/ASSIGNMENT SHEET/2018PROJECT ACTIVITY PLANNING (LP)						
Program and course (E.E./E.C.)		Course and Code (ECN11111)				
Semester: Third		Name of Faculty: Mrs. Nishalgar D.K.				
COURSE LEVEL LEARNING OUTCOMES (COs)						
1. CO1 - Analyze the parameters of single-phase AC, sinusoidal circuits. 2. CO2 - Analyze the parameters of single-phase AC, parallel circuits. 3. CO3 - Analyze the parameters of polyphase AC circuits. 4. CO4 - Apply network reduction methods to solve DC circuits. 5. CO5 - Apply network theorems to solve basic electrical circuits.						
Sl. No.	Title of the Practical	CO1	CO2	CO3	CO4	CO5
1	Determination of the phase difference between A.C. voltage and current in a given R-L series circuit by using dual trace oscilloscope.	✓	-	-	-	-
2	Determination of the phase difference between A.C. voltage and current in a given R-C series circuit by using dual trace oscilloscope.	✓	-	-	-	-
3	Determination of the phase difference between A.C. voltage and current in a given R-L-C series circuit by using dual trace oscilloscope.	✓	-	-	-	-
4	Determination of voltage, current and pf in a given R-L series circuit. Draw phasor diagram.	✓	-	-	-	-
5	Determination of active, reactive and apparent power contained in given R-L series circuit.	✓	-	-	-	-
6	Determination of voltage, current and pf in a given R-C series circuit. Draw phasor diagram.	✓	-	-	-	-
7	Determination of active, reactive and apparent power contained in a given R-C series circuit.	✓	-	-	-	-
8	Determination of voltage, current and pf in a given R-L-C series circuit. Draw phasor diagram.	✓	-	-	-	-
9	Determination of active, reactive and apparent power contained in given R-L-C series circuit.	✓	-	-	-	-
10	Resonance in given R-L-C series circuit using variable frequency supply.	✓	-	-	-	-
11	Resonance in given R-L-C series circuit using variable inductor or capacitor.	✓	-	-	-	-
12	Determination of voltage, current, p.f., active, reactive and apparent power for given R-L-C parallel circuit.	-	✓	-	-	-
13	Resonance in given parallel R-L-C circuit using variable frequency supply or variable inductor and capacitor.	-	✓	-	-	-

14	Phase sequence of 3-phase supply system.	-	-	✓	-	-
15	Determination of line and phase quantities of voltage and current for balanced & unbalanced three phase star connected load. Draw phasor diagram.	-	-	✓	-	-
16	Determination of line and phase values of voltage and current for balanced & unbalanced three phase delta connected load. Draw phasor diagram.	-	-	✓	-	-
17	Determination of active, reactive, and apparent power for balanced three phase star connected inductive / capacitive load.	-	-	✓	-	-
18	Determination of active, reactive, and apparent power for balanced three phase delta connected inductive / capacitive load.	-	-	✓	-	-
19	Determination of active, reactive, and apparent power for unbalanced three phase star connected inductive / capacitive load.	-	-	✓	-	-
20	Determination of active, reactive, and apparent power for unbalanced three phase delta connected inductive / capacitive load.	-	-	✓	-	-
21	Verification of Mesh analysis method.	-	-	-	✓	-
22	Verification of Nodal analysis method.	-	-	-	✓	-
23	Verification of Superposition theorem.	-	-	-	-	✓
24	Verification of Thevenin's theorem.	-	-	-	-	✓
25	Verification of Norton's theorem.	-	-	-	-	✓
26	Verification of Maximum Power Transfer theorem.	-	-	-	-	✓
27	Verification of Superposition theorem for AC network.	-	-	-	-	✓

Fig. 2.29 - CO coverage through practicals

2.2.4 Quality of Students Projects and Report Writing (35)

Institute Marks	35.00
-----------------	-------

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

- Seminar and Project Initiation in fifth semester
- Capstone Project execution and report writing in sixth semester

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

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 students.

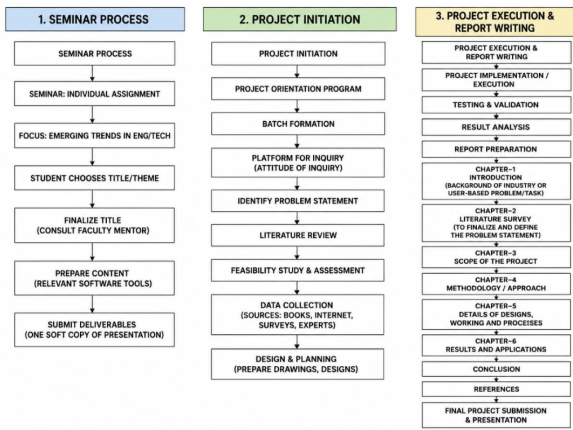


Fig: 2.30 - Project Identification and allocation process

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

Institute Marks

5.00

The Electrical Engineering Department strategically selects final-year projects to ensure students apply theoretical knowledge to real-world industrial and societal problems. For the current academic year, 14 projects Groups in Ay 2025-26 were undertaken, categorized into "Industry Sponsored" and "Application Based" types.

Project Type	No. of Projects	Key Examples	Relevance to Industry/Society
Industry Sponsored	06	PLC Based Hydrotect Control Panel, Finished Vehicle Surface Inspection Canopy	Provides exposure to industrial automation (PLC/SCADA) and rigorous industrial quality standards.
Application Based	08	Active Cell Balancing Kit for EV, Smart Solar Charger using MPPT, Power Theft Detection	Focuses on emerging technologies (Electric Vehicles, Renewable Energy) and societal issues like energy conservation.

Table: 2.6 - Project Classification and Relevance

The projects are designed to act as a capstone experience, ensuring the attainment of all defined outcomes:

- **PO1, PO2, & PO3 (Technical Core):** Projects like the "Designing of Special Purpose Transformer" and "Load based trix measurement system" require students to apply engineering fundamentals (PO1) to analyze problems (PO2) and design specific technical solutions (PO3).
- **PO4 (Tools & Testing):** Use of modern tools is evident in projects utilizing **Arduino, PLC (TIA Portal), and SCADA** for testing and measurements (e.g., "Power Theft Detection using Arduino").
- **PO5 (Society & Environment):** Green technology projects like "Solar Based Automatic Panel Cleaning" and "EV Cell Balancing" directly contribute to sustainability and environmental ethics.
- **PO6 & PO7 (Management & Life-long Learning):** Working in groups of 3-4 develops teamwork and project management skills (PO6). Navigating new technologies like MPPT and EV architecture fosters the habit of self-learning (PO7).
- **PSO1 & PSO2 (Program Specific):**
 - **PSO1** is attained through hardware-centric projects involving static/rotating equipment (e.g., "Special Purpose Transformer").
 - **PSO2** is attained through projects focused on power monitoring and protection (e.g., "Smart Home Security & Load Monitoring", "Password Based Contactor").

AY: 2025-2026

Sr. No.	Project Title	Category	Primary POs attained	Primary PSO
1	Automatic Smart Plugging System	Application Based	PO1, PO2, PO3, PO4, PO5, PO6, PO7	PSO1, PSO2
2	Finished Vehicle Surface Inspection Canopy	Industry Sponsored	PO1, PO2, PO3, PO4, PO5, PO6, PO7	PSO1, PSO2
3	Active Cell Balancing Kit for EV	Application Based	PO1, PO2, PO3, PO4, PO5, PO6, PO7	PSO1, PSO2
4	Finished Vehicle Surface Inspection Canopy	Industry Sponsored	PO1, PO2, PO3, PO4, PO5, PO6, PO7	PSO1, PSO2
5	PLC Based Hydrotect Control Panel	Industry Sponsored	PO1, PO2, PO3, PO4, PO5, PO6, PO7	PSO1, PSO2
6	Active Cell Balancing Kit for EV	Industry Sponsored	PO1, PO2, PO3, PO4, PO5, PO6, PO7	PSO1, PSO2
7	Solar Based Automatic Panel Cleaning & Mobile Charging System	Application Based	PO1, PO2, PO3, PO4, PO5, PO6, PO7	PSO1, PSO2
8	Smart Solar Charger By using MPPT	Application Based	PO1, PO2, PO3, PO4, PO5, PO6, PO7	PSO1, PSO2
9	PLC and SCADA Control Panel for Special Purpose Machines	Industry Sponsored	PO1, PO2, PO3, PO4, PO5, PO6, PO7	PSO1, PSO2
10	Designing Of Special Purpose Transformer	Industry Sponsored	PO1, PO2, PO3, PO4, PO5, PO6, PO7	PSO1, PSO2
11	Smart Home Security & Load Monitoring System using LDR Sensor	Application Based	PO1, PO2, PO3, PO4, PO5, PO6, PO7	PSO1, PSO2
12	Power Theft Detection Using Arduino	Application Based	PO1, PO2, PO3, PO4, PO5, PO6, PO7	PSO1, PSO2
13	Design and Development of PLC Based Hydrotect Control Panel	Industry Sponsored	PO1, PO2, PO3, PO4, PO5, PO6, PO7	PSO1, PSO2
14	PLC Controlled Panel for Vacuum cooling Tank System	Industry Sponsored	PO1, PO2, PO3, PO4, PO5, PO6, PO7	PSO1, PSO2

Table: 2.7 - Summary of Project Distribution

C. Process for monitoring and evaluation (5)

Institute Marks

5.00

Process for monitoring

- Each project group has to maintain a project diary duly signed by project guide weekly.
- The logical and physical design of the project is done in the sixth semester during the allotted hours in the time table under the guidance of respective guide.
- The Project guide directs the students and help them to solve problems during the progress of project.
- Every guide monitors the progress of project.
- The students are guided to follow the principles of software engineering to get industrial quality project.
- Quality projects are recognized and sent for various project competitions.
- A final project report is prepared with proper documentation and installation procedures.
- All projects are assessed by external examiner appointed by MSBTE.

Project Evaluation:

- The project report is evaluated by internal and external examiner.
- The external examiner from the other institution is appointed by regional board of MSBTE.
- The examiners conducts Viva-Voce of the students. The students need to explain the project work carried out by them and entire execution of project.
- Marks are awarded to the students on the basis of the viva-voce and the project work, which are forwarded to MSBTE through log in provided to external examiner.

Rubrics for Project Internal Evaluation

Maharashtra State Board Of Technical Education				
Formative Assessment				
PROJECT REVIEW I				
Performance Criteria	Excellent 10 marks	Good 8 marks	Fair 6 marks	Poor 2 marks
Capstone Project Completion	The project completed as per task described in system	The project completed but requires minor modifications	The project is completed but requires major modifications	The project is not completed as per task described in system
Project Based Requirement Analysis & Designing	Effectively combined in equipment analysis and designing	Partially Combined in equipment analysis and designing	Attempted to combine in equipment analysis and designing	No contribution in equipment analysis and designing
Developing a Solution with proper justification. Overview	Developed more solution with suitable with resources, operational design and material used well with no gaps	Developed some solution with higher complexity and needed well with no gaps	Attempted to develop the solution and needed with the team	No contribution in developing a solution and in the team
Project Report Writing	Project report well to submit as required report	Project report to submit the project report with covering all the aspects of a required report	Attempted to submit the project report but needed of report was not satisfactory	No submission in project report writing
Project Presentation	Presented the presentation effectively	Presented the presentation with some gaps	Presented the presentation with some gaps	Presented the presentation with some gaps
Project Group No.	11			
NAME / Roll No.				
	930424	2		
	930433	7		
	930437	7		
Comments (if any)	S P P			

Fig. 2.31 - Project Review Assessment Rubrics

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

Institute Marks

5.00

As per the rubrics suggested in curriculum, the individual and team performance is assessed on formative basis.

Rubrics for Assessment of the team:

- Project Selection & Problem definition -5marks
- Literature survey and data collection/ Gathering -5marks
- Design / concept of project/ Working - Execution of Project -10marks
- Stage wise progress as per Action plan/milestone -5marks
- Quality Report Writing -5marks

Rubrics for Individual Assessment:

- Contribution as a team member -5marks
- Depth of Knowledge -10marks
- Presentation -5marks

Maharashtra State Board of Technical Education														
FORMATIVE ASSESSMENT OF PROJECT														
Academic Year: 2022-26														
Centre: CAPSTONE PROJECT														
Name Of Faculty: Mrs. Deepali Nimbalkar														
Course Code: 212004														
Max. Marks: 50														
Min Marks: 20														
Roll No.	Enrollment No.	Exam Seat No.	Name Of The Student	Project Group No.	Project selection & problem definition (10)	Literature survey & data collection (10)	Design & execution of project (10)	Working (10)	Quality Report Writing (10)	Contribution as a team member (10)	Depth of Knowledge (10)	Presented on (10)	10 Marks Awarded According to TE Scheme. (Max Marks: 50)	Signature of Student
230412	2321280274	227214	PRATHESH SURJOTE	10	4	4	7	3	4	3	7	4	36	[Signature]
230403	2321280283	227215	ROHIL PRANAV DEVIK	12	5	4	9	4	4	4	9	5	44	[Signature]
230404	2321280284	227216	DANDE SARANG YASHWANT	3	5	5	10	5	5	5	9	5	49	[Signature]
230405	2321280285	227217	DATTA PRANAL SRIKANTHARU	9	5	5	9	4	5	5	9	5	47	[Signature]
230407	2321280287	227218	SAIKH ADARSH JAYAWANT	12	4	4	7	3	4	3	7	4	36	[Signature]
230411	2321280291	227219	HONKAR BABE BUSHI	9	4	5	9	4	5	4	9	5	45	[Signature]
230414	2321280294	227220	JALITAP PRASHANT KHANDERAO	7	4	4	7	3	4	3	7	4	36	[Signature]
230417	2321280297	227221	KADAM ATHARVA YUVAJ	7	4	4	8	4	4	6	4	40	[Signature]	
230418	2321280298	227222	KADAM SHANIK LAXMAN	7	4	4	7	4	4	4	7	4	38	[Signature]
230421	2321280301	227223	KOLEKAR SURAJ BIRISHAM	8	4	4	7	4	4	4	7	4	38	[Signature]
230423	2321280304	227224	MADHURI DINKAR DODDAR	11	5	5	9	4	5	5	9	5	47	[Signature]
230426	2321280306	227225	MADHUKAR JAYANT PRANOD	12	5	5	9	5	5	5	9	5	48	[Signature]
230462	2321280342	227245	WANKAR PIVUSH MOHAN	4	5	5	9	5	5	5	9	5	48	[Signature]
230464	2321280344	227246	YADAV KRUTIKA DINESH	2	5	5	10	5	5	5	10	5	50	[Signature]
230473	2321280348	227247	SHARME TEJAS KHALES	3	4	4	9	4	4	4	9	4	42	[Signature]
240468	2421280753	227248	BHAIKAR MADHITA SHYAM	8	4	4	7	3	4	3	7	4	36	[Signature]
240468	2421280756	227249	SATNARE ATANVAR SACHIN	13	4	4	8	4	4	4	8	4	40	[Signature]
240469	2421280757	227250	NICHARE SHUBHAM SHAMBARAO	5	4	4	9	4	4	4	9	4	42	[Signature]
240470	2421280758	227251	KONKAR GANPAT DINDABAI	5	4	4	7	4	4	4	7	4	38	[Signature]
240471	2421280759	227252	KOLI ABHIJEET JAYPRKASH	5	4	4	7	3	4	3	7	4	36	[Signature]
240473	2421280761	227253	MAHE KHUSHI NARENDRA	1	5	4	9	4	4	4	9	4	43	[Signature]
240474	2421280762	227254	PHULSUNDAR RAHUL RAMKANCHRA	13	5	5	9	4	4	4	9	5	45	[Signature]
240475	2421280763	227255	SANAP DINKAR NARESH	1	4	4	8	4	4	4	8	4	40	[Signature]
240476	2421280764	227256	UMALE SANKEET BABANARAO	6	5	5	10	5	5	5	10	5	50	[Signature]

Fig. 2.32 - Rubrics for Internal Assessment of Project

E. Quality of deliverable, working prototypes (12)

Institute Marks

12.00

The quality of deliverables, particularly working prototypes developed in student projects, is evaluated through a comprehensive assessment process considering multiple technical and professional aspects. The evaluation focuses on the depth of understanding, practical implementation, innovation, and overall effectiveness of the project work.

- Technical Proficiency:** The technical quality of the working prototype is assessed based on functionality, reliability, performance, safety, and adherence to industrial and academic standards. Students are evaluated on their understanding and application of relevant engineering concepts, technologies, tools, and methodologies.
- Innovation and Creativity:** The quality of the deliverable is enhanced when the project demonstrates originality, innovative thinking, and creative problem-solving approaches. Unique features, advanced techniques, and novel solutions indicate the students' ability to address practical challenges effectively.
- Documentation and Reporting:** Comprehensive documentation and proper reporting are essential components of a quality project. Detailed reports including objectives, methodology, circuit diagrams, design calculations, implementation procedures, testing methods, results, and conclusions ensure clarity, transparency, and reproducibility of the project.
- Testing and Validation:** Rigorous testing and validation procedures are conducted to verify the accuracy, reliability, efficiency, and performance of the working prototype. The project quality is assessed based on the testing methods adopted and the validity of the obtained results.
- Scalability and Future Potential:** The project is also evaluated for its scalability, adaptability, and future scope. Consideration is given to the capability of the prototype to handle additional features, industrial applications, or future technological advancements.
- Industry-Sponsored Projects:** Industry-sponsored projects provide students with exposure to real-world industrial problems and expectations. Successful completion of such projects demonstrates the students' ability to apply academic knowledge in professional and industrial environments.

• **Participation in Project Competitions:**

Participation in technical project competitions provides students with opportunities to present their ideas, compare their work with peers, and gain exposure to innovative technologies and industry expectations.

• **Awards and Recognition:**

Winning awards or receiving recognition in project competitions highlights the quality, innovation, and practical relevance of the project work. Such achievements validate the students' technical efforts and project excellence.

• **Demonstration and Presentation Skills:**

The effectiveness of project demonstrations and presentations is also considered during evaluation. Clear explanation, confidence, technical communication, and proper demonstration of the working model contribute to the overall assessment of the project.

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

Institute Marks

5.00

Sr. No	Date	Type of Activity & Details (Paper Presentation / Project / Quiz /etc.)	Organizing Body/ Conducted by Level (Winner / Participation)				Level (State/ National)	Name/s and EnrollNo of the Participant	Award/Prize	No of Participants/ PSOs (Only nos.)	Relevance to POs (Only nos.)
			Institute	MSBTE	DTE	Any Other					
1	10-02-2026	Paper Presentation	GP Karad	MSBTE	-	-	State	Yadav Kritika Dinesh	Participation	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
2	10-02-2026	Paper Presentation	GP Karad	MSBTE	-	-	State	Mishra Rishikesh Ashok	Participation	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
3	14-02-2026	Project Competitions	MKSSS'S cummins College of Engineering For Women,Pune		DIPEX	-	State	Yadav Kritika Dinesh	Participation	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
4	14-02-2026	Project Competitions	MKSSS'S cummins College of Engineering For Women,Pune		DIPEX	-	State	Mishra Rishikesh Ashok	Participation	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
5	14-02-2026	Project Competitions	MKSSS'S cummins College of Engineering For Women,Pune		DIPEX	-	State	Pravin Sahebrao Shinde	Participation	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
6	16-02-2026	Paper Presentation	Siddhant College Of Engineering Diploma			MTC Industries	State	Sarvesh Powar	First Prize (Winner)	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
7	16-02-2026	Paper Presentation	Siddhant College Of Engineering Diploma			MTC Industries	State	Sanket Umale	First Prize (Winner)	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
8	16-02-2026	Paper Presentation	Siddhant College Of Engineering Diploma			MTC Industries	State	Nikhil Surase	First Prize (Winner)	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
9	16-02-2026	Paper Presentation	Siddhant College Of Engineering Diploma			MTC Industries	State	Omkar Bhosale	Second Prize (Winner)	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
10	16-02-2026	Paper Presentation	Siddhant College Of Engineering Diploma			MTC Industries	State	Sarang Darade	Second Prize (Winner)	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
11	16-02-2026	Paper Presentation	Siddhant College Of Engineering Diploma			MTC Industries	State	Sai Honkar	Participation	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
12	16-02-2026	Paper Presentation	Siddhant College Of Engineering Diploma			MTC Industries	State	Pranjal Datir	Participation	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
13	16-02-2026	Paper Presentation	Siddhant College Of Engineering Diploma			MTC Industries	State	Sarvesh Powar	Participation	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
14	16-02-2026	Paper Presentation	Siddhant College Of Engineering Diploma			MTC Industries	State	Prathmesh Ganjote	Participation	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
15	21-02-2026	Podium Technical Paper Presentation	Trinity Polytechnic.				National	Nikhil Surase	First Prize (Winner)	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
16	21-02-2026	Podium Technical Paper Presentation	Trinity Polytechnic.				National	Sarvesh Powar	First Prize (Winner)	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
17	21-02-2026	Podium Technical Paper Presentation	Trinity Polytechnic.				National	Sanket Umale	First Prize (Winner)	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
18	12-03-2026	Paper Presentation	Jawaharlal Nehru Institute of Technology,Pune	MSBTE	-	-	National	Sarvesh Powar	Second Prize (Winner)	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
19	12-03-2026	Paper Presentation	Jawaharlal Nehru Institute of Technology,Pune	MSBTE	-	-	National	Sanket Umale	Second Prize (Winner)	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
20	12-03-2026	Paper Presentation	Jawaharlal Nehru Institute of Technology,Pune	MSBTE	-	-	National	Nikhil Surase	Second Prize (Winner)	1	PO1,PO3,PO5,PO7 and PSO1, PSO2
21	12-03-2026	Paper Presentation	Jawaharlal Nehru Institute of Technology,Pune	MSBTE	-	-	National	Pranjal Datir	Participation	1	PO1,PO3,PO5,PO7 and PSO1, PSO2

2.2.5 Industry Interaction and Industry Internship/Training (30)

Institute Marks

30.00

A. Industry supported Labs (2)

Institute Marks

2.00

1. Logicon Technosolutions Pvt Ltd., Chinchwad, Pune

Establishing a Memorandum of Understanding (MOU) between the department and industries provides valuable opportunities for Electrical Engineering students by strengthening industry-institute interaction and enhancing practical learning experiences.

The purpose of an MOU between the department and industries includes the following:

• **Facilitating Internships and Placements:**

The MOU provides opportunities for students to undergo industrial internships, in-plant training, apprenticeship programs, and placement activities. These experiences help students gain practical exposure to industrial processes, working culture, and professional practices.

• **Professional Development:**

The collaboration enables industry experts to conduct guest lectures, workshops, seminars, expert sessions, and technical training programs. These activities enhance students' understanding of emerging technologies, current industrial trends, and professional expectations.

- Laboratory Support and Industry Collaboration:**
The MOU may include support for establishing industry-sponsored laboratories, providing advanced equipment, software tools, testing facilities, and technical resources. It also promotes joint projects, technology transfer, research activities, and knowledge sharing between industry and academia.
- Curriculum Enhancement:**
Industry collaboration helps the department update and improve the curriculum according to current industrial standards, technological advancements, and skill requirements. This ensures that students acquire industry-relevant knowledge and competencies.
- Skill Development and Hands-on Training:**
Students receive practical training on modern industrial equipment, automation systems, electrical machines, control systems, renewable energy systems, and safety practices, thereby improving technical and employability skills.
- Industry-Oriented Projects and Research:**
Industries may provide real-time problem statements, project sponsorship, and technical guidance for student projects. This encourages innovation, research aptitude, and application-oriented learning among students.
- Exposure to Industrial Practices:**
Industrial visits and collaborative activities under the MOU help students understand manufacturing processes, maintenance practices, quality control, energy management, and industrial automation systems used in industries.
- Bridging the Gap Between Academia and Industry:**
The MOU strengthens interaction between academic institutions and industries, helping bridge the gap between theoretical learning and practical industrial requirements.



Fig: 2.33 - Industry Sponsored Lab

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

Evalvator 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 Evalvator student-Industry outreach Initiative". Currently, the work of setting up of the centre is under progress and expected to be completed 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 Evalvator. 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.



Fig: 2.34 - MoU Signing Program

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 help students understand real-time applications of theoretical concepts and bridge the gap between academia and industry requirements

AY 2025-2026:

Sr. No	Name, Designation, Organisation of Expert Along with Contact Details	Date of Expert Lecture	Topic	Class	Name of Coordinator	No of Beneficiaries	Relevance to POs & PSO
1	Mr.Nikitesh Kotangale, Advocate Bombay High Court k.nikiteshkumar@gmail.com	13/09/2025	An Overall analysis of Essence of Indian Constitution	EE 3-K	Ms. Patil PS.	53	PO1,PO5, PO7
2	Mr. Vivek Sarraf, Regional Manager, Pune Prolific Automation Services	17/02/2026	Industrial Automation & SCADA	EE 6-K	Mr. T.V. Kadam	40	PO1, PO2, PO3, PO6,PO7, PSO1
3	Mr. Dnyaneshwar Sarvade, Business Developer & Industrial Automation Specialist	17/02/2025	Industry 4.0	EE 6-K	Mr. T.V. Kadam	40	PO1, PO2, PO3, PO6,PO7, PSO1, PSO2
4	Mr. Vishal Maruti Shinde, Sr. Operator, 22/11kV ECP Sub-Station, MSEEDCL, Bundgarden Division, Pune-411028	28/02/2026	Light Bill Reading and Tariff System	EE 6-K	Mrs. Jadhav J.K.	40	PO1, PO2, PO3, PO6,PO7, PSO1

AY 2024-2025:

Sr. No	Name, Designation, Organisation of Expert Along with Contact Details	Date of Expert Lecture	Topic	Class	Name of Coordinator	No of Beneficiaries	Relevance to POs & PSO
1	Mr.Nilesh Rajemane, Principal, Kai. J. R. Ashram Shala, Jarwal, Tal- Chakur, Dist. Latur	15/07/2024	Career Guidance	EE -5I	Mrs. Deshmukh V.A.	38	PO1,PO5, PO7
2	Mr. Vishal Maruti Shinde, Sr. Operator, 22/11kV ECP Sub-Station, MSEEDCL, Bundgarden Division, Pune-411028	30/08/2024	Light Bill Reading and Tariff System	EE -5I	Mrs. Nimburkar D.K.	39	PO1, PO2, PO3, PO6,PO7, PSO1

3	Mrs. Deepi Deshpande, Trainer, Auto Cluster Development and Research Institute (ACDRB)	02/09/2024	Career Guidance program organized by Auto cluster Development & Research Institute	EE -51	Mr. Ganesh Mhalankar	40	PO6,PO7
4	Mr. Parag Ashok Ghodake Founder & Managing Director, Ghodake Electricals & Engineering, Parangut, Pune-412115.	22/02/2025	Guest Lecture on Tender Document and Contract	EE-64	Mrs. Nimbalkar D.K.	44	PO1, PO2, PO3, PO6,PO7, PS01

AY 2023-2024:

Sr. No	Name, Designation, Organization of Expert Along with Contact Details	Date of Expert Lecture	Topic	Class	Name of Coordinator	No of Beneficiaries	Relevance to POs & PSO
1	Mr. Shashank S. Gaikwad	05/08/2023	Introduction to Electric Vehicle	EE 3-1, EE 5-1	Mr. T.V. Kadam	34	PO1, PO2, PO3, PO6,PO7, PS01
2	Mr. Kulkarni Shalish.	15/09/2023	Switchgear & Protective Relays	EE 3-1, EE 5-1	Mrs. Mali S.P.	35	PO1, PO2, PO3, PO6,PO7, PS01
3	Mr. Rajendra Patil, Director, Shiv Shakti Electricals, Chinchwad, Pune	01/02/2024	Energy Conservation & Electricity bill reading	EE 5-1	Mrs. Nimbalkar D.K.	22	PO1, PO2, PO3, PO6,PO7, PS01, PS02
4	Mr. Parag Ashok Ghodake Founder & Managing Director, Ghodake Electricals & Engineering, Parangut, Pune-412115	13/02/2024	Electrical Estimation & Contracting (tender documents & quotation & bills of an electrical contracts)	EE 6-4	Mrs. Nimbalkar D.K.	22	PO1, PO2, PO3, PO6,PO7, PS01
5	Dr.Manawa Diwekar-Joshi	26/02/2024	World of Science.	EE 41	Dr.Lakhe M.C.	30	PO1,PO5, PO7

C. Industrial visits/tours for students (3)

Institute Marks

3.00

Industry visit is a part of the education, during which students visits various industries 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.

AY 2025-2026:


Sr. No	Date	Industry/ Location	Conducted By	Class	No of Beneficiaries	Relevance to POs & PSO
1	16/09/2025	132/220 KV Substation Chinchwad,Pune.	Mr.T.V.KADAM	EE 5- K	43	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02
2	16/09/2025	132/220 KV Substation Chinchwad,Pune.	Ms.Patil P.S.	EE 3- K	53	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02
3	20/02/2026	Pune Railway Station Locoshed,Pune	Mrs.J.K.JADHAV	EE 4- K	51	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02
4	20/02/2026	Pune Railway Station Locoshed,Pune	Mrs.J.K.JADHAV	EE 6- K	39	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02
5	28/02/2026	GMRT, khodad	Mr. Sahank B.S.	EE 2- K	52	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02
6	5/03/2026 TO 6/03/2026	Dipex 2026 ,MIT Campus Cth. Sambhujinagar	Mrs. Nimbalkar D.K.	EE 4- K	43	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02

AY 2024-2025:

Sr. No	Date	Industry/ Location	Conducted By	Class	No of Beneficiaries	Relevance to POs & PSO
1	30/09/2024	lauritz kmnden Electrical & Automation, Bhosari-Pune.	Mr. Hemant Kolate	EE 5-1	35	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02
2	18/10/2024	lauritz kmnden Electrical & Automation, Bhosari-Pune.	Ms. Shweta Patil, Mr. Oskar Pawar	EE 3- K	50	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02
3	19/10/2024	HVDC Substation Padghe	Ms. P. S. Patil, Mrs Nimbalkar, Mr. Oskar Pawar	EE 3- K	46	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02
4	19/10/2024	HVDC Substation Padghe	Ms. S.P Patil , Mrs. J.K.Jadhav, Mr. T.V. Kadam	EE 5-1	26	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02
5	12/10/2024	Sahyadri Enterprises, Baramati	Mr. Kadam T.V. & Ms. Patil Ps	EE 4- K	41	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02
6	12/10/2024	Puggio Vehicles Private Limited, Baramati	Mr. Kadam T.V. & Ms. Patil Ps	EE 4- K	41	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02
7	12/10/2024	GTN Spinning Mill , Baramati	Mr. Kadam T.V. & Ms. Patil Ps	EE 4- K	41	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02
8	12/10/2024	Mailk Electricals , Baramati	Mr. Kadam T.V. & Ms. Patil Ps	EE 4- K	41	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02

AY 2023-2024:

Sr. No	Date	Industry/ Location	Conducted By	Class	No of Beneficiaries	Relevance to POs & PSO
1	07/10/2023	KAY POWER AND PAPER LIMITED B-54, Old MIDC Area City, Satara,State: Maharashtra.	Mr. Kadam T.V., Mrs. Nimbalkar D.K., Mrs. Jadhav J. K. Ms. Gidd M.M.	EE 3-1 & EE 5-1	54	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02
2	07/10/2023	Suzlon Energy Limited, Satara.	Mr. Kadam T.V., Mrs. Nimbalkar D.K., Mrs. Jadhav J. K. Ms. Gidd M.M.	EE 3-1 & EE 5-1	54	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02
3	20/01/2024	GIS substation Kiwale, Pune	Ms. Gidd M.M.	EE 61	25	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02
4	07/03/2024	RPM krishi Ecosystem	Mrs. Jadhav J. K	EE 61	22	PO1, PO2, PO3, PO4, PO5, PO6,PO7, PS01, PS02

D. Industrial training/ internship (5)								Institute Marks
								5.00
The affiliating board Maharashtra State Board of Technical Education insists on industrial training for second-year students before the commencement of the third year to enhance practical exposure and industry readiness.								
Students are deputed to various identified industries and organizations for internships and industrial training programs related to their area of specialization. These trainings provide students with opportunities to understand industrial processes, workplace practices, safety procedures, maintenance activities, testing methods, and modern technologies used in industries.								
The Training and Placement Officer (TPO) actively supports the department in identifying suitable industries and organizations for internships and industrial training. Coordination is carried out with industries to ensure that students receive meaningful hands-on experience aligned with curriculum requirements and industry expectations.								
After completion of the industrial training, students are required to submit a detailed training report containing information about the organization, training activities performed, technical learning outcomes, observations, and practical knowledge gained during the training period.								
A post-training assessment and review process is conducted by the department after completion of the training program. The assessment evaluates students' understanding of industrial practices, technical skills, communication abilities, problem-solving capabilities, and professional ethics. This process helps in measuring the attainment of specific Program Outcomes (POs) and Program Specific Outcomes (PSOs), thereby ensuring the effectiveness of industrial training in enhancing student competency and employability.								
 MARATHWADA MITRA MANDALS POLYTECHNIC, PIMPRI CHINCHWAD, PUNE-33 DEPARTMENT OF ELECTRICAL ENGINEERING Industry Allocation Record Of Students for INTERNSHIP 2025-2026								
Sr. No	Name of Industry	Address	Duration	Purpose of Training	Semester	No. of beneficiaries	Relevant POs and PSOs	
1	ATHARV ENGINEERING	Gate no-1402, opp Anah Ashram, Sonawane Wasti, Talawade, Pune-411044	12 weeks	After completion of training, Students understands the knowledge regarding manufacturing of control panels.	V	9	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
2	JAI MATA DI GREEN	No.127/A2, S.1, Telco Road, Melan Nagar,Chinchwad-411019	12 weeks	After completion of training, Students understands the knowledge regarding EV bike servicing and maintenance work.	V	8	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
3	INDUCTION EQUIPMENT SPARES AND SERVICE	Off. 588,Khandaha Mal, Punawale, Pune-411033	12 weeks	After completion of training, Students understands the knowledge regarding induction equipment service and its maintenance work.	V	3	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
4	DHOOT TRANSMISSION PVT. LTD.	S. No 312, Nanekarwadi Rd, Maharsbra 411031	12 weeks	After completion of training, Students understands the knowledge regarding manufacturing of control panels.	V	3	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
5	CHINTAMANI CONTROL SYSTEMS PVT. LTD.	S-41, T Block, MIDC, Bhosari, Pune, Pimpri-Chinchwad, Maharashtra 411026	12 weeks	After completion of training, Students understands the knowledge regarding manufacturing of control panels.	V	3	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
6	POWERTECH ENTERPRISES	F12, princy Park, Rajee Shivan Nagar, Chikhali, Pune-411019	12 weeks	After completion of training, Students understands the knowledge regarding manufacturing of control panels.	V	3	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
7	KINETIC COMMUNICATION S.LTD.	G-92, D-III, MIDC Chinchwad, Pune-411019	12 weeks	After completion of training, Students understands the knowledge regarding regular maintenance work.	V	3	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
8	RAKESH TRANSFORMER INDUSTRIES PVT. LTD.	W-30, S-Block, MIDC, Bhosari, Pune-411026	12 weeks	After completion of training, Students understands the knowledge regarding Transformer manufacturing and its assembly.	V	3	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
9	COTMAC ELECTRONICS PVT. LTD.	S-168,MIDC, Bhosari, Pune-411026	12 weeks	After completion of training, Students understands the knowledge regarding manufacturing of control panels.	V	2	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
10	VIKAS ENGINEERING CO.	Hirkani Society, Shinde Nagar, Old Sangvi, Pune-411027	12 weeks	After completion of training, Students understands the knowledge regarding manufacturing of control panels.	V	2	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
11	MOTHERSON SUMI SYSTEMS LIMITED	Plot No.73/2 & 76/21 Mananj Talika Mubhi	12 weeks	After completion of training, Students understands the knowledge regarding manufacturing of control panels.	V	1	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
12	OMNIACTIVE HEALTH TECHNOLOGIES LTD	plot 38/39, International Biotech Park, Phase-II, Hinjewadi, Pune-411057	12 weeks	After completion of training, Students understands the knowledge regarding regular maintenance work.	V	1	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
13	RAJ ELECTRO INDUSTRIES	S-723A/1, Shivajinagar, Pune-411015	12 weeks	After completion of training, Students understands the knowledge regarding manufacturing of control panels.	V	1	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
14	ENDURANCE TECHNOLOGIES LIMITED	Plot- B-1/2/2, MIDC Chakan, Village- Nigbhe, Tal. Khed, Pune-410501	12 weeks	After completion of training, Students understands the knowledge regarding Machine maintenance work.	V	1	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
15	ALLIED RESOURCES MANAGEMENT SERVICES PVT. LTD.	Offt 27-30, Sai Vastaha Trade Centre, Pune-Nashik Highway, Bhosari, Pune-411026	12 weeks	After completion of training, Students understands the knowledge regarding manufacturing of control panels.	V	1	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
16	MECHATRONICS ENGINEERING SERVICES	shop-138, Plot 19/C, D-1 Block, MIDC, Chinchwad, Pune-411019	12 weeks	After completion of training, Students understands the knowledge regarding Machine maintenance work.	V	1	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
17	JYOTI SOLUTIONS WORKS PVT. LTD	Gate no 295-300, Chanshikad Road, Village- Dhamahe, Tal. Maval, Pune-410508	12 weeks	After completion of training, Students understands the knowledge regarding manufacturing of control panels.	V	1	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
18	PROLIFIC SYSTEMS & TECHNOLOGIES PVT. LTD.	Office No. 206, Mayor Trade Center, Phase 2, Chinchwad, Pimpri-Chinchwad, Maharashtra 411019	12 weeks	After completion of training, Students understands the knowledge regarding PLC and Automation systems and its programming.	V	1	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
19	JAYASHREE POLYMERS PVT. LTD.	21/4, D-1 Block, MIDC, Chinchwad, Pune-411019	12 weeks	After completion of training, Students understands the knowledge regarding manufacturing of control panels.	V	1	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
20	DAYITVA ENGINEERING	s-14, bhavani chowk, Dharashiv	12 weeks	After completion of training, Students understands the knowledge regarding Solar installation and its maintenance work.	V	1	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
21	DRONA ROHITRA PVT. LTD.	C-1, Functional Industrial Estate, MIDC, Bhosari, Pune-411026	12 weeks	After completion of training, Students understands the knowledge regarding manufacturing of control panels.	V	1	PO1, PO2, PO3, PO4, PO6, PSO1, PSO2	
E. Post training/ internship Assessment (10)								Institute Marks
								10.00
The department conducts a structured post-training / internship assessment process to evaluate the knowledge, practical skills, and professional competencies gained by students during industrial training. The assessment is carried out with a total evaluation of 200 marks, divided into Internal Assessment (100 Marks) and External Assessment (100 Marks) as per decided rubrics.								
For Internal 100marks, formative assessment is done during the internship process, in which 25 marks are given on the basis of daily diary writing during internship, 25 marks are given by Industry Supervisor, and remaining 50 marks are given by seminar presentation after internship in front of HOD, ITR coordinator and departmental faculties.								
For this, departmental notice is issued.								

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

Academic Year: 2025-26

Doc. No.: Notice-DE-01 Reg. No.: 01
Page 1 out of 1 Reg. Dt.: 03/03/2021

Department of Electrical Engineering

Date: 22/08/2025

Notice

All Third Year students are hereby informed that their presentations on **Internship (12Weeks)** are scheduled on **Tuesday 26/08/2025** from 02:15 pm in Classroom 405. Before appearing for it, make sure that your prepared PPT has been checked by the ITR Coordinator.

Coordinator
Nimbalkar D.K.

HOD
M. T. V. Kadam

HOD
Electrical Department
M. M. Polytechnic,
Thergan, Pune-411 033.

Fig. 2.35 - Notice for Internal Assessment

Maharashtra State Board of Technical Education
EVALUATION SHEET
VALUATION BY INDUSTRY SUPERVISOR

Academic Year: 2025-26 Course: ETE (1310004)
Program: Electrical Engineering (E.E-5C) Duration: 19 Weeks

Sr. No.	Roll No.	Enrollment No.	Name	Marks out of 100
1	230459	232128033	THEJAT ROHAN RAJESH	24
2				
3				
4				
5				
6				
7				
8				
9				
10				

Signature of Industry Supervisor: Ms. D. K. Nimbalkar

Fig. 2.36 - Assessment by Industry Supervisor

Maharashtra State Board of Technical Education
PERFORMANCE ASSESSMENT OF TRAINING

Academic Year: 2025-26 Course: ETE (1310004)
Program: Electrical Engineering (E.E-5C) State of Faculty: Ms. Deepak Shindekar

Roll No.	Enrollment No.	Name of the Student	Introduction of Industry (10)	Preparation of Project (10)	Participation in Process (10)	Final Report (10)	Attendance (10)	Final Marks (50)	Final Grade (10)	Final Remarks (10)	Signature
230459	232128033	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230460	232128034	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230461	232128035	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230462	232128036	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230463	232128037	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230464	232128038	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230465	232128039	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230466	232128040	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230467	232128041	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230468	232128042	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230469	232128043	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230470	232128044	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230471	232128045	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230472	232128046	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230473	232128047	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230474	232128048	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230475	232128049	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230476	232128050	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230477	232128051	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230478	232128052	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230479	232128053	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230480	232128054	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230481	232128055	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230482	232128056	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230483	232128057	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230484	232128058	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230485	232128059	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230486	232128060	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230487	232128061	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230488	232128062	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230489	232128063	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230490	232128064	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230491	232128065	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230492	232128066	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230493	232128067	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230494	232128068	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230495	232128069	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230496	232128070	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230497	232128071	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230498	232128072	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230499	232128073	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]
230500	232128074	THEJAT ROHAN RAJESH	0.5	0.5	1.8	2.0	2.0	7.8	2.4	2.4	[Signature]

Signature of Industry Supervisor: Ms. T. V. Kadam

Fig. 2.37 - Internal Assessment as per Rubrics

External Assessment is done by Industry Expert in Electrical Engineering field. After internal assessment and final report printing, External examination is scheduled. Prior notice will be issued to students.

Marathwada Mitra Mandal's Polytechnic
Sr. No. 4/17, Pimpri-Chinchwad, Pune-411 033.
Automotive Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mathematics
(AIIE), Automobile & Robotics | Electronics Engineering
Contact No.: 9627721132, Email ID: office@mmmpolytechnic.com

Shri. Shriprasad D. Ganage - President Shri. Bhambhesh C. Jadhav - Vice President Shri. Kishor H. Mangale - Secretary

Date: 10/10/2025

NOTICE
Department of Electrical Engineering

All Third Year Electrical Engineering Students and Second Year (Year Down) Students are hereby informed that the MSBTE 12-Week Internship External Examination (SA, PE, 100 Marks) is compulsory for all.

Date of Examination: **Sunday, 12th October 2025, 9:30 am onwards.**
Venue: Electrical Engineering Department, (201 and 210)

Instructions:

- Attendance for this examination is compulsory in the proper uniform and identity card.
- Students failing to attend the external examination will be declared ineligible for the End Semester Examination as per MSBTE regulations.
- S.Y. (Year Down) Students are also required to attend. Their marks will be counted in the next academic year (F.Y.) once they become eligible.

All students are instructed to report on time with their **Internship Report and 12-Week Diary** for the assessment.

Mrs. D. K. Nimbalkar
Internship EE Dept. Co-ordinator
Contact No.: 9621836062

(Mr. T. V. Kadam)
In-Charge Head EE Dept.

(Mrs. G.S. Joshi)
PRINCIPAL
Marathwada Mitra Mandal's
POLYTECHNIC
Thergan, Pune - 411 033.

Fig. 2.38 - Notice for External Assessment

F. Contribution to Community related projects/activities (5)	Institute Marks
	5.00

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

Sr. No.	Activity	Date and Duration	No. of Beneficiaries	Description
1	TY Students Project "Solar based Inverter for Home" (4 students)	during semester	~50+ people	solar computer, 230 watt two solar panel used, 150 Ah battery, 1 kw inverter Used in commercial use for online work on computer shop at at Ram nagar near ram mandir, dange chowk chitradwad
2	Skill Development Program for 9th-12th Students	3-5 Days Program (Multiple Batches)	~100-150 Students	Conducted skill development sessions on basic engineering, and hands-on activities to create technical awareness among school students.
3	Basic Technical Training for Industrial Personnels	2 Days	50 Industry Personnels	Faculty delivered training on fundamental mechanical, electrical, and automation concepts to improve industrial workforce efficiency.
4	Purple Jalsoh 2025 (Dhyang Mahotsav)	03 Days (17/18/19-01-2025)	~100+	To provide physical assistance to the disabled attendees to navigate the event, helping them explore exhibits or guiding them to various activity areas
5	Student Volunteering in Bajaj Grand Tour Event (Pune) (EE-30students)	1 Day Event	~500+	Students volunteered in Cycleless event supporting coordination, crowd management, and logistics while promoting fitness and social awareness.

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



Student Volunteering in Bajaj Grand Tour Event:

Skill Development Program for 9th-12th Students:



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

The Electrical Engineering department provides a robust technical infrastructure designed to support independent research, skill-mapping, and lifelong learning beyond the prescribed MSBTE curriculum.

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. **Webinars** 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.
- VI. **LMS Module On ERP For Coursewise Learning Material & Practice** for all Students.

Materials:

- I. **Reference Books:** Adequate number of standard reference books covering core subjects like Electrical Technology, Basic Electrical Engineering, Electrical Machine, Power Electronics, Power System 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, greatlearning, etc. which offer flexible courses and certifications to support continuous learning and skill development beyond the curriculum

Effective Utilization of Availability of Facilities/Materials

Sr. No	Facilities/Material	Year	Course	Beneficiary	Remark
1	Teaching-Learning-Smart Classrooms, notes, study materials	FY/SY/TY	All	All FY/SY/TY Students	Interactive and structural learning
2	Skill Development—Digital Lab, MOOCs	FY/SY/TY	All	All FY/SY/TY Students	Practical & self-paced learning
3	Academic Reference Books, Previous year Projects	FY/SY/TY	All	All FY/SY/TY Students	Deep understanding & reference support
4	Practical Work Lab Manuals, Templates	FY/SY/TY	All	All FY/SY/TY Students	Standardized practical execution
5	Innovation-EDP Cell	TY	CPE, EDP, CPP	SY/TY students	Entrepreneurship & startup skills

Sr No	Course Name	MOOCs Course Link
1	Electrical circuits	https://onlinecourses.swayam2.ac.in/e-learning/preview/mr26_ed71
2	Electrical Power Transmission and Distribution	https://onlinecourses.swayam2.ac.in/e-learning/preview/mr26_ed126
3	Electrical motors and transformers	https://onlinecourses.swayam2.ac.in/e-learning/preview/mr26_ed70
4	Fundamental of Electrical & Electronic Engg	https://onlinecourses.swayam2.ac.in/e-learning/preview/mr26_ed77
5	Maintenance and Testing of Electrical Machine	https://onlinecourses.swayam2.ac.in/e-learning/preview/mr26_ed05
6	Electricity and Electrical Wiring	https://onlinecourses.swayam2.ac.in/e-learning/preview/mr26_ed04

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

Institute Marks

5.00

The Electrical Engineering department adopts a multi-dimensional approach to learning, ensuring that the student is the primary stakeholder in the knowledge-transfer process. The implementation is categorized as follows:

I. E-Resources:

- I. **E-Notes:** e Notes help students to complete assignments and study for exams. Availability of subject-wise digital notes for all core subjects which shared through digital platforms. E-Notes supports self-learning and revision
- II. **E-Journals:** Research papers and technical publications for advanced learning
- III. **Online Learning Platforms:** Use of coursera, Alison online platform to enhance knowledge
- IV. **PPTs & Digital Notes:** Faculty prepared digital study material
- V. **Virtual Labs:** Simulation-based experiments for practical understanding
- VI. **Digital Library Access:** Access to institutional libraries

2.Experimental & Independent Learning (Clubs & Societies)

- I. **Science Club:** Encourages students to apply fundamental physics and electrical laws through mini-projects and model making.
- II. **English Club :** Focuses on soft skills, debate, and presentation skills to ensure students can communicate technical concepts effectively in a global market.
- III. **Green Club ->** A Green Club helps students protect the environment by promoting activities like tree planting, recycling, cleanliness, and saving water and energy.

Effective Implementation of Student Centric Learning Initiatives

Sr. No	E-Resource	Year	Courses	Beneficiary	Remark
1	E-Notes	FY/SY/TY	All	All FY/SY/TY Students	Provides concise digital study material for revision, self-learning, and easy access to syllabus content.
2	E-Journals	TY	CPP, CPE	TY Students	Offers access to research papers and technical publications for advanced learning and project work
3	Online Learning Platforms	FY/SY/TY	All	All FY/SY/TY Students	Supports MOOCs and skill development through platforms like Alison, Coursera
4	PPT(All Subjects)	FY/SY/TY	All	All FY/SY/TY Students	Enhances classroom teaching with visual learning and helps students in quick revision
5	Virtual Lab	FY/SY/TY	EOE, ACM, DMT	All FY/SY/TY Students	Enables simulation-based experiments for better understanding of practical concepts without physical lab constraints
6	Digital Library	FY/SY/TY	All	All FY/SY/TY Students	Access to online study materials

2.2.7 New Initiatives for embedding Professional Skills (15)

Institute Marks

15.00

A. Employability skill enhancement Initiatives and effective implementation (8)		Institute Marks																																										
		8.00																																										
<p>A. Employability Skill Enhancement Initiatives and Effective Implementation</p> <p>To bridge the gap between the academic curriculum and evolving industrial requirements, the Electrical Engineering Department has implemented a robust strategy for "Project-Based Learning" and "Industry-Standard Skill Training." These initiatives focus on high-demand automation technologies.</p> <p>1. Advanced Technical Workshop on Industrial Automation (AY 2025-26)</p> <p>The department organized a Four-Day Full-Time Practical Workshop for Third-Year (TY EE) students in collaboration with Prolific Systems & Technologies Pvt. Ltd.</p> <ul style="list-style-type: none"> Duration: 25th Feb 2026 to 28th Feb 2026. Implementation Strategy: The workshop followed a "Hands-on First" approach, moving from theoretical logic to physical hardware integration. Technical Core: <ul style="list-style-type: none"> PLC: Intensive training on Siemens S7-1200 PLC using the TIA Portal Software. Students learned hardware configuration, tag management, and ladder logic programming. HMI: Integration of Siemens HMI (Human Machine Interface) for real-time monitoring and control of industrial processes. Outcome: 100% of participating students successfully completed functional automation projects, directly enhancing their employability in the manufacturing and process control sectors. <p>2. Industry-Sponsored Specialized Training (AY 2023-24)</p> <p>The department maintains a sustained culture of skill enhancement through corporate partnerships, such as the Legrand Sponsored 3-Day Training Program.</p> <ul style="list-style-type: none"> Scope: This program focused on commercial and industrial electrical solutions, providing students with exposure to global product standards and installation practices. Impact: By involving a multinational brand like Legrand, students gained insights into industry quality standards (ISO/IEC) and professional work ethics. <p>3. Summary Table: Impact on Professional Skills</p> <table border="1"> <thead> <tr> <th>Initiative & Partner</th> <th>Focus Area</th> <th>Mapping with POs/PSOs</th> <th>Effectiveness Indicator</th> <th>Beneficiary</th> </tr> </thead> <tbody> <tr> <td>Prolific Systems (Siemens)</td> <td>PLC & HMI Automation</td> <td>PO1, PO2, PO3, PO4, PSO1, PSO2</td> <td>Student ability to program and troubleshoot industrial S7-300 systems.</td> <td>30</td> </tr> <tr> <td>Legrand Training</td> <td>Industrial Switchgear & Wiring</td> <td>PO4, PO6, PO7, PSO1, PSO2</td> <td>Exposure to electrical safety and design standards.</td> <td>20</td> </tr> <tr> <td>GTT Foundation</td> <td>EVs</td> <td>PO4, PO6, PO7, PSO1, PSO2</td> <td>Students placement in EV Sector</td> <td>20</td> </tr> </tbody> </table>			Initiative & Partner	Focus Area	Mapping with POs/PSOs	Effectiveness Indicator	Beneficiary	Prolific Systems (Siemens)	PLC & HMI Automation	PO1, PO2, PO3, PO4, PSO1, PSO2	Student ability to program and troubleshoot industrial S7-300 systems.	30	Legrand Training	Industrial Switchgear & Wiring	PO4, PO6, PO7, PSO1, PSO2	Exposure to electrical safety and design standards.	20	GTT Foundation	EVs	PO4, PO6, PO7, PSO1, PSO2	Students placement in EV Sector	20																						
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B. Personality development related Initiatives & effective implementation (7)		Institute Marks																																										
		7.00																																										
<p>Electrical Engineering (EE) program for the 2025-2026 academic year.</p> <p>I. Key Initiatives</p> <p>The department has organized five major sessions covering diverse aspects of professional and personal growth:</p> <ul style="list-style-type: none"> Career Planning: Two sessions on "Career Goals" by Mr. Aditya Shinde. Professional Certification: "BMS Certification and Career Guidance" by Mr. Karan Reddy. Mental Well-being: "Understanding Emotions and Building Resilience" by Mrs. Dhanashri Ghare. Employability: "Employability & Job Readiness Training Program" by the Naandi Foundation (Mahindra & Mahindra Group). <p>2. PO Mapping & Implementation</p> <p>The college demonstrates "Effective Implementation" by mapping these non-technical lectures to specific Program Outcomes (POs) and Program Specific Outcomes (PSOs):</p> <table border="1"> <thead> <tr> <th>Initiative</th> <th>Implementation Detail</th> <th>Mapping (POs/PSOs)</th> </tr> </thead> <tbody> <tr> <td>Industry Readiness</td> <td>Partnership with Naandi Foundation (M&M Group) for Job Readiness.</td> <td>PO3, PO5, PO6, PO8</td> </tr> <tr> <td>Holistic Development</td> <td>Focus on "Resilience" and "Emotions" alongside career goals.</td> <td>PO6 (Engineer & Society), PO8 (Ethics)</td> </tr> <tr> <td>Continuous Learning</td> <td>Guidance on BMS Certification.</td> <td>PO8, PSO1</td> </tr> </tbody> </table>			Initiative	Implementation Detail	Mapping (POs/PSOs)	Industry Readiness	Partnership with Naandi Foundation (M&M Group) for Job Readiness.	PO3, PO5, PO6, PO8	Holistic Development	Focus on "Resilience" and "Emotions" alongside career goals.	PO6 (Engineer & Society), PO8 (Ethics)	Continuous Learning	Guidance on BMS Certification.	PO8, PSO1																														
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<p>Maharashtra State Board of Technical Education DETAILS OF PERSONALITY DEVELOPMENT LECTURE <small>For AICTE Pattern Engineering Courses</small> ref: 2023/24</p> <p>Institute Name: MARATHWADA MITRAMANDALS POLYTECHNIC, THARADON, PUNE (411033) Academic Year - 2025-2026 Programme: EE</p> <table border="1"> <thead> <tr> <th>Sr. No</th> <th>Date of Lecture</th> <th>Year / Semester</th> <th>Name of Resource Person and Topic</th> <th>Name of Coordinator</th> <th>No. of Beneficiary</th> <th>Mapping with PO (PSO) Level</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>21/7/2025</td> <td>SYEE</td> <td>Mr. Aditya Shinde-Career Goals.</td> <td>Mrs. M.S. Patil</td> <td>53</td> <td>PO1, PO6, PO8, PSO1</td> </tr> <tr> <td>2</td> <td>25/9/2025</td> <td>SYEE</td> <td>Mr. Karan Reddy-BMS Certification and Career guidance.</td> <td>Mr. Tushar Kadam</td> <td>53</td> <td>PO3, PO5, PO8,</td> </tr> <tr> <td>3</td> <td>11/02/2026</td> <td>FYEE</td> <td>Mrs. Dhanashri Ghare - Understanding Emotions and Building Resilience.</td> <td>Mrs. Dhanashri V. A.</td> <td>58</td> <td>PO6, PO8</td> </tr> <tr> <td>4</td> <td>11/02/2026</td> <td>TYEE</td> <td>Naandi Foundation - Mahindra and Mahindra Group-Employability & Job Readiness Training Program.</td> <td>Mr. Ganesh Malhanakar</td> <td>43</td> <td>PO3, PO5, PO6, PO8</td> </tr> <tr> <td>5</td> <td>13/2/2026</td> <td>SYEE</td> <td>M. Aditya Shinde-Career Goals.</td> <td>Mrs. M.S. Patil</td> <td>53</td> <td>PO1, PO6, PO8,</td> </tr> </tbody> </table> <p>Name and Signature of Academic Co-ordinator: <i>[Signature]</i> Name and Signature of Head: <i>[Signature]</i> Mr. Tushar Kadam HOD Electrical Department M. M. Polytechnic, Tharadon, Pune-411 033.</p>			Sr. No	Date of Lecture	Year / Semester	Name of Resource Person and Topic	Name of Coordinator	No. of Beneficiary	Mapping with PO (PSO) Level	1	21/7/2025	SYEE	Mr. Aditya Shinde-Career Goals.	Mrs. M.S. Patil	53	PO1, PO6, PO8, PSO1	2	25/9/2025	SYEE	Mr. Karan Reddy-BMS Certification and Career guidance.	Mr. Tushar Kadam	53	PO3, PO5, PO8,	3	11/02/2026	FYEE	Mrs. Dhanashri Ghare - Understanding Emotions and Building Resilience.	Mrs. Dhanashri V. A.	58	PO6, PO8	4	11/02/2026	TYEE	Naandi Foundation - Mahindra and Mahindra Group-Employability & Job Readiness Training Program.	Mr. Ganesh Malhanakar	43	PO3, PO5, PO6, PO8	5	13/2/2026	SYEE	M. Aditya Shinde-Career Goals.	Mrs. M.S. Patil	53	PO1, PO6, PO8,
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2.2.8 Co-curricular & Extra Curricular Activities (10)		Institute Marks																																										
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<p>DETAILS OF CO-CURRICULAR ACTIVITY [2025-26]:</p>																																												

Sr. No.	Type of activity and details (paper presentation / project/ QUIZ etc.)	Date	Participating student	Organizing Body and organizing institute	Award (Winner/ Participation)	Level (State/ National etc.)	Relevant PO's & PSO's
1	State Level Project Competition "NxtGen 2K26"	14/03/2026	All branch Students (183)	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation & Winner	Institute	PO1, PO2, PO3, PO6, PO7, PSO1, PSO2
2	Idea Presentation Round of Dipex -2026	14/02/2026	03	MKSSS's Cummins College of engineering For Women, Pune	Participation	Institute	PO1, PO7, PSO1, PSO2
3	State Level Paper Presentation Competition	10/02/2026	02	Government Polytechnic Karad	Participation	State	PO1, PO2, PO3, PO6, PO7, PSO1, PSO2
4	Podium Technical Paper Presentation	20/02/2026 & 21/02/2026	02	KJ's Educational Institute, Pune	Participation/ Winner	State	PO1, PO7, PSO1, PSO2
5	Technostav-2K26 State Level Paper Presentation	16/02/2026	08	Sidhhant college of Engineering, Pune	Participation/ Winner	State	PO1, PO7, PSO1, PSO2
6	Techno Enova 2026- Technical Paper Presentation	12/02/2026	02	Bharati Vidyapith Jawaharlal Nehru Institute of Technology, Pune	Winner	National	PO1, PO7, PSO1, PSO2
7	Technostav-2K26 Quiz Competition	16/02/2026	07	Sidhhant college of Engineering, Pune	Participation	State	PO1, PO7, PSO1, PSO2

DETAIL OF EXTRA-CURRICULAR ACTIVITY 2025-26:

Sr. No.	Type of activity and details (Sports/Drama/ social/NSS etc.)	Date	Count of participating student	Organizing Body and organizing institute	Award (Winner/ Participation)	Level (State/ National etc.)	Relevant PO's & PSO's
1	NSS- Blood DOnation & Health Checkup Camp	26/02/2026	112	Marathwada Mitra Mandal Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
2	NSS- International Women's Day Celebration	02/03/2026	450	Marathwada Mitra Mandal Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
3	NSS- Youth Enlightenment & Personal Development Program	19/01/2026	200	Marathwada Mitra Mandal Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
4	NSS Volunteers- Pune Grand Tour Cyclothon 2k26	23/01/2026	227	Pune Grand Tour Cyclothon 2k26	Participation	International	PO1, PO5, PO7
5	NSS- World Environment Day Celebration	05/06/2025	20	Marathwada Mitra Mandal Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
6	NSS- Lathi Kathi Training, Yoga & Meditation & Patnatya Activities For girls Students	DEC/JAN/ FEB	75	Marathwada Mitra Mandal Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
7	IEDSSA-Chess Girls Competition	12/01/2026	02	B.V.J.N.I.O.T, Pune	Participation	Zonal	PO1, PO7
8	IEDSSA-Kabaddi Boys Competition	24/01/2026	02	Mahadev Kanchan College, Daund	Participation	Zonal	PO1, PO7
9	IEDSSA-Kabaddi Boys Competition	03/02/2026	04	Ekmath Sitaram Divekar College of Pharmacy, Vavrand, Daund	Participation	Zonal	PO1, PO7
10	IEDSSA-Kho-Kho Boys Competition	24/01/2026	02	Mahadev Kanchan College, Daund	Participation	Zonal	PO1, PO7
11	IEDSSA-Kho-Kho Girls Competition	03/02/2026	02	Ekmath Sitaram Divekar College of Pharmacy, Vavrand, Daund	Participation	Zonal	PO1, PO7
12	IEDSSA-Badminton Girls Competition	15/01/2026	01	YSPM Polytechnic, Satara	Participation	Zonal	PO1, PO7
13	IEDSSA-Football Girls Competition	06/02/2026	01	AISSMS, Pune	Participation	Zonal	PO1, PO7

14	IEDSSA-Athletics Boys Competition	23/02/2026	01	Baburao Sanas Ground, Pune	Participation	Zonal	PO1, PO7
15	IEDSSA-Athletics Boys Relay Team Competition	23/02/2026	01	Baburao Sanas Ground, Pune	Participation	Zonal	PO1, PO7
16	IEDSSA-Athletics Girls Competition	23/02/2026	01	Baburao Sanas Ground, Pune	Participation	Zonal	PO1, PO7
17	IEDSSA-Athletics Girls Relay Team Competition	23/02/2026	01	Baburao Sanas Ground, Pune	Participation	Zonal	PO1, PO7
18	World Open Silambam Campianship 2025	03/10/2025	01	Doha- Qatar	Winner	International	PO1, PO7
19	Mamitram 2K25- Cultural Event	29/12/2025	Second & Third year Students	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation & Winner	Institute	PO1, PO7
20	Inauguration of EESA Committee	25/09/2025	All Second & Third year Students	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO2, PO7
21	Celebration of Ganesh Festival	27/08/2025	All Branch Students	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
22	Celebration of Shiv Jayanti	18/02/2026	All Branch Students	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7

DETAILS OF CO-CURRICULAR ACTIVITY [2024-25]:

Sr. No.	Type of activity and details (paper presentation / project/ QUIZ etc.)	Date	Participating student	Organizing Body and organizing institute	Award (Winner/ Participation)	Level (State/ National etc.)	Relevant PO's & PSO's
1	TECHNOFEST 2K25- Project competition	15/02/2025	Third Year Students	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	State	PO1, PO2, PO3, PO6, PO7, PSO1, PSO2
2	Technical Quiz Competition	08/03/2025	All branch Students	Electrical Department of Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO7
3	Nirmithedh 25 - Project competition	21/03/2025	03	D. Y. Patil School of Engineering.	Participation	State	PO1, PO2, PO3, PO6, PO7, PSO1, PSO2
4	SSC training program	23/05/2025	Third Year Students	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO7, PSO1, PSO2

DETAIL OF EXTRA-CURRICULAR ACTIVITY 2024-25:

Sr. No.	Type of activity and details (Sports/Drama/ social/ NSS etc.)	Date	Count of participating student	Organizing Body and organizing institute	Award (Winner/ Participation)	Level (State/ National etc.)	Relevant PO's & PSO's
1	NSS- PNG Gillette Razor Guard grooming session for diploma students	14/11/2024	150	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
2	NSS Volunteers activity of Marathwada Mitra Mandals Polytechnic as Police Mitra in Collaboration with Kalewadi Police Station	19/11/2024 20/11/2024	40	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
3	NSS Volunteers activity at Marathwada Mitra Mandals Polytechnic, Thergaon, in Collaboration with Peme Election Officer & Team	14/11/2024	1000	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
4	NSS- Awareness Program on Cyber security, Social Responsibility and Community Safety with Collaboration of Kalewadi Police Station	07/01/2025	All Branch Students	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
5	NSS- PCMC, Purple Jalosh-Divyang Mahotsav worked as a volunteer	17/01/2025 18/01/2025 19/01/2025	27	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
6	NSS- BLOOD DONATION CAMP & Eye Donation Awareness session with Akshay Blood Centre	27/02/2025	53	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7

7	NSS- One Day Special Camp on Rally, Cleanliness Drive, Water Campaign, Free Plantation, and at Shindgaon	22/02/2025	96	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
8	NSS- Report on International Womens Day Celebration at MM. Polytechme	08/03/2025	90	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
9	NSS- Blood donation & health checkup with Gholap Blood Bank	20/03/2025	76	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
10	IEDSSA-Chess Boys Competition	22/01/2025	01	Bharti Vidyapith, BVJNIOT Pune	Participation	Zonal	PO1, PO7
11	IEDSSA-Football Boys Competition	24/01/2025	01	AISSMS Polytechnic, Pune	Participation	Zonal	PO1, PO7
12	IEDSSA-Kabaddi Boys Competition	28/01/2025	02	Eknath Divekar College of Pharmacy Varvand, Daund, Pune	Participation	Zonal	PO1, PO7
13	IEDSSA-Kho Kho Boys Competition	28/01/2025	01	Eknath Divekar College of Pharmacy Varvand, Daund, Pune	Participation	Zonal	PO1, PO7
14	IEDSSA-Volleyball Boys Competition	05/02/2025	01	Marathwada Mitra Mandal Polytechnic, Thergaon	Participation	Zonal	PO1, PO7
15	IEDSSA-Basketball Boys Competition	08/02/2025	01	JSPM Polytechnic Hadapsar, Pune	Participation	Zonal	PO1, PO7
16	IEDSSA-Cricket Boys Competition	13/02/2025 to 17/02/2025	01	AISSMS Polytechnic, Pune	Winner	Zonal	PO1, PO7
17	IEDSSA-Athletics Boys Competition	27/02/2025	02	Sanas Ground, PVG's MPIT, Pune	Winner + Participation	Zonal	PO1, PO7
18	IEDSSA-Athletics Boys Relay Competition	27/02/2025	01	Sanas Ground, PVG's MPIT, Pune	Participation	Zonal	PO1, PO7
19	IEDSSA-Athletics Boys & Girls Competition	01/03/2025 to 02/03/2025	01	Samarth Polytechnic, Belhe, Junnar	Participation	Zonal	PO1, PO7
20	Mamitram 2K24- Cultural Event	18/02/2025	Second & Third year Students	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation & Winner	Institute	PO1, PO7
21	Inauguration of EESA Committee	15/09/2024	All Second & Third year Students	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO2, PO7
22	Celebration of Ganesh Festival	27/08/2024	All Branch Students	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
23	Celebration of Shiv Jayanti	18/02/2025	All Branch Students	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7

DETAILS OF CO-CURRICULAR ACTIVITY [2023-24]:

Sr. No.	Type of activity and details (paper presentation / project/ QUIZ etc.)	Date	Participating student	Organizing Body and organizing institute	Award (Winner/ Participation)	Level (State/ National etc.)	Relevant PO's & PSO's
1	Microproject Competition	23/10/2023	SY EE and TY EE all students	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO2, PO3, PO6, PO7, PSO1, PSO2
2	Workshop on Entrepreneurship Development	07/09/2023 to 09/09/2023	Third Year Students	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO3, PO5, PO7, PSO1, PSO2
3	Quiz competition	17/02/2024	All branch Students	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO3, PO5, PO7, PSO1, PSO2
4	Poster Presentation Competition	15/09/2023	All branch Students	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO3, PO5, PO7, PSO1, PSO2

DETAIL OF EXTRA-CURRICULAR ACTIVITY 2023-24:

Sr. No.	Type of activity and details (Sports/ Drama/ social/ NSS etc)	Date	Count of participating student	Organizing Body and organizing institute	Award (Winner/ Participation)	Level (State/ National etc.	Relevant PO's & PSO's
1	NSS- Honda BigWing with Fabstar Music Talent Hunt	20/03/2024	All Branch Students	Marathwada Mitra Mandal Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
2	NSS- Road Safety, Helmet Awareness & Traffic Rule Adherence	20/03/2024	210	Marathwada Mitra Mandal Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
3	NSS- Cleanliness drive, Tree Plantation, at NGO- Gunukulam, Chinchwad	02/03/2024	30	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
4	NSS- Special camp- Cleanliness drive. Tree Plantation, Save Water campaign at Darumbre	10/03/2024	30	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
5	NSS- Road Safety, Helmet awareness & Traffic rules Adherence	20/03/2024	40	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7
6	Session on Confidence building	15/02/2024	All F.Y.SY & TY Electrical Students	Marathwada Mitra Mandals Polytechnic, Thergaon	Participation	Institute	PO1, PO5, PO7

3 COURSE OUTCOMES AND PROGRAM OUTCOMES (100)

Total Marks 100.00

Define the Program specific outcomes

PSO1	Electrical Equipment: Maintain various types of rota
PSO2	Electric Power Systems: Maintain different types of

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 :	2025-26
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 02	Course Year :	2025-26
Course Name	Statements		
C1 02.1	Solve the broad-based engineering problems of integration using suitable methods.		
C1 02.2	Use definite integration to solve given engineering related problems.		
C1 02.3	Apply the concept of differential equation to find the solutions of given engineering problems.		
C1 02.4	Employ numerical methods to solve programme specific problems.		
C1 02.5	Use probability distributions to solve elementary engineering problems.		
Course Name :	C2 01	Course Year :	2025-26
Course Name	Statements		
C2 01.1	Analyze the parameters of single-phase AC series circuits.		
C2 01.2	Analyze the parameters of single-phase AC parallel circuits		
C2 01.3	Analyze the parameters of polyphase AC circuits.		
C2 01.4	Apply network reduction methods to solve DC circuits.		
C2 01.5	Apply network theorems to solve basic electrical circuits.		
Course Name :	C2 02	Course Year :	2025-26
Course Name	Statements		
C2 02.1	Identify the relevant Environmental issues in specified locality.		
C2 02.2	Provide the green solution to the relevant environmental problems.		

C2.0.3	Conduct SWOT analysis of biodiversity hotspot
C2.0.4	Apply the relevant measures to mitigate the environmental pollution.
C2.0.5	Implement the environmental policies under the relevant legal framework.

Course Name : Course Year :

Course Name	Statements
C3 01.1	Test the performance of three phase induction motor.
C3 01.2	Control the speed of three phase induction motor using appropriate technique(s).
C3 01.3	Use single phase induction motor for industrial applications.
C3 01.4	Test the performance of three phase alternator.
C3 01.5	Use special purpose electrical machines for industrial applications.

Course Name : Course Year :

Course Name	Statements
C3 02.1	Follow safe practices to prevent accidents while using electrical equipment.
C3 02.2	Prepare maintenance schedules for electrical equipment.
C3 02.3	Maintain rotating electrical machines.
C3 02.4	Maintain single phase and three phase transformers.
C3 02.5	Maintain insulation systems of electrical equipment.

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	1.25	1.00	1.00	1.00	1.00	1.00

2. course name : C202

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C102.1	3	1	-	1	-	-	1
C102.2	3	1	-	-	1	-	1
C102.3	3	2	1	1	1	1	1
C102.4	2	3	2	2	1	1	1
C102.5	2	2	1	1	2	1	2
Average	2.60	1.80	1.33	1.25	1.25	1.00	1.20

3. course name : C301

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C201.1	3	3	2	3	-	-	3
C201.2	3	3	2	3	-	-	3
C201.3	3	3	1	3	-	-	3
C201.4	3	3	2	2	-	-	3
C201.5	3	3	3	3	-	-	3
Average	3.00	3.00	2.00	2.80	0.00	0.00	3.00

4. course name : C302

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C202.1	3	1	2	3	3	2	3
C202.2	3	1	2	1	2	2	3
C202.3	3	1	2	1	2	2	3
C202.4	3	1	2	1	2	2	3
C202.5	3	1	2	1	2	2	3
Average	3.00	1.00	2.00	1.40	2.20	2.00	3.00

5. course name : C401

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C301.1	3	2	-	3	-	2	1
C301.2	3	3	-	3	-	2	1
C301.3	3	1	-	3	-	2	1
C301.4	3	1	-	3	1	2	1
C301.5	3	2	1	3	-	2	1
Average	3.00	1.80	1.00	3.00	1.00	2.00	1.00

6. course name : C402

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C302.1	2	1	-	-	2	-	-
C302.2	1	2	-	1	2	1	-
C302.3	3	1	-	2	1	1	-
C302.4	3	1	-	2	1	1	-
C302.5	3	1	-	2	2	1	-
Average	2.40	1.20	0.00	1.40	1.60	0.80	0.00

1. Course Name : C201

Course	PSO1	PSO2
C101.1	-	-
C101.2	-	-

C101.3	-	▼	-	▼
C101.4	-	▼	-	▼
C101.5	-	▼	-	▼
Average	0.00		0.00	

2 . Course Name : C202

Course	PSO1	PSO2		
C102.1	-	▼	-	▼
C102.2	-	▼	-	▼
C102.3	-	▼	-	▼
C102.4	-	▼	-	▼
C102.5	-	▼	-	▼
Average	0.00		0.00	

3 . Course Name : C301

Course	PSO1	PSO2		
C201.1	2	▼	2	▼
C201.2	2	▼	2	▼
C201.3	3	▼	3	▼
C201.4	2	▼	2	▼
C201.5	2	▼	2	▼
Average	2.20		2.20	

4 . Course Name : C302

Course	PSO1	PSO2		
C202.1	2	▼	2	▼
C202.2	2	▼	2	▼
C202.3	3	▼	3	▼
C202.4	2	▼	2	▼
C202.5	2	▼	2	▼
Average	2.20		2.20	

5 . Course Name : C401

Course	PSO1	PSO2		
C301.1	3	▼	-	▼
C301.2	3	▼	-	▼
C301.3	3	▼	-	▼
C301.4	3	▼	-	▼
C301.5	3	▼	-	▼
Average	3.00		0.00	

6 . Course Name : C402

Course	PSO1	PSO2		
C302.1	1	▼	-	▼
C302.2	2	▼	1	▼
C302.3	3	▼	1	▼
C302.4	3	▼	2	▼
C302.5	2	▼	1	▼
Average	2.20		1.00	

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
EK101	3.00	1.25	1.00	1.00	1.00	1.00	1.00
EK102	1.00	1.00	0.00	0.00	0.00	2.00	1.00
EK103	3.00	1.50	1.00	1.50	1.50	1.00	1.00
EK104	1.00	2.00	1.00	3.00	0.00	0.00	1.67
EK105	0.00	0.00	0.00	0.00	2.67	0.00	0.00
EK106	3.00	0.00	0.00	2.80	2.20	3.00	1.00
EK107	3.00	0.00	0.00	2.00	0.00	2.00	0.00
EK201	2.60	1.80	1.33	1.25	1.25	1.00	1.20
EK202	3.00	1.33	1.00	1.17	1.50	1.50	1.50
EK203	2.00	1.00	1.00	1.00	1.80	1.00	2.00
EK204	3.00	1.00	1.00	1.60	1.75	0.00	2.00
EK205	1.00	1.00	1.00	0.00	1.00	3.00	1.00
EK206	1.00	1.33	1.00	1.00	2.80	2.80	3.00
EK207	1.80	1.00	1.00	2.00	0.00	0.00	2.00
EK301	3.00	3.00	2.00	2.80	0.00	0.00	3.00
EK302	3.00	2.40	1.40	2.20	2.40	2.40	2.00
EK303	3.00	1.60	1.25	1.80	1.50	1.00	2.00
EK304	2.80	2.20	1.75	2.80	2.00	1.33	2.20
EK305	1.00	2.00	0.00	1.00	2.00	0.00	1.00
EK306	3.00	2.00	2.20	2.00	1.60	1.40	2.20
EK401	1.00	1.50	2.00	0.00	3.00	1.80	2.60
EK402	3.00	2.40	1.40	2.20	2.40	2.40	2.00
EK403	3.00	1.60	2.40	2.20	2.80	2.20	3.00
EK404	3.00	3.00	2.25	1.80	1.00	1.50	1.40
EK405	3.00	0.00	3.00	2.00	1.00	1.00	1.00
EK406	3.00	1.00	2.25	3.00	1.25	2.00	2.00
EI501	3.00	1.00	2.00	1.00	1.00	2.20	2.20
EI502	3.00	2.50	2.40	2.60	1.60	1.75	3.00

EI503	3.00	2.50	2.40	2.60	1.60	1.75	3.00
EI504	1.00	2.00	1.80	0.00	1.00	2.00	3.00
EI505	2.00	3.00	3.00	3.00	3.00	2.00	3.00
EI506	3.00	1.67	2.50	2.80	0.00	0.00	3.00
EI507	3.00	2.50	2.40	2.60	1.60	1.75	3.00
EI508	2.80	2.00	2.40	2.50	1.40	1.75	2.60
EI601	3.00	2.50	2.40	2.60	1.60	1.75	3.00
EI602	2.40	1.20	0.00	1.40	1.60	0.80	0.00
EI603	1.40	2.00	2.50	2.33	3.00	1.75	3.00
EI604	2.00	1.20	2.50	1.83	2.00	2.67	2.83
EI605	2.80	2.00	2.40	2.50	1.40	1.75	2.60
EI606	2.80	2.00	2.40	2.50	1.40	1.75	2.60

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

Course	PSO1	PSO2
EK101	0.00	0.00
EK102	0.00	0.00
EK103	1.00	1.00
EK104	0.00	0.00
EK105	0.00	0.00
EK106	0.00	0.00
EK107	0.00	0.00
EK201	0.00	0.00
EK202	1.33	0.67
EK203	2.00	2.00
EK204	1.00	0.00
EK205	0.00	0.00
EK206	0.00	0.00
EK207	1.00	1.00
EK301	2.20	2.20
EK302	1.20	3.00
EK303	2.20	2.20
EK304	1.60	2.00
EK305	0.00	0.00
EK306	2.20	2.20
EK401	0.00	0.00
EK402	2.20	2.20
EK403	2.50	0.00
EK406	1.50	1.50
EI501	0.00	0.00
EI502	2.25	2.50
EI503	2.25	2.50
EI504	0.00	0.00
EI505	3.00	1.80
EI506	2.67	2.60
EI507	2.25	2.50
EI508	2.20	2.40
EI601	2.25	2.50
EI602	2.20	1.00
EI603	2.00	1.50
EI604	1.67	1.83
EI605	1.67	1.20
EI606	2.20	2.40

3.2 Attainment of Course Outcomes (40)

Total Marks 40.00

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)

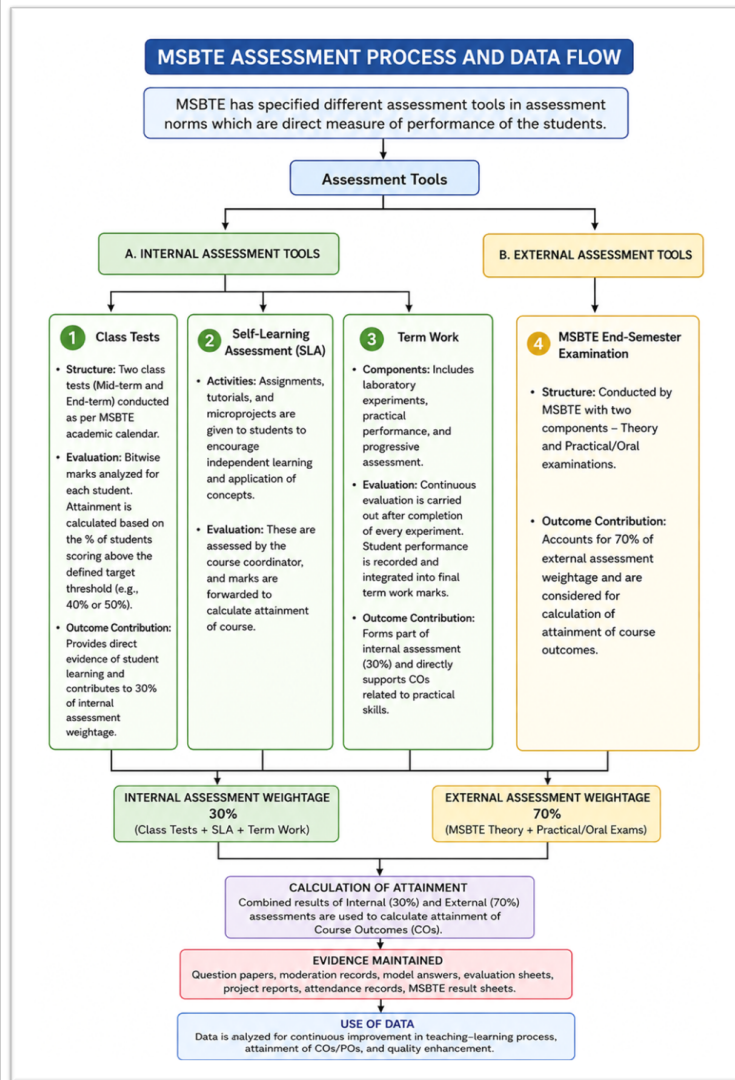
- Activities: Assignments, tutorials, and microprojects are given to students to encourage independent learning and application of concepts.
- Evaluation: These are assessed by the course coordinator, and marks are forwarded to calculate attainment of course.

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
30.00

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
	40	43	46

CO - PO MAPPING AND CO - PSO MAPPING

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	Course Outcome	PSO1	PSO2
EE502.1	2	3	3	3	3	2	3	EE502.1	3	3
EE502.2	2	3	3	3	3	2	3	EE502.2	3	1
EE502.3	2	3	3	3	3	2	3	EE502.3	3	3
EE502.4	2	3	3	3	3	2	3	EE502.4	3	1
EE502.5	2	3	3	3	3	2	3	EE502.5	3	1
0								0		
Total	10	15	15	15	15	10	15	CI302 TOTAL	15	9
Correlation Level	2.00	3.00	3.00	3.00	3.00	2.00	3.00	Correlation Level	3.00	1.80
Course Target %	46									

Table 1. 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																										
Roll No.	QUESTIONS	CLASS TEST-I																		COI	Total Attempted	%	Score based on scale of 3	CO2	Total Attempted	%
		Q1_ ANY 5_ 10 MARKS						Q2_ ANY 5_ 10 MARKS						Q3_ ANY 5_ 20 MARKS												
		COURSE OUTCOMES						COURSE OUTCOMES						COURSE OUTCOMES												
		CO1	CO1	CO1	CO2	CO2		CO1	CO1	CO1	CO2	CO2														
	SUB QUESTIONS	A	B	C	D	E	F	A	B	C	D	E														
	Max. marks	2	2	2	2	2	2	4	4	4	4	4														
200483	THAKARE BARTIK	2	2	2			1	1	3		2															
210407	GHOSHAN VIBHAR RAMNARESH	2		2			0																			
210430	NIGAM SAHLI	2	2	2	2	1		2	4																	
210492	PARATE ROHAN	2	2	2	2	2	1		3	3																
210469	BHAPKAR RUSHIKESH																									
220401	ANANDRAO ATHARVA SANTOSH	2	2	2	2	1	1	3	4		4															
220402	ANIKET BALAJI DITTE	2	2	2	2		1	4	4	1	3															
220403	BANVE AMRUTA AMBARAD	2	2	2	2	2		2	4	4	4															
220409	CHAVAN SHREERAY YOTISH	2	2	2	2	1		4	4	4	3	2														
220410	GAIKWAD AYUSH CHANDRASEN	2	2	2	2	2	1	4	4	4	3	1														
220411	JADHAV PRATIK RADGAKHE	2	2	2	2	2	0	4	4	4	3															
220417	KADAM SHIKH CHANDRAKANT	2	2	2	2	0	0	3	4	4	3	2														
220421	KAWADE DEEPAJ DATT	2	2	2	2	2	1	2	4	4	3	1														
220423	KHEDEKAR JASHVEE PRAVIN	0	2	2	2	2	2	3	4	4	3															
220425	KUNAL SANDIP JADHAV	2	2	2	2	2	1	2	4	4	1															
220428	MISHRA JAY SHRIH	2	2	2	2	2	1	2	4	4	2	2														
220429	MOHITE MBINDRAY MANISH	2	2	2	2	2	1		4	4	3	2														
220431	NAYAK SUBHASHISH SUBHASH	2	2	2	2	2	1		4	4	3	1														
220432	NIMBALKAR VAISHNAVI SANDIP	2	2	2		0	2	2	4	4	3															

Table 2. 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
230484	YAWALE NISHANT SUNIL	8	Y
CO Attainment		SLA / Microproject	
Total No. of students (M)		42	100.00
Total No. of students (N)		0	0.00

Table 3 . Measuring attainment through Self Learning Assessment

MEASURING CO ATTAINMENT THROUGH PRACTICAL ASSESSMENT												
Roll No.	Name of Student	Total No Of Experiment	No of Experiment on perticular CO	Course Outcome with weightage								
				EE502.1	EE502.2	EE502.3	EE502.4	EE502.5	0			
				8	2	2	0	2				
230481	RATHOD ASHOK SHANTARAM	23	13.1429	Y	3.28571	Y	3.28571	Y	0	Y	3.28571	Y
230482	RAUT SAURABH PANDURANG	22	12.5714	Y	3.14286	Y	3.14286	Y	0	Y	3.14286	Y
230483	SAWANT JANMESH SUHAS	19	10.8571	Y	2.71429	Y	2.71429	Y	0	Y	2.71429	Y
230484	YAWALE NISHANT SUNIL	22	12.5714	Y	3.14286	Y	3.14286	Y	0	Y	3.14286	Y
CO Attainment			EE502.1	EE502.2	EE502.3	EE502.4	EE502.5	0				
Total No. of students (M)			42	100.00	42	100.00	42	100.00	42	100.00	42	100.00
Total No. of students (N)			0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
CO Attainment			EE502.1	100.00	EE502.2	100.00	EE502.3	100.00	EE502.4	100.00	EE502.5	100.00
												0

Table 4. 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	Course Outcome with weightage									
						EE502.1	EE502.2	EE502.3	EE502.4	EE502.5	0				
						8	8	8	8	8	8				
230481	RATHOD ASHOK SHANTARAM	40	25	95	100	8	Y	8	Y	8	Y	8	Y	8	Y
230482	RAUT SAURABH PANDURANG	48	20	68	72	6	Y	6	Y	6	Y	6	Y	6	Y
230483	SAWANT JANMESH SUHAS	46	18	64	67	6	Y	6	Y	6	Y	6	Y	6	Y
230484	YAWALE NISHANT SUNIL	43	20	63	66	6	Y	6	Y	6	Y	6	Y	6	Y
CO Attainment						EE502.1	EE502.2	EE502.3	EE502.4	EE502.5	0				
Total No. of students (Y)						39	92.86	39	92.86	39	92.86	39	92.86	39	92.86
Total No. of students (N)						3	7.14	3	7.14	3	7.14	3	7.14	3	7.14

	FUNDAMENTALS OF ICT	EK104	70	3	Attain
	YOGA AND MEDITATION	EK105	70	3	Attain
	ENGINEERING WORKSHOP PRACTICES	EK106	70	3	Attain
	ENGINEERING GRAPHICS	EK107	70	3	Attain
II	APPLIED MATHEMATICS	EK201	70	3	Attain
	APPLIED SCIENCE	EK202	70	3	Attain
	ELEMENTS OF ELECTRONICS	EK203	70	3	Attain
	FUNDAMENTAL OF ELECTRICAL ENGINEERING	EK204	70	2	Moderate Attain
	PROFESSIONAL COMMUNICATION	EK205	70	3	Attain
	SOCIAL AND LIFE SKILLS	EK206	70	3	Attain
	BASIC MECHANICAL ENGINEERING	EK207	70	3	Attain
III	ELECTRICAL CIRCUITS AND NETWORK	EK301	60	1	Low Attain
	ELECTRICAL MATERIAL AND WIRING PRACTICE	EK302	70	3	Attain
	FUNDAMENTALS OF POWER ELECTRONICS	EK303	60	1	Low Attain
	ELECTRICAL AND ELECTRONIC MEASUREMENT	EK304	60	1	Low Attain
	ELECTRICAL POWER GENERATION, TRANSMISSION AND DISTRIBUTION-	EK305	60	1	Low Attain
	ESSENCE OF INDIAN CONSTITUTION	EK306	70	3	Attain
IV	ENVIRONMENTAL EDUCATION AND SUSTAINABILITY	EK401	60	1	Low Attain
	D.C. MACHINES AND TRANSFORMERS	EK402	70	3	Attain
	UTILIZATION OF ELECTRICAL ENERGY	EK403	60	1	Low Attain
	DIGITAL ELECTRONICS AND MICROCONTROLLER APPLICATIONS	EK404	60	1	Low Attain
	ELECTRICAL ESTIMATING AND CONTRACTING	EK405	70	3	Attain
	COMPUTER AIDED DRAWING AND SIMULATION	EK406	70	3	Attain
V	ENTERPRENURESHIP DEVELOPMENT	EI501	70	3	Attain
	INDUSTRIAL TRAINING	EI502	70	3	Attain
	CAPSTONE PROJECT PLANNING	EI503	70	3	Attain
	MANAGEMENT	EI504	70	3	Attain
	INDUSTRIAL AC MACHINES	EI505	70	3	Attain
	SWITCHGEAR AND PROTECTION	EI506	70	3	Attain
	ENERGY CONSERVATION AND AUDIT	EI507	70	3	Attain
	ELEMENTS OF INDUSTRIAL AUTOMATION	EI508	70	3	Attain
VI	CAPSTONE PROJECT -EXECUTION & REPORT WRITING	EI601	70	3	Attain
	MAINTENANCE OF ELECTRIC EQUIPMENT	EI602	70	3	Attain
	UTILIZATION OF ELECTRICAL ENERGY	EI603	70	3	Attain
	ELECTRICAL ESTIMATION AND CONTRACTING	EI604	70	3	Attain
	EMERGING TRENDS IN ELECTRICAL ENGINEERING	EI605	70	3	Attain
	ELECTRIC SUBSTATION PRACTICES	EI606	70	3	Attain

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 assessing 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)

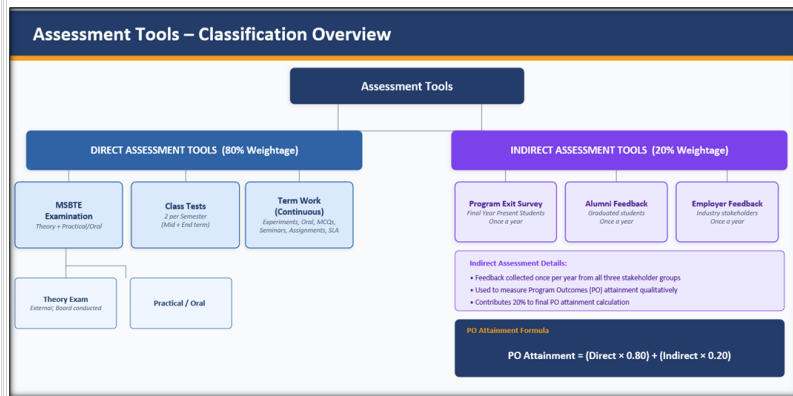


Fig 3.1: Assessment Tools for CO attainment

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**.

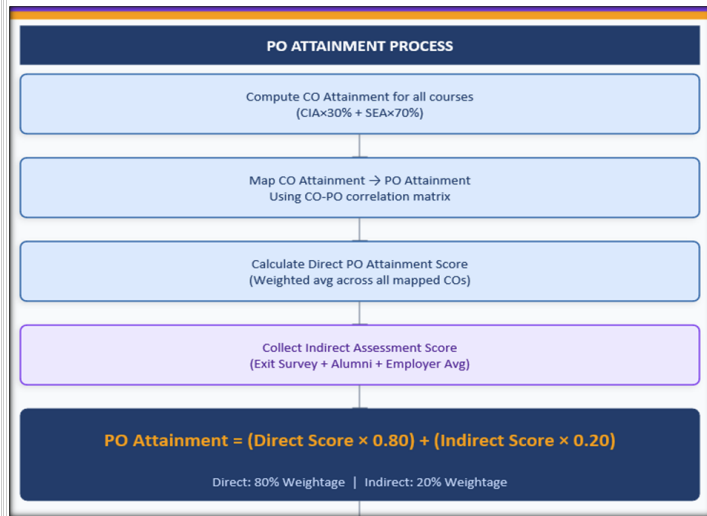
MSBTE Examinations consist of two components — Theory and Practical/Oral — conducted at the end of each semester.

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.



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	1	1	0	0	0	2	1
C1103	3	1.5	1	1.5	1.5	1	1
C1104	1	2	1	3	0	0	1.67
C1105	0	0	0	0	2.67	0	0
C1106	3	0	0	2.8	2.4	2.6	1
C1107	3	0	0	2	0	2	0
C1201	2.6	1.8	1.33	1.25	1.25	1	1.2
C1202	3	1.33	1	1.17	1.5	1.5	1.5
C1203	1.87	0.89	0.93	0.93	1.67	0.89	1.87
C1204	2	0.67	0.67	1.07	1.17	0	1.33
C1205	1	1	1	0	1	3	1
C1206	1	1.33	1	1	2.8	2.8	3
C1207	2.2	2.25	2.33	2.6	1.5	1.6	3
C2301	2.40	2.40	1.6	2.27	0	0	2.4
C2302	3	2	2.2	2	1.6	1.4	2.2
C2303	0.93	0.73	0.58	0.93	0.33	0.44	0.87

C2304	1.4	0.67	0.58	0.87	0.83	0.47	0.93
C2305	2	1.6	0.8	1.47	1.6	1.53	1.33
C2306	1	2	0	1	2	0	1
C2401	0.67	0.33	0.67	0	1.6	0.93	1.33
C2402	3	2.4	1.4	2.2	2.4	2.4	2
C2403	1	0.53	0.8	0.73	0.93	0.73	1
C2404	1	1	0.75	0.60	0.33	0.50	0.47
C2405	3	0	3	2	1	1	1
C2406	3	1	2.25	3	1.25	2	2
C3501	3	1	2	1	1	2.2	2.2
C3502	1	2	0	1	2	0	1
C3503	1.8	2.2	1.8	1.33	1.8	1.6	1
C3504	2.4	2	1.6	1.4	2.4	2.4	2
C3505	2	3	3	3	3	2	3
C3506	3	1.67	2.5	2.8	0	0	3
C3507	3	2.5	2.4	2.6	1.6	1.75	3
C3508	1	1	2	2	2	0	2
C3601	3	2.5	2.4	2.6	1.6	1.75	3
C3602	2.4	1.2	0	1.4	1.6	0.8	0
C3603	1.4	2	2.5	2.33	3	1.75	3
C3604	2	1.2	2.5	1.83	2	2.67	2.83
C3605	2	2	1.25	0	2	3	3
C3606	2.8	2	2.5	2.5	0	0	2.6

PO Attainment Level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
Direct Attainment	2.02	1.53	1.57	1.73	1.64	1.61	1.79
InDirect Attainment	2.72	2.63	2.73	2.80	2.30	2.30	2.71
PO Attainment	2.16	1.75	1.80	1.94	1.77	1.75	1.97

PSO Attainment

Course	PSO1	PSO2
C1101	0	0
C1102	0	0
C1103	1	1
C1104	0	0
C1105	0	0
C1106	0	0
C1107	0	0
C1201	0	0
C1202	1.34	0.67
C1203	1.87	1.87
C1204	0.67	0
C1205	0	0
C1206	0	0
C1207	0	0
C2301	1.73	1.73
C2302	2.2	2.2
C2303	1	1
C2304	1	1
C2305	1.47	1.47
C2306	0	0
C2401	0.67	0.20
C2402	2.2	2.2
C2403	0.83	0
C2404	0.33	0.33
C2405	2.2	2.2
C2406	1.5	1.5
C3501	0	1
C3502	0	0
C3503	1.25	1.20
C3504	1.20	1.20
C3505	3	1.8
C3506	2.67	2.60
C3507	2.25	2.50
C3508	0	1
C3601	2.25	2.50
C3602	2.2	1
C3603	2	1.5
C3604	1.67	1.83
C3605	2.5	2
C3606	2	2.4

PSO Attainment Level

Course	PSO1	PSO2
Direct Attainment	1.65	1.53

InDirect Attainment	2.74	2.75
PSO Attainment	1.87	1.77

4 STUDENTS' PERFORMANCE (200) Total Marks 120.96

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)	61	60	59	65	42	38
Number of students, admitted through Institute level quota (N2)	3	2	5	3	3	1
Number of students, admitted through Lateral Entry (N3)	0	10	12	15	25	26
Total number of students admitted in the programme(N1 + N2 + N3)	64	72	76	83	70	65

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	64	0	0	0
2024-25	72	26	0	0
2023-24	76	27	30	0
2022-23 (LYG)	83	22	25	24
2021-22 (LYGm1)	70	1	7	6
2020-21 (LYGm2)	65	30	9	7

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	64	0	0	0
2024-25	72	46	0	0
2023-24	76	51	44	0
2022-23 (LYG)	83	31	37	35
2021-22 (LYGm1)	70	13	16	12
2020-21 (LYGm2)	65	37	24	13

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	62	103.33
2024-25	60	62	103.33
2023-24	60	64	106.67

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

Assessment : 20.00

4.2 Success Rate in the stipulated period of the program (60)

Total Marks 11.67

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

Institute Marks

6.40

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)	83.00	70.00	65.00
Number of students who have graduated without backlogs in the stipulated period (Y)	24.00	6.00	7.00
Success Index [SI = Y / X]	0.29	0.09	0.11

Average SI [(SI1 + SI2 + SI3) / 3] : 0.16

Assessment [40 * Average SI] : 6.40

4.2.2 Success rate in stipulated period (20)

Institute Marks

5.27

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)	83.00	70.00	65.00
Number of students who have passed	35.00	12.00	13.00

in the stipulated period (Y)			
Success Index [SI = Y / X]	0.42	0.17	0.20
Average SI [(SI1 + SI2 + SI3) / 3] : 0.26			
Assessment [20 * Average SI] : 5.27			

4.3 Academic Performance in First Year (25)

Total Marks 12.78

		Institute Marks
		12.78

Academic Performance	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
Mean of CGPA or mean percentage of all successful students(X)	7.82	7.87	7.15
Total number of successful students(Y)	46.00	51.00	31.00
Total number of students appeared in the examination(Z)	62.00	64.00	68.00
API [X*(Y/Z)]:	5.80	6.27	3.26

Average API [(API + AP2 + AP3)/3] : 5.11

Assessment [2.5 * AverageAPI] : 12.78

4.4 Academic Performance in Second Year (20)

Total Marks 8.02

		Institute Marks
		8.02

Academic Performance	2023-24(CAYm2)	2022-23(CAYm3)	2021-22(CAYm4)
Mean of CGPA or mean percentage of all successful students(X)	6.39	6.01	6.32
Total number of successful students (Y)	44.00	37.00	16.00
Total number of students appeared in the examination (Z)	63.00	46.00	37.00
API [X * (Y/Z)]	4.46	4.84	2.73

Average API [(API + AP2 + AP3)/3] : 4.01

Assessment [2.0 * AverageAPI] : 8.02

4.5 Academic Performance in Final Year (15)

Total Marks 8.49

		Institute Marks
		8.49

Academic Performance	2022-23 (LYG)	2021-22 (LYGm1)	2020-21(LYGm2)
Mean of CGPA or mean percentage of all successful students(X)	7.81	7.80	6.90
Total number of successful students(Y)	35.00	12.00	13.00
Total number of students appeared in the examination(Z)	37.00	16.00	24.00
API [X*(Y/Z)]:	7.39	5.85	3.74

Average API [(API + AP2 + AP3)/3] : 5.66

Assessment [1.5 * AverageAPI] : 8.49

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)	37.00	16.00	24.00
No of students placed in the companies or government sector(X)	16.00	6.00	6.00
No of students admitted to higher studies (Y)	18.00	4.00	6.00
No. of students turned entrepreneur in the respective field of engineering/technology (Z)	0.00	2.00	0.00
Placement Index [((1.25 * X) + Y + Z) / N] :	1.13	1.14	1.16
Average Placement [(P1 + P2 + P3)/3] : 1.14			

Assessment [40 * Average Placement] : 45.60

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 : Electrical Engineering

Assessment Year : 2024-25 (CAYm1)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	BAMNE AMRUTA AMBADAS	2209890266	Mahindra Auto Steel Pvt. U	
2	CHAVAN SHREEJAY JYOTIS	2209890271	Drives Controls and Autom	
3	KADAM SHLOK CHANDRAK	2209890279	Teamlease Services Ltd - S	
4	KHEDEKAR JANHVEE PRAV	2209890285	Mahindra Auto Steel Pvt. U	
5	KUNAL SANDIP JADHAV	2209890287	Tata AutoComp Systems Lt	
6	NAYAK SUBHASISH SUBHA	2209890293	Drives Controls and Autom	
7	NIMBALKAR VAISHNAVI SA	2209890294	Mahindra Auto Steel Pvt. U	
8	PATIL OM RAJENDRA	2209890297	Mahindra Auto Steel Pvt. U	
9	RAJPUT MANTHAN MAHEN	2209890303	SK Electricals, Pune	
10	SAIL RAVISHA DINESH	2209890305	Mahindra Auto Steel Pvt. U	
11	SWAMI AISHWARYA KARTI	2209890318	Mahindra Auto Steel Pvt. U	

12	TONPEKAR SOHAM PRAMC	2209890324	Teamlease Services Ltd - S	
13	GAIKWAD RAJU SHANTAR	23212280346	NKCC Pvt. Ltd.	
14	KHOCHARE KARNARAJ SUI	23212280353	Mahindra Auto Steel Pvt. U	
15	SAWANT JANMESH SUHAS	23212280358	SK Electricals, Pune	
16	YAWALE NISHANT SUNIL	23212280359	Technique Control Facility I	

Assessment Year : 2023-24 (CAYm2)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	KALE PRATHAMESH RAMES	KALE PRATHAMESH RAME	Entrepreneur	
2	PANDHARE SOMNATH MAF	2109890223	SK Electricals, Pune	
3	SHAIKH AAYAN RIYAJ	2109890230	SKF India (Industrial) Ltd	
4	DALVI ROHIT BALU	2209890454	Drives Controls and Autom	
5	POKHARKAR KOMAL HANU	2209890467	Entrepreneur	
6	SANJANA LAXMAN DEVKAF	2209890469	SKF India (Industrial) Ltd	
7	SHINDE MANGESH PADMA	2209890471	SK Electricals, Pune	
8	TAYADE AKSHAY SANJAY	2209890475	AYAAN Autonomous System	

Assessment Year : 2022-23 (CAYm3)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	JADHAV ADITYA SHIRISH	2009890156	SK Electricals, Pune	
2	LAMBHATE MADHURA RAJI	2009890163	Drives Controls and Autom	
3	NIKHIL KARANDE	2009890168	SK Electricals, Pune	
4	SHITOLE SURAJ RAMDAS	2009890178	Drives Controls and Autom	
5	KOTHERE PRAMOD NARAY	2109890279	SK Electricals, Pune	
6	SHINDE VISHAL MARUTI	2109890288	MSCB	

4.7 Professional Activities (20)

Total Marks 20.00

4.7.1 Professional societies/ student chapters and organizing technical events (10)

Institute Marks

10.00

A. Availability of Professional Societies/Chapters & Relevant activities (5)

Institute Marks

5.00

I. Electrical Engineering Student Association (EESA)

Marathwada Mitra Mandal's Polytechnic
Thergaon, Pune - 411 033.
Electrical Engineering Students' Association
(EESA) 2025-2026

Omkar Bhosale
President
7385825247

Santosh Koli
Vice President
9850620424

Soham Bendale
Secretary
9356232237

Sarang Darade
Digital Coordinator
8492916981

Shruti Shelke
Event Coordinator
9880762536

Pravin Shinde
Cultural Co-ordinator
9511800741

Ashish Shinde
Technical Event
8308943116

Saee Honkar
Non-technical Event
8788344369

Pranjal Datt
Faculty Representative
7249580915

Sarvesh Pawar
Media Coordinator
9730818191

Rahul Phulsundar
Sport Co-ordinator
8767712461

Sayog Vaidya
Out-door Sports
9022836853

Piyush Vanjari
In-door Sports
8668211688

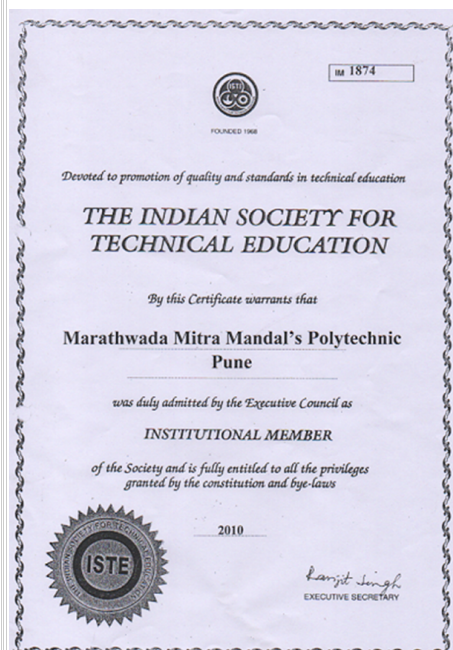
Mr. A. D. Nikam
[Faculty Co-ordinator]

Mr. T. V. Kadam
[HOD]

Mrs. G. S. Joshi
[Principal]

- **Established Student Body:** The Electrical Engineering Department has an active professional society known as the **Electrical Engineering Students Association (EESA)**.
- **Organizational Structure:** EESA is a collaborative body comprising Second Year (SY) and Third Year (TY) students, fostering peer-to-peer learning and leadership.
- **Faculty Oversight:** To ensure the structured execution of activities and industry collaboration, a dedicated **Faculty Coordinator** is appointed to supervise the association.
- **Platform for Growth:** EESA serves as the primary platform for students to organize and participate in co-curricular activities that align with industry standards.

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



B. Number, quality of engineering events (5)

Institute Marks

5.00

Events Organized by EESA.

Sr. No.	Academic Year	Type of Event	Date	Activities Conducted
1	2025-26	Technical Event	14/03/2026	State Level Project Competition"NatGen 2K26"
2			25/09/25	Debate Competition
3		Student Activities	20/04/2026	Farewell Function
4			25/09/2025	Fresher's Welcome Program
5			25/09/2025	EESA Inauguration Ceremony
6		Workshop	23/02/26 to 26/02/26	Comprehensive Siemens PLC & HMI Workshop for Students
7			07/02/26 to 09/02/26	Employability & job readiness training program
1	2024-25	Guest Lecture.	27/09/2024	Start up to successful Business.
2		Technical Event	15/02/2025	Project Competition-Techno-Fest
3			08/03/2025	Quiz Competition
4		Student Activities	17/04/2025	Farewell Function
5			27/09/2024	Fresher's Welcome Program
6			27/09/2024	EESA Inauguration Ceremony
1	2023-24	Guest Lecture.	05/09/2023	Entrepreneurial Mindset Development Session
2		Technical Event	17/02/24	Quiz Competition
3			18/09/2023	Microproject Competition
4			25/09/2023	Poster Presentation Competition
5			18/09/2023	Best from Waste Exhibition cum Sale
6		Student Activities	05/09/2023	EESA Inauguration Ceremony
7		Social Activity	01/10/2023	Tree Plantation

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

Institute Marks

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

Institute Marks

3.00

Technical Magazines and Newsletter

The Department of Electrical Engineering regularly publishes departmental newsletters and technical magazines to highlight academic activities, technical events, workshops, seminars, industrial visits, student achievements, and departmental accomplishments. These publications provide an effective platform for sharing technical knowledge, innovations, and emerging trends in Electrical Engineering.

Name of the Editors and Publication details

Name of the Newsletter	Editors	Publication details
News Letter 2025-26	Chief Editor: Mr.Kadam T.V. HOD Electrical .Engg.	Volume 1 and Volume 2
	Editor: Faculty Members & Students Association of EESA	Faculty Members & Students Association of EESA
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Departmental Newsletter Cover Page



Technical Magazine Cover Page



B. Participation of Students from the program (2)

Institute Marks

2.00

Participation of Students from the program

Student Participation			
2025-26			
Sr.No.	Semester	Name of the Students	Students Contribution
1	Third Year	Omkar Jalindar Bhosale	Providing Photographs
2	Third Year	Madhuri Dinkar Dodake	Technical News and Article Writing
3	Third Year	Soham Dattatya Bendale	Social Media and Publicity Support
4	Third Year	Darade Sarang Yashwant	Technical Data Collection
5	Third Year	Powar Sarvesh Laxman	Cover Page Design
6	Second Year	Ashish Shinde	Innovative Ideas for Newsletter Presentation
7	Third Year	Shelke Shruti Ajay	Coordination in Departmental Activities
8	Second Year	Koili Sarthak Pradip	Editing Content, Formatting
9	Second Year	Nimbre Sumit Bhimsen	Innovative Ideas for Newsletter Presentation
10	Second Year	Jambhale Aryan Shukracharya	Technical News and Article Writing
11	Second Year	Manwatkar Jay Mangesh	Providing Photographs
12	Second Year	Rawool Namrata Dnyandeav	Providing Photographs
13	Second Year	More Aryan Satish	Creative Cover Page Designing
14	First Year	Tangde Aditya Dilip	Innovative Ideas for Newsletter Presentation
15	First Year	Somavanshi Vedant Narendra	Providing Photographs
2024-25			
Sr.No.	Semester	Name of the Students	Students Contribution
1	Third Year	Sushant Satish Patil	Verifying Technical Information & Data Accuracy
2	Third Year	Chavan Shreejay Jyotish	Providing Photographs
3	Third Year	Raut Saurabh Pandurang	Coordination in Departmental Activities
4	Third Year	Patil Siddhi Santosh	Editing Content, Formatting
5	Third Year	Gaikwad Ayush Chandrasen	Cover Page Design
6	Third Year	Kadam Shlok Chandrakant	Technical Data Collection
7	Second Year	Omkar Jalindar Bhosale	Technical News and Article Writing
8	Second Year	Honkar Saee Sushil	Social Media and Publicity Support
9	Second Year	Mhaske Janhvi Pramod	Social Media and Publicity Support
10	Second Year	Sahil Mahendra Chandere	Innovative Ideas for Newsletter Presentation
11	Second Year	Ramakant Shantaram Mali	Technical News and Article Writing
2023-24			
Sr.No.	Semester	Name of the Students	Students Contribution
1	Third Year	Kale Prathamesh Ramesh	Coordination in Departmental Activities
2	Second Year	Gaikwad Ayush Chandrasen	Social Media and Publicity Support
3	Third Year	Shaikh Aayan Riyaj	Editing Content, Formatting
4	Third Year	Kature Swapnil Rajendra	Technical Data Collection
5	Third Year	Sawant Neeraj Sanjay	Providing Photographs
6	Third Year	Pokharkar Komal Hanumanant	Cover Page Design
7	Third Year	Roshani Rupesh Damse	Technical News and Article Writing
8	Second Year	Kadam Shlok Chandrakant	Technical News and Article Writing
9	Second Year	Bamne Amruta Ambadas	Providing Photographs
10	Second Year	Sail Ravisha Dinesh	Social Media and Publicity Support
11	Second Year	Sarwade Sujal Sarjerao	Technical News and Article Writing
12	Second Year	Jadhav Pratik Raosaheb	Cover Page Design

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

Institute Marks

5.00

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

Sr. No.	Academic Year	Type of Activity & Details (Paper Presentation / Project / Quiz / etc.)	Date	Organizing Body/ Conducted by Level (Winner / Participation)				Enrollment No of the Participant/s	Name/s of the Participant/s	Award/Prize	No of Participants	Level									
				Institute	MSBTE	DTE	Any Other														
1	2025-26	Paper Presentation	12/03/2026	Jawaharlal Nehru Institute of Technology,Pune	MSBTE			23212280316	POWAR SARVESH LAXMAN	Second Prize (Winner)	4	State									
24212280764								UMALE SANKET BABANRAO	Second Prize (Winner)												
23212280334								SURASE NIKHIL DEVIDAS	Second Prize (Winner)												
23212280285								DATIR PRANJAL SONYABAPU	Participation												
6			21/02/2026	Trinity Polytechnic.					23212280316	POWAR SARVESH LAXMAN	First Prize (Winner)	3	State								
24212280764									UMALE SANKET BABANRAO	First Prize (Winner)											
23212280334									SURASE NIKHIL DEVIDAS	First Prize (Winner)											
9			16/02/2026	Siddhant College Of Engineering Diploma					23212280316	POWAR SARVESH LAXMAN	First Prize (Winner)	9	State								
24212280764									UMALE SANKET BABANRAO	First Prize (Winner)											
23212280334									SURASE NIKHIL DEVIDAS	First Prize (Winner)											
23212280309									OMKAR JALINDAR BHOSALE	Second Prize (Winner)											
23212280284									DARADE SARANG YASHWANT	Second Prize (Winner)											
23212280291									HONKAR SAE SUSHIL	Participation											
23212280285									DATIR PRANJAL SONYABAPU	Participation											
2209890274									GUNJOTE PRATHMESH GANESH	Participation											
16									10/02/2026	GP Karad						MTC Industries	23212280307	MISHRA RISHIKESH ASHOK	Participation	2	State
17																	23212280344	YADAV KRUTIKA DINESH	Participation		
18			14/02/2026	Marathwada Mitra Mandals Polytechnic, Thergaon.					23212280307	MISHRA RISHIKESH ASHOK	Second Prize (Winner)	3	State								
19									23212280344	YADAV KRUTIKA DINESH	Second Prize (Winner)										
20									23212280330	SHINDE PRAVIN SUBHASHRAO	Second Prize (Winner)										
21									23212280307	MISHRA RISHIKESH ASHOK	Participation										
22			14/02/2026	MKSS'S Cummins College of Engineering For Women,Pune				DIPEX	23212280344	YADAV KRUTIKA DINESH	Participation	3	State								
23									23212280330	SHINDE PRAVIN SUBHASHRAO	Participation										
24									23212280316	POWAR SARVESH LAXMAN	Participation										
25	16/02/2026	Siddhant College Of Engineering Diploma				MTC Industries	24212280764	UMALE SANKET BABANRAO	Participation	8	State										
26							23212280334	SURASE NIKHIL DEVIDAS	Participation												

27								23212280309	OMKAR JALINDAR BHOSALE	Participation									
28								23212280284	DARADE SARANG YASHWANT	Participation									
29								23212280291	HONKAR SAEEL SUSHIL	Participation									
30								23212280285	DATIR PRANJAL SONYABAPU	Participation									
31								2209890274	GUNJOTE PRATHMESH GANESH	Participation									
1	2024-25	Paper Presentation	24/01/25	A.G. PATIL POLYTECHNIC, SOLAPUR Department of Electrical Engineering				2209890309	SATYAJIT RAHUL NANGARE	Participation	4	State							
2								2209890310	SAYYAD TAYYAB GOSULAZAM	Participation									
3								23212280357	RAUT SAURABH PANDURANG	Participation									
4								2109890269	BHAPKAR RUSHIKESH	Participation									
5		Project Competitions	21/03/25	School Of Engineering, Ajeenkya D. Y. Patil University, Pune.				2209890279	KADAM SHLOK CHANDRAKANT	Participation	3	State							
6								2209890303	RAJPUT MANTHAN MAHENDRA	Participation									
7								2209890304	RAUT KARTIK AJIT	Participation									
8			12/03/25	Bharti Vidyapeeth Engineering College, Pune				2209890266	BAMNE AMRUTA AMBADAS	Third Prize (Winner)	6	State							
9								2209890299	PATIL SIDDHI SANTOSH	Third Prize (Winner)									
10								2209890305	SAIL RAVISHA DINESH	Third Prize (Winner)									
11		Training (Electric Vehicle Training)	18/09/24 to 22/09/24	ZEAL POLYTECHNIC, PUNE				2209890277	JADHAV PRATIK RAOSAHEB	Participation	6	State							
12								2209890319	PATIL SHIVAM SATISH	Participation									
13								2209890298	TAPKIR OM BAPUSAHEB	Participation									
14								22/09/24	ZEAL POLYTECHNIC, PUNE						2209890272	GAIKWAD AYUSH CHANDRASEN	Participation	6	State
15															2209890293	NAYAK SUBHASHISH SUBHASH	Participation		
16															2209890324	TONPEKAR SOHAM PRAMOD	Participation		
17		2209890279	KADAM SHLOK CHANDRAKANT	Participation															
18		2209890303	RAJPUT MANTHAN MAHENDRA	Participation	6	State													
19		2209890304	RAUT KARTIK AJIT	Participation															
1	2023-24	Paper Presentation	15/09/23	ZEAL POLYTECHNIC, PUNE			2209890460	MASKE RUTUJA KISHOR	Participation	8	State								
2							2209890469	SANJANA LAXMAN DEVKAR	Participation										
3							2209890466	PAWAR RANI MAHADEV	Participation										
4							2209890467	POKHARKAR KOMAL HANJUMANT	Participation										
5							2209890468	ROSHANI RUPESH DAMSE	Participation										
6							2209890266	BAMNE AMRUTA AMBADAS	Participation										
7							2209890299	PATIL SIDDHI SANTOSH	Participation										
8							2209890305	SAIL RAVISHA DINESH	Participation										
9		Quiz Competitions	24/01/2024	ZEAL POLYTECHNIC, PUNE				2209890271	CHAVAN SHREEJAY JYOTISH	Participation	6	State							
10								2209890297	PATIL OM RAJENDRA	Participation									
11								2209890456	HIRE SIDDHESH NAGRAJ	Participation									
12								2109890210	KALE PRATHAMESH RAMESH	Participation									
13								2209890467	POKHARKAR KOMAL HANJUMANT	Participation									
14								2209890468	ROSHANI RUPESH DAMSE	Participation									

5 FACULTY INFORMATION AND CONTRIBUTIONS (150)

Total Marks 140.17

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. T.V. Kadam	M.E.	Electrical	100	79	100			HOD	22/11/2021	Regular	Yes		No
Mrs. D.K. Nimbalkar	B.E.	Electrical	100	100	100	01		Lecturer	08/08/2022	Regular	Yes		No
Mrs. J.K. Jadhav	B.E.	Electrical	100	100	100	01		Lecturer	01/09/2022	Regular	Yes		No
Ms. S.P.Patil	B.E.	Electrical	86	94	10	03		Lecturer	24/07/2023	Regular	Yes		No
Ms. Patil Pradnya	M.E.	Electrical	88	73	0	02		Lecturer	01/08/2024	Regular	Yes		No
KHESE S.B	B.E.	Electrical	3	0	0	01		Lecturer	02/07/2025	Regular	Yes		No
Mr. A .D . Nikam	B.E.	Electrical	100	0	0	01		Lecturer	14/07/2025	Regular	Yes		Yes
Mr. Salunke B.S.	M.Sc	PHYSICS	32	40	40			Lecturer	01/08/2008	Regular	Yes		No
Dr. Lakhe M.C.	Ph.D	Chemistry	0	40	37			Lecturer	06/07/2013	Regular	Yes		No
Kesharwani S. R.	M.Sc (Maths)	Mathematics	33	0	0			Lecturer	17/02/2022	Regular	Yes		No
Mrs. Deshmukh V. A.	MA (English)	English	30	33	33			Lecturer	01/09/2021	Regular	Yes		No
Ms. Nandapure A. D.	Ph.D	Chemistry	33	0	0			Lecturer	05/08/2025	Regular	Yes		No
Mrs. Jadhav R. R.	B.E.	Mechanical	22	0	0			Lecturer	08/08/2022	Regular	Yes		No
Mr. Shinde H.V.	B.E.	Electrical	0	100	0			Lecturer	15/07/2024	Regular	No	10/06/2025	No
Mrs. G.S. Joshi	M.E.	Computer	0	30	0			Principal	02/07/2012	Regular	Yes		No
Mrs. Engle A.P.	M.E.	E&TC	0	53	0	02		Lecturer	12/07/2024	Regular	Yes		No

Tejal Motankar	M.Sc (Maths)	Mathematics	0	51	0		Lecturer	01/08/2024	Regular	Yes		No
Mrs. P.S.Patil	M.E.	Mechanical	0	33	0		HOD	21/08/2009	Regular	Yes		No
Mr. Kulkarni S.P.	B.E.	Mechanical	0	10	0		Lecturer	12/07/2024	Regular	No	31/05/2025	No
Mr. Jadhavar K.S.	B.E.	Mechanical	0	30	0		Lecturer	03/04/2024	Regular	No	31/05/2025	No
Mrs.S.P.Mali	B.E.	Electrical	0	0	100		Lecturer	01/12/2021	Regular	No	31/05/2024	No
Mrs. M. M. Gidd	M.E.	Electrical	0	0	78		Lecturer	08/08/2022	Regular	No	31/05/2024	No
Ms.Kritihika Ethiraj	M.E.	Electronics	0	0	100		Lecturer	22/08/2023	Regular	No	31/05/2024	No
Mrs. M.S. Patil	M.Sc	Mathematics	0	0	47	02	Lecturer	05/08/2008	Regular	Yes		No
Mr.Dandge A.G.	B.E.	Mechanical	0	18	32		Lecturer	08/08/2022	Regular	Yes		No
Mr.Dumbre P.M.	M.E.	Mechanical	0	0	18		HOD	01/08/2008	Regular	Yes		No
Ms.Dahale.A.A	M.Sc	Chemistry	0	0	5		Lecturer	08/08/2022	Regular	Yes		No
Mrs. Chaudhari A.A.	M.E.	Mechanical	0	0	19		Lecturer	17/07/2023	Regular	No	31/05/2024	No
Mrs. S.R. Shastri	M.E.	Computer	28	0	0		Lecturer	01/07/2025	Regular	Yes		No
Mrs. Patil S. M.	B.E.	Computer	16	0	0		Lecturer	01/07/2025	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	7.71	24.90
2024-25(CAYm1)	192	8.84	21.72
2023-24(CAYm2)	192	8.19	23.44

Average SFR : 23.35

Assesment 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)	12	0
2024-25(CAYm1)	13	0
2023-24(CAYm2)	11	0

5.2 Faculty Qualification (25)

Total Marks 20.17

5.2.1 Faculty Qualification Index (20)

Institute Marks

				15.17
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	X	Y	F	FQ = 2 x [(10X + 7Y) / F]
2025-26	2	5	8.00	13.75
2024-25	2	6	8.00	15.50
2023-24	3	5	8.00	16.25

Average Assessment : 15.17

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

Institute Marks

				0
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Availability of Faculty/principal of that discipline with Ph.D. Qualification ? :

5.3 Faculty Retention (20)

Total Marks 15.00

				Institute Marks
				15.00

Description	2024-25 (CAYm1)	2025-26 (CAY)
No of Faculty Retained	7	7
Total No. of Required Faculty	9	9
% of Faculty Retained	78	78

Average : 77.78

Assessment Marks : 15.00

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

Total Marks 30.00

				Institute Marks
				30.00

Name of the faculty	Max 5 Per Faculty		
	2022-23 (CAYm3)	2023-24 (CAYm2)	2024-25 (CAYm1)
Dr. Lakhe M.C.	5.00	2.00	5.00

Kesharwani S. R.	0.00	0.00	0.00
KHESE S.B	0.00	0.00	0.00
Mr. A . D . Nikam	0.00	0.00	0.00
Mr. Jadhavar K.S.	0.00	0.00	0.00
Mr. Kulkarni S.P.	0.00	0.00	0.00
Mr. Salunke B.S.	0.00	3.00	5.00
Mr. Shinde H.V.	0.00	0.00	5.00
Mr. T.V. Kadam	5.00	5.00	5.00
Mr.Dandge A.G.	0.00	0.00	0.00
Mr.Dumbre P.M.	0.00	0.00	0.00
Mrs. Chaudhari A.A.	0.00	0.00	0.00
Mrs. D.K. Nimbalkar	5.00	5.00	5.00
Mrs. Deshmukh V. A.	0.00	0.00	0.00
Mrs. Engle A.P.	0.00	0.00	0.00
Mrs. G.S. Joshi	0.00	0.00	0.00
Mrs. J.K. Jadhav	5.00	5.00	5.00
Mrs. Jadhav R. R.	0.00	0.00	0.00
Mrs. M. M. Gidd	5.00	4.00	0.00
Mrs. M.S. Patil	0.00	0.00	0.00
Mrs. P.S.Patil	0.00	0.00	0.00
Mrs. Patil S. M.	0.00	0.00	0.00
Mrs. S.R. Shastry	0.00	0.00	0.00
Mrs.S.P.Mali	4.00	3.00	0.00
Ms. Nandapure A. D.	0.00	0.00	0.00
Ms. Patil Pradnya	0.00	0.00	5.00
Ms. S.P.Patil	0.00	5.00	5.00
Ms.Dahale.AA	0.00	0.00	0.00
Ms.Krithika Ethiraj	0.00	3.00	0.00
Tejal Motankar	0.00	0.00	0.00
Sum	29.00	35.00	40.00
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)	30.00	30.00	30.00

Average assessment over 3 years (Marks limited to 30): 30.00

5.4. a. Organized/ Conducted FDPs and STTP by this department at State / National Level (12)	Total Marks 12.00
	Institute Marks
	12.00

The department consistently organizes State and National level training programs to bridge the gap between academia and industry. Below are the details of the programs conducted during the assessment period:

Academic Year 2025-26							
Sr. No	Name Of FDP/ STTP	Level (State / National)	Duration of FDP/STTP	Organized/ Conducted By	Resource Person/ Expert	No Of Participants	Outcome/remark
1	Industrial Automation: Siemens PLC (S7-1200) and HMI Integration	State	23/02/2026 to 26/02/2026(4 days)	PROLIFIC SYSTEMS & TECHNOLOGIES PVT.LTD.	Mr. Vivek Sardar	30	Hands-on training on S7-1200 PLC architecture, TIA Portal programming, and HMI screen designing for industrial applications.
2	EV Training	State	27/02/2026 to 28/02/2026 2days	Tata Stive Systems	Mr. Ashish Shastrakar	30	Understand the fundamentals of Electric Vehicle (EV) technology, components, and working principles. Demonstrate knowledge of EV subsystems such as battery management systems (BMS), motors, controllers, charging systems, and power electronics.
Academic Year 2024-25							

Sr. No	Name Of FDP/ STTP	Level (State / National)	Duration of FDP/STTP	Organized/ Conducted By	Resource Person/ Expert	No Of Participants	Outcome/remark
1	Recent Trends and Future of Solar PV Technology	State	4/05/2024 to 05/10/2024 (2 Days)	Electrical Dept. Marathwada Mitra Mandal's Polytechnic, Thergaon, Pune	Mr. Rahul Sagar	70	To update faculty members on the latest advancements in Photovoltaic cells, grid integration, and the evolving landscape of renewable energy.
2.	Curriculum Implementation for Faculty Development	State	24/06/2024 To 03/07/2024	Maharashtra State Faculty Development Academy (MSFDA), Indian Institute of Science Education and Research (ISSER) Polytechnic, Pune	1. Mrs. Geeta Joshi (MSFDA, ISSER, Master Trainer) M. M. Polytechnic, Pune 2. Mrs. Mohini Patil (MSFDA, ISSER, Master Trainer) M. M. Polytechnic, Pune	28	1. Effective Curriculum Delivery and Planning. 2. Enhanced Pedagogical and Instructional Practices 3. Continuous Professional Growth and Quality Improvement
Academic Year 2023-24							
Sr. No	Name Of FDP/ STTP	Level (State / National)	Duration of FDP/STTP	Organized/ Conducted By	Resource Person/ Expert	No Of Participants	Outcome/remark
1.	Domestic Electrical Solutions	National	19/12/ 2023 to 21/12/ 2023 (4 Days)	Legrand India Marathwada Mitra Mandal's Polytechnic, Thergaon, Pune	Mr. Gopal /Mr Pritam Khule	40	Provided faculty with insights into modern home automation, smart electrical protection, and energy-efficient domestic solutions as per Legrand's global standards.
2	Moderation methods workshop (Teaching Pedagogy)	State	29/09/2023 to 30/09/2023 (2 Days)	SKODA AUTO Volkswagen India Private Limited.	Mr. Mukul-Pal Chowdhury, Head - Group Training Academy, SKODA AUTO Volkswagen India Private Limited	28	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

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

Total Marks 8.00

Institute Marks

8.00

The department actively encourages faculty and students to engage in revenue-generating activities through industry consultancy and indigenous product development. The following activities highlight our commitment to technical excellence and industry-readiness:

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	2025-26	MSBTE	Mr. T.V. Kadam	7000/-
2	Consultancy	Ev Technology under Broad Arks Foundation	2025-26	Ervalior India Pvt. Ltd.	Mr. A.D. Nikam	65000/- per month
		EV technology	2025-2026	GTT Foundation	Mr. A.D. Nikam	3,75,360.00 /-
		Training On Professional & Communication Skills	2025-2026	Toast Master International	Mr. T.V.Kadam	26,400/-
3	Testing Contract	Industrial Lab Equipment Testing & calibration	2024-25	Tejodeep Technical Services	Mr. T.V. Kadam	4000/-
		Development of Wiring of the audio-video hall	2025-26	Don Bosco Institute chinchwad	Mr. T.V. Kadam	2000/-
		Computer Laboratory & Classroom Electrical wiring Design of DG-Generator Set panel				

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
<p>Objectives of Faculty Performance Appraisal and Development System (FPADS)</p> <p>Continuous Improvement : The system ensures continuous improvement in teaching, practical skill development, and profession development, fostering a culture of excellence.</p> <p>Accountability: It holds faculty members accountable for their activities, ensuring that all members are responsible for their performance</p> <p>Promotion and tenure: The appraisal process helps in identifying faculty members for promotion and tenure, ensuring that the best talent is retained and promoted.</p> <p>Feedback loop: It creates a feedback loop that enables continuous growth across the institution, allowing faculty to develop valid data for promotion.</p> <p>These objectives collectively contribute to the vision and mission of the institution aligning faculty development with the broader institutional mission</p>		
<p>The Key Performance Parameters for teaching faculty are classified as follows:</p>		
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 2. Head of Department 3. Principal 4. Peer Group	25
	Total	100
<p>The Key Performance Parameters for Non teaching staff are classified as follows:</p>		
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
<p>The Sample appraisal form is as follows :</p>		



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

Name of Staff: -

Designation: -

For Period: - _____ TO _____

Department: -

I. 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	Class/ Course	Subject Taught	Average result of same subject for last year in institute	Current result of your subject	Percentage improvement in the result	Average of column (6)	Percentage improvement and maximum marks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(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.

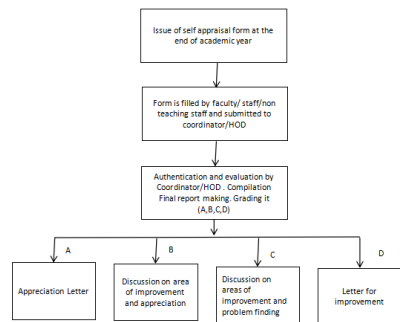
It provides an insight into the below listed aspects.

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.



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

Institute Marks
10.00

Faculty Qualification Up-gradation Details

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, one faculty member completed a Ph.D., one faculty member completed a masters while one faculty member is enrolled in Master's programs and three faculty members have submitted project theses. This reflects the strong commitment of the Electrical 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.

Sr. No	Name Of Faculty	Designation	Qualification at Joining	Year Of Joining	Updated Qualification	Status(Pursuing/ Completed)
1	Ms. Patil Pradnya	Lecturer	BE (Electrical)	2024	Mtech (Electrical)	Completed in 2025
2	Dr. Nandapure A. D.	Lecturer	Msc	2025	Ph.D.	Completed in 2026
3	Mrs. G.S. Joshi	Principal	M.E	2012	Ph.D.	Research Completion
4	Ms. S.P. Patil	Lecturer	BE(Electrical)	2023	Mtech (Power Electronics&Drive)	Project Completion
5	Mrs. J.K. Jadhav	Lecturer	BE(Electrical)	2022	Mtech (Control System)	Project Completion
6	Mrs. D.K. Nimbalkar	Lecturer	BE(Electrical)	2022	Mtech (Control System)	Project Completion
7.	Ms. S.B. Khese	Lecturer	BE(Electrical)	2025	ME (Electrical)	Pursuing

Marathwada Mitra Mandal's Polytechnic
 Sr. No. 417, Thergaon, Pimpri-Chinchwad, Pune-411 033.
 Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics | AIML |
 Automation & Robotics | Electronics Engineering
 Contact No.-9827281822, Email ID-office@mmppolytechnic.com

Prin. Bhausaheb G. Jadhav (President), Dr. Madhavan V. Suryawanshi (Exe. President), Shri. Kishor H. Mangale (Secretary)

Ref. No. MMP/01/2025-26/80 Date: 09/08/2025

Office Order

The following lecturer of this institute are hereby granted permission during the academic year 2025-26 to take admission for the M.E./Ph.D. program and to complete their M.E./Ph.D. project work by making alternative arrangements for their academic responsibilities.

Sr. NO	Name Of Staff	Specialization	Department
1.	Ms. Shital B. Khese	ME(Electrical)	Electrical Engg. Dept.

For the information of all concerned.

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

6 FACILITIES AND TECHNICAL SUPPORT (100)

Total Marks 98.00

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

Total Marks 10.00

Institute Marks
10.00

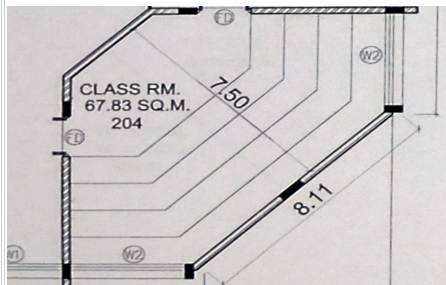
- Step-wise classrooms are available for effective teaching learning process.
- Classroom's board is easily visible to students from any corner of the classroom because of hexagonal shape of classroom.
- Two seater and three seater benches with racks for keeping bags are available.
- Curtains are available in classroom to reduce sunlight effect.
- Adequate lighting, ventilation & acoustic arrangements are available in all classroom.
- A moveable sound system is available as per requirement.
- Adequate facilities are available for conduction of regular and elective subjects, seminars / tutorials / extra lectures in the available class rooms.
- Class room can accommodate comfortably 60 to 80 students.
- All the class rooms are equipped with the necessary teaching aids like green board with smart board, projectors, etc.
- Amenities like acoustics, classroom size, benches, air circulation, lighting, exits, and ambience are available in the class rooms.

Room Description	Usage	Shared/ Exclusive	Area in Sq. m.	Facilities
Classroom No. 403	Lectures	Shared	67.83	<ul style="list-style-type: none"> • Green Board • Projector • CCTV • Fans • Lights • Desk Bench • Curtains • Notice Board
Classroom No. 405	Lectures	Exclusive	67.83	<ul style="list-style-type: none"> • Green & White Board • Smart Board • CCTV • Fans • Lights • Notice Board • Desk Bench • Curtains • Notice Board
Seminar Hall 407	Guest Lectures & other Programmes	Shared	108	<ul style="list-style-type: none"> • Cushion chairs • Green Board and white board • LCD Screen and Projector • Internet facility • Public Address system • Curtains
Drawing Hall 408	Lectures	Shared	132	<ul style="list-style-type: none"> • Green Board • Drawing Tables • Curtains

Engineering / Technology (Polytechnic - Diploma and Post Diploma Institute)

Carpel Area in sqm per room	Number of Classes (Class of 60)		Class Rooms (C)	Tutorial Rooms (D)	Laboratory (includes for category 'X' stream)	Additional (VLS) Labs for Category 'X'	Computer Centre	Drawing Hall	Library & Reading Room	Seminar Halls	
	Duration of courses in Yrs	Yrs									
			66	33	66	200	200	100	132	300	132
Number of rooms required for new Institution	A	Y	C=A	D=C/4	02/Course	1	-	1	1	1	-
Total Number of rooms	A	Y	C=AY	D=C/4	06/Course ¹	1	2/Course (Maximum 4)	1	1	1	1

- 1 Category 'X' of courses: Mechanical, Production, Civil, Electrical, Chemical, Textile, Marine, Aeronautical and allied courses of each.
- 2 Classrooms, Tutorial rooms and Laboratories required for 2nd, 3rd and 4th year may be added progressively to achieve total number as stated.
- 3 Additional Library (Reading room) area of 50 sq m / per 60 student (UG/PG) intake beyond 420.
- 4 Progressive requirement, 2nd year onwards shall be calculated as 2+2 labs / course
- 5 Round off fraction in calculation to the next integer.



Classroom Structure

6.2 Availability of adequate and well-equipped workshops, Laboratories and Technical manpower to meet the curriculum requirements (40)				Total Marks 38.00
A. Adequacy (10)				Institute Marks
				10.00
Name of the labs	No. of students per Batch	Name of the Power tools/machine tools	Area (sq. m)	
Basic Electrical & Electronics Lab (Lab no. 207)	30-35	Transformer, Auto-Transformer, Resistive load bank, Star & Delta balanced load panel & All Basic Electrical instruments	66.66	
Power Electronics & Automation Lab (Lab no. 208)	30-35	SCR, IGBT, MOSFET Characteristics Kits, SCR triggering & commutation circuit kits, Rectifiers & Inverter Kits, Power supplies, Siemens PLC Panel	66.66	
Electrical Machine Lab (Lab no. 209)	30-35	Series, Shunt, compound motors & generators	66.66	
Power System Lab (Lab no. 210)	30-35	All Switchgear Kits & Panels like BDV oil testing kit, switchgear testing kit, transmission line testing panel etc.	66.66	
Physics Lab	30-35	Barometer, Multimeter, Power Supply, Thermocouple, Voltmeter, Tuning Fork Set, Potentiometer	66	
Chemistry Lab	30-35	Lab Oven with digital temp. indicator and Controller, Digital Electronic balance capacity 300-0.01 gm, Digital Nephelometer 31/2 LED display, Muffle Furnace Digital size 22x10x10 cms, 1600w, B.R. Instrument.	132	
Engineering Workshop	30-35	Carpentry/Plumbing/ Moulding, Welding, Fitting/Sheet Metal	150	
Sr.No.	Name of the Workshop	No. of students per Batch	Name of the Power tools/machine tools	
1.	Fitting Section	30	Pillar Drill Machine-01	
			Bench Grinder-01	
			Surface Plate-01	
			Drill Machine Vice-01	
			Bench Vice- 21	
2.	Black Smithy Section	30	Anvil -02	
			Open Hearth Furnace-01	
			Quenching Tank-01	
			Swage Block-01	
			Leg Vice-01	
3.	Carpentry Section	30	Wood Turning Lathe-02	
			Carpentry Vice-20	
4.	Welding Section	30	Welding Machine(Arc)-02	
			Spot Welding Machine-01	
			Bench Vice- 24	
5.	Sheet Metal Shop	30	Shearing Machine-02	
6.	Press shop	30	Fly Press Machine-01	
7.	Plumbing shop	30	Pipe Vice-04	
8.	Machine shop	30	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

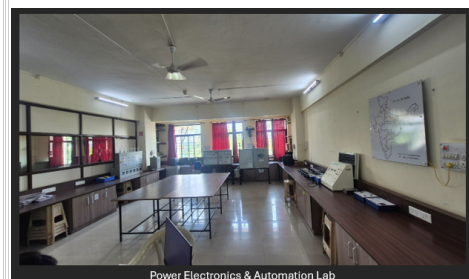
Details of Workshop**B. Quality of Labs/workshop (20)**

Institute Marks

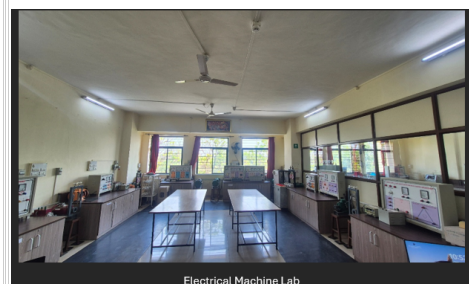
20.00

- Adequate, well-equipped laboratories to meet the curriculum requirements and the POS- YES
- Availability of equipments 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- YES

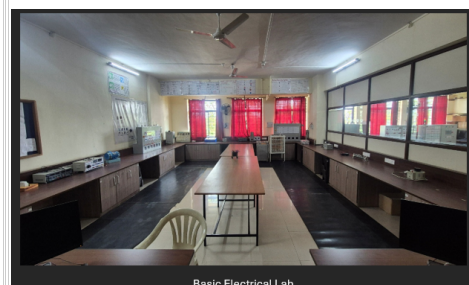
Sr. No.	Lab Name	Total Cost of the lab	Name of the Lab in Charge	Name of Lab Assistant
01	Basic Electrical Lab	7,01,908.84/-	Ms.S.B.Khese.	Mr.O.S. Pawar
02	Power Electronics & Automation Lab	15,47,894.33/-	Ms.S.P.Patil.	Mr.O.S. Pawar
03	Electrical Machine Lab	12,31,646/-	Mrs.J.K.Jadhav	Mr. T.G.Bhor.
04	Power System Lab	7,99,585.83/-	Ms.Nimbalkar D.K.	Mr. T.G.Bhor.
05	Physics Lab	5,33,662/-	Mr.S.B.Salunke	Mr. P.V.Shelke
06	Chemistry Lab	3,46,389/-	Dr.Lakhe M.C.	Ms. P.K.Patil.
07	Engineering Workshop	73,17,649/-	Mr.A.G.Dandage	Mr.D.M.More Mr.M.U.Sagar.



Power Electronics & Automation Lab



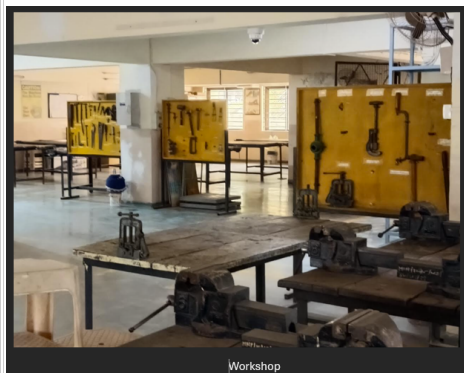
Electrical Machine Lab



Basic Electrical Lab



Power System Lab



Workshop

Mangalwade Mitra Mandal's Polytechnic Fingri-Chinchwad, Pune - 411023									
LAB TIME TABLE					Rev No: 01				
Doc. No: TPLAB-03					W.E.P: 13/12/2023				
PAGE: 1 of 1					ACADEMIC YEAR: 2023-24 (TTHM-01)				
Lab Name: Power Electronics & Automation Lab					Lab Room No.: 208 (Course Name: EE 2K 4K 4K)				
Time / Days	Mon	Tues	Wed	Thurs	Fri	Sat	Total Available Slots	Total Slots Utilized Lab	Total Slots Non-Utilized Lab
08:00-09:00	EE-BA		EE-00E		EE-00E		36	14	22
09:00-10:00									
10:00-10:15	Tea Break								
10:15-11:15	EE-00E	EE-00E	EE-00A	EE-00E					
11:15-12:15	LUNCH BREAK								
12:15-01:00									
01:00-02:00					EE-00A				
02:00-03:00									
03:00-03:15	Tea Break								
03:15-04:15									
04:15-05:15									

Lab Timetable

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

Institute Marks

8.00

Name of Staff	Designation	Qualification	Responsibility/Lab Attached
Mr. T.G. Bhor	Lab Assistant	I.T.I. (Electrician)	Electrical Machine Lab & Power System Lab
Mr. O.S. Pawar	Lab Assistant	B.Voc	Basic Electrical Lab & Power Electronics & Automation Lab
Mr. P.V. Shelke.	Lab Assistant	B.sc (PCIC)	Physics Lab
Ms. P.K. Patil.	Lab Assistant	M.sc (Chem)& MBA	Chemistry Lab

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	Basic Electrical &	35	Star & Delta conr	28	Mr. Pawar O.S.	Lab Technician	B.Voc Electrical
2	Power Electronic	35	SCR Triggering &	14	Mr. Pawar O.S.	Lab Technician	B.Voc Electrical &
3	Electrical Machinx	35	DC Shunt/Series	16	Mr. Bhor T.G.	Lab Technician	ITI Electrician
4	Power System La	35	All switchgear pai	10	Mr. Bhor T.G.	Lab Technician	ITI Electrician
5	Physics Lab	35	Barometer, Multir	18	Mr. Shelke P.V.	Lab Technician	B.sc (PCIC)
6	Chemistry Lab	35	Lab Oven with di	18	Ms. Patil P.K..	Lab Technician	M.sc (Chem)& MI

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

Total Marks 20.00

A. Facilities (10)

Institute Marks

10.00

Sr. No.	Facility name	Purpose

1	Electric Vehicle	Practical guidance
2	PLC Automation & VFD Panel	Practical guidance
3	Video's From NPTEL	Self-learning
4	Lab Manuals for reference	Practical guidance
5	Departmental Library	Academic support
6	Old Projects	Academic support
7	Virtual Lab	Practical Performance
8	Staff Websites	Continuous academic access
9	Remote Learning Facilities	Online learning support
10	Google Classroom	Assignment submission and course management
11	Smart Classroom Facility	Interactive digital teaching-learning process
12	Online Quiz and Assessment Tools	Continuous evaluation and skill assessment
13	Projector and Multimedia Facility	Audio-visual support for effective teaching

B. Effective Utilization (5)

Institute Marks

5.00

Sr. No.	Facility name	Reason for Creating Facility	Purpose
1	Electric Vehicle	Practical use, concept clarification, measurements	To help students to understand the basic concepts & clarification
2	PLC Automation & VFD Panel	Practical use & skill development	To help students to understand industry based work & concepts
3	Video's From NPTEL	Online learning, concept clarification, revision	To support self-learning and concept clarification through online lectures
4	Lab Manuals along with worksheets and workbook	Guided experiments, practical execution	To enable self-paced learning and simulation-based practice
5	Departmental Library	Reading, reference, project preparation	To provide academic resources for study and research
6	Old Projects	Idea generation, reference for mini/major projects	To help students understand project design and develop new ideas
7	Virtual Lab	Online experiments, simulation practice	To provide online simulation and experiment practice
8	Staff Websites	To provide online learning materials and academic support	Used for accessing notes, assignments, practical manuals, and learning resources
9	Remote Learning Facilities	To ensure continuous learning support beyond classroom environment	Used for online teaching-learning activities and virtual interaction sessions
10	Google Classroom	To enhance digital learning	Used to improve communication between teachers & students, share study materials easily
11	Smart Classroom Facility	For easy access to teaching learning process	To make teaching, learning more interactive & engaging

12	Online Quiz and Assessment Tools	To introduce digital methods of conducting examination & quiz	To assess students knowledge & understanding effectively. Used for MCQ based knowledge
13	Projector and Multimedia Facility	To enhance learning through audio-visual presentations.	To support effective teaching using videos, images, animations & presentations.

C. Relevance to POs/PSOs (5)

Institute Marks

5.00

Sr. No.	Facility name	Details	Relevance to Pos/PSOs
1	Electric Vehicle	Practical Purpose	PO2, PO5, PO6, PO7, PSO1, PSO2
2	PLC Automation & VFD Panel	Practical Purpose	PO2, PO3, PO6, PO7, PSO1, PSO2
3	Video's From NPTEL	Online lectures	PO1, PO2, PO3, PO4, PO5, PO7, PSO1, PSO2
4	Lab Manuals along with worksheets and workbook	Experiment guides	PO1, PO2, PO3, PO4, PO5, PO7, PSO1, PSO2
5	Departmental Library	Subject-wise books & resources	PO1, PO2, PO3, PO4, PO5, PO7, PSO1, PSO2
6	Old Projects	Previous student projects	PO1, PO2, PO3, PO4, PO5, PO7, PSO1, PSO2
7	Virtual Lab	Online experiments	PO1, PO2, PO3, PO4, PO5, All PSOs
8	Staff Websites	Study materials	PO1, PO5, PO7
9	Remote Learning Facilities	Online learning	PO1, PO5, PO7
10	Google Classroom	Study Material	PO1, PO5, PO7
11	Smart Classroom Facility	Teaching learning aid	PO1, PO5, PO7
12	Online Quiz and Assessment Tools	Online learning	PO1, PO5, PO7
13	Projector and Multimedia Facility	Teaching aid	PO1, PO5, PO7

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	Electric Vehicle	Logicon EV	Practical use	Third year student	Practical Knowledge	PO2, PO5, PO6, P
2	PLC Automation & VFD Panel	1) PLC Panel	Practical use	Third Year student	Practical Knowledge	PO2, PO3, PO6, PO7
3	Video's From NPTEL	Online lectures	To support self-learning	SY & TY students	Extra learning	PO1, PO2, PO3, PO4
4	Lab Manuals along with worksheets and workbook	All subjects manuals	Experiment guides	All FY Sy & TY students	Calculations or Practical do	PO1, PO2, PO3, PO4
5	Departmental Library	All subject notes	For extra knowledge	All FY Sy & TY students	concept clearance or extra	PO1, PO2, PO3, PO4
6	Old Projects	TY students old projects	For understanding	Third Year student	Project methodology	PO1, PO2, PO3, PO4
7	Virtual Lab	online experiments	to perform practicals	FY, SY & TY students	detail understanding	PO1, PO2, PO3, PO4
8	Staff Websites	Study materials	To provide online	FY, SY & TY students	Used for accessing notes, etc.	PO1, PO5, PO7
9	Remote Learning Facilities	Online learning	To ensure continuity	FY, SY & TY students	Used for online teaching-learning	PO1, PO5, PO7
10	Google Classroom	Study Material	To enhance digital	FY, SY & TY students	Used to Improve communication	PO1, PO5, PO7
11	Smart Classroom Facility	Teaching learning aid	For easy access to	FY, SY & TY students	To make teaching, learning	PO1, PO5, PO7
12	Online Quiz and Assessment Tools	Online learning	To introduce digital	FY, SY & TY students	To assess students knowledge	PO1, PO5, PO7
13	Projector and Multimedia Facility	Teaching Purpose	To enhance learning	FY, SY & TY students	To support effective teaching	PO1, PO5, PO7

6.4 Laboratories: Maintenance and overall ambience (10)

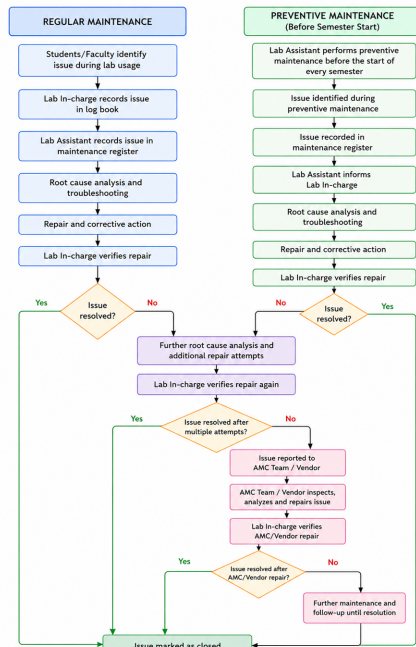
Total Marks 10.00

Institute Marks

10.00

Maintenance:

- All labs with necessary equipment like motors, transformers, PLC, Power Electronics kits are installed and maintained.
- There is a periodic maintenance, repair of the equipments as per requirement
- Emergency generator available in college in case of power failure.
- One Teaching faculty along with a lab assistant is in-charge of the overall maintenance of the lab.
- A dead stock register is maintained and timely updated with all equipment details.
- One full time sweeper is appointed by office for daily cleaning of departmental laboratories and classrooms.
- As per requirement minor repairs are carried out by the lab assistants.
- Overall Ambience
- Department has sufficient laboratories which are used during the academic year as per timetable to meet the curriculum requirements.
- Fully ventilated and equipped laboratories.
- Racks are available outside of the labs for students to place their belongings.
- All the laboratories are setup with CCTV Cameras to monitor each activity in the lab.
- The laboratories are well equipped with necessary electrical appliances and proper wirings.
- Each lab has fire extinguisher in case of emergency.
- Each lab has first aid facility.
- Stools are made available to the students in laboratories.
- Sufficient number of windows are available for ventilation and natural light.
- Lab has rubber mat to avoid any shock situation for emergency.
- Window curtains are provided for good visibility.



Maintenance Flowchart



Inhouse Maintenance by Lab assistants

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	30	3.2	AutoCAD 2026. C	Gazon Broadbarx	4 black and White

6.6 Language lab (10)

Total Marks 10.00

Institute Marks

10.00

Importance of English and Communication Skills

The importance of the English language in professional life cannot be overstated. A strong command of English enables individuals to achieve success by fostering clarity, accuracy, and confidence. Proficiency in the language opens doors to opportunities that might otherwise remain inaccessible. Moreover, understanding the nuances of English serves as a foundation for personal growth and career advancement.

Equally vital are communication skills, which form the cornerstone of all other soft skills. Effective communication strategies are indispensable for professionals who wish to connect meaningfully with others. Thus, it is essential to provide students with opportunities to enhance both language and communication skills.

Language Laboratory at the Institute

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.



Fig. 6.7 LANGUAGE LAB Photo

MSBTE Curriculum Integration

In alignment with current academic requirements, MSBTE has prescribed two courses:

[COMMUNICATION SKILLS \(ENGLISH\)](#) (First Semester)

[PROFESSIONAL COMMUNICATION](#) (Second Semester)

Students attend practical sessions in the language lab for two hours per week. These sessions are designed to provide hands-on experience and foster active learning.

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.

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

Total Area of Lab (66 Sq. Meter.)

Activities Conducted

a) Assignments

- MSBTE course books are used for structured delivery.
- Assignments are completed in the lab and submitted to the course coordinator.
- Marks are evaluated and uploaded to MSBTE through the coordinator's login.

b) Practical Sessions

- Remedial teaching with individual attention.
- Revision of topics and doubt clarification.
- Oral feedback on assignments with improvement suggestions.

c) Audio-Visual Learning (Videos & PPTs)

- Use of expert talks and online resources.
- PPTs prepared by faculty to reinforce concepts.
- Interactive sessions to avoid monotony.

d) Group Discussions

- Organized to improve communication skills.
- Encourages self-assessment and confidence building.
- Application of learned language skills in real-time.

e) Language Software

- Computer-Assisted Language Learning (CALL) software developed by Dr. Shridhar Gokhale is available.
- Promotes self-paced and interactive learning.

f) Presentations

- Students deliver presentations recorded for review.
- Playback sessions help identify weak areas and improve performance.

g) Role Plays

- Simulated real-life scenarios to prepare students for professional challenges.
- Builds adaptability and effective communication skills.

h) Online Practice Tests

- Grammar and language tests developed using **Google Forms**.
- Students assess their proficiency and track progress independently.

4. Outcomes

- Improved proficiency in English and Communication Skills among students.
- Enhanced confidence and clarity in professional interactions.
- Development of critical soft skills such as group discussion, presentation, and role play.
- Integration of ICT-based learning methods with curriculum delivery.

Details of Learning Resources

English	https://www.youtube.com/watch?v=4dr5IN1jqRE
	https://www.youtube.com/watch?v=9B-x_8iYFtQ
	https://www.youtube.com/watch?v=eUazfCkQq84
	https://www.youtube.com/user/bblearningenglish
	https://www.youtube.com/watch?v=BO0Gt5HoHU4
Professional Communication	https://www.youtube.com/watch?v=GY3ADgnWLos
	https://www.youtube.com/watch?v=e6ZSCwv3CNg
	https://www.youtube.com/watch?v=7wUCvjvXJdg
	https://www.futurelearn.com/courses/presentation-skills
	https://www.youtube.com/watch?v=mmMH6Uv7DJI
www.BM Consultant India.Com	

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

7 CONTINUOUS IMPROVEMENT (75)	Total Marks 73.00
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7.1 Actions taken based on the result of 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	2.34	2.16	The attainment level is 92% of the target level, indicating achievement of basic engineering knowledge, conceptual understanding and application skills.
Action- Conduct unit wise tests, remedial classes, additional practice sessions of Basic Mathematics subjects to strengthen students conceptual understanding and engineering problem-solving skills.			
PO 2 : Problem analysis			
PO 2	1.79	1.75	The attainment level achieved is 98% of the target level, indicating very good attainment of PO2 with effective problem analysis skills demonstrated by the students.
Action- Provide more analytical problem-solving exercises and conducted Practicals on Virtual Lab for Fundamentals of Power Electronics to further enhance students problem analysis and critical thinking abilities.			
PO 3 : Design/ development of solutions			
PO 3	1.82	1.80	The attainment level achieved is 99% of the target level, indicating very good attainment of PO3 with only minor scope for improvement.

Action1-A workshop/ guest lecture will be organized on digital electronics and microcontroller subjects, Encourage students to engage in design-based Micro projects and practical implementations in of digital electronics and Microcontroller subjects to further strengthen attainment of PO3.

PO 4 : Engineering Tools, Experimentation and Testing

PO 4	1.96	1.94	The attainment level reached nearly 99% of the target level, reflecting strong achievement of PO4 by the students.
------	------	------	--

Action 1 - Arrange educational visits to Electric loco shed for Utilization of Electrical Energy Course to provide students with real-world learning experiences and strengthen their observation, investigation, and analytical skills.

PO 5 : Engineering practices for society, sustainability and environment

PO 5	1.84	1.77	The attainment level achieved is about 96% of the target level, reflecting achievement of PO5 concerning societal, environmental, and sustainability-oriented engineering practices.
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Action 1-Societal safety awareness will be achieved through awareness programme.
Action 2-Conduct workshops on sustainability and environmental awareness.
Action 3-Organize social and environmental activities.

PO 6 : Project Management

PO 6	1.80	1.75	The attainment level achieved is about 97% of the target level, indicating effective attainment of PO6 related to project management and teamwork skills.
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Action 1-Encourage participation in technical events, competitions, and project exhibitions for practical exposure.
Action 2-Conduct project presentation and progress review sessions.

PO 7 : Life-long learning

PO 7	2.05	1.97	The attainment level achieved is about 96% of the target level, indicating good attainment of PO7 related to life-long learning and continuous professional development.
------	------	------	--

Action 1- A workshop will be organized on professional skills, entrepreneurship development.
Action 2- Motivate students to enroll in online courses, participate in technical competitions/webinars,use SWAYAM resources.

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

PSOs	Target Level	Attainment Level	Observations
------	--------------	------------------	--------------

PSO 1 : Electrical Equipment: Maintain various types of rotating and static electrical equipment.

PSO 1	1.97	1.87	The attainment level achieved is about 95% of the target level, indicating attainment of PSO1 in maintaining and handling various rotating and static electrical equipment with appropriate technical competency.
-------	------	------	---

Action1-Conduct additional practical sessions on motors, transformers, and electrical machines; arrange maintenance workshops, fault-finding exercises, and industry training programs.

PSO 2 : Electric Power Systems: Maintain different types of electrical power systems

PSO 2	1.82	1.81	The attainment level achieved is approximately 99% of the target level, indicating excellent attainment of PSO2 in maintaining and operating different types of electrical power systems with strong technical proficiency.
-------	------	------	---

Action 1-Organize substation visits.
Action 2-Encourage students to participate in more practical training, field visits, and troubleshooting activities related to electrical power systems to further enhance technical skills.

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)	0.29	0.09	0.11

7.3 Improvement in Placement and Higher Studies (10)

Total Marks 10.00

Institute Marks

10.00

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)	1.13	1.14	1.16

7.4 Improvement in Academic Performance in Final year (10)

Total Marks 10.00

Institute Marks

10.00

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)	7.39	5.85	3.74

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

Total Marks 10.00

Institute Marks

10.00

Items	2024-25 (CAV1)	2023-24 (CAV2)	2022-23 (CAV3)
Internal Academic Audits	2	2	2

7.6 New Facility created in the Program (10)

Total Marks 9.00

				Institute Marks
				9.00
Items	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	
New Facility Created	Computer Lab,Elk	Smart Board	Projector,library t	
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
<p>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.</p> <ul style="list-style-type: none"> '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 counsellor appointed by the institute. <p>Types of Mentoring : Professional Guidance/Career Advancement/Cours work Specific /Laboratory Specific/All-round Development</p> <p>Frequency of Meeting : Monthly</p> <p>No. of Faculty Mentors : 54</p> <p>No. of Students Per Mentor : Approx. 20 to 25 Students</p>				
Sl. 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 students in the classes have improved. Overall academic performance of the students has improved. 2) Due to the effective functioning of course specific mentoring system at our institute the parent's involvement has increased which helps in building relation with the Institute. 3) Subject specific 4) 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
<p><i>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.</i></p>				
A. Methodology being followed for feedback collection, analysis and its effectiveness (5)				Institute Marks
				5.00
<p>Feedback collection Process:</p> <ul style="list-style-type: none"> 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				

4/27/26, 2:47 PM

vmedulife Account



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
<input type="radio"/>	Excellent
<input type="radio"/>	Very Good
<input type="radio"/>	Good
<input type="radio"/>	Average
<input type="radio"/>	Satisfactory
Question	Domain Knowledge
<input type="radio"/>	Excellent
<input type="radio"/>	Very Good
<input type="radio"/>	Good
<input type="radio"/>	Average
<input type="radio"/>	Satisfactory
Question	Presentation skill and interaction with student
<input type="radio"/>	Excellent
<input type="radio"/>	Very Good
<input type="radio"/>	Good
<input type="radio"/>	Average
<input type="radio"/>	Satisfactory
Question	ability to resolve difficulties
<input type="radio"/>	Excellent
<input type="radio"/>	Very Good
<input type="radio"/>	Good
<input type="radio"/>	Average
<input type="radio"/>	Satisfactory
Question	Effective use of technical aids
<input type="radio"/>	Excellent
<input type="radio"/>	Very Good
<input type="radio"/>	Good
<input type="radio"/>	Average
<input type="radio"/>	Satisfactory
Question	whether faculty has taken chapter wise tests effectively and strictly
<input type="radio"/>	Excellent
<input type="radio"/>	Very Good
<input type="radio"/>	Good
<input type="radio"/>	Average
<input type="radio"/>	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.

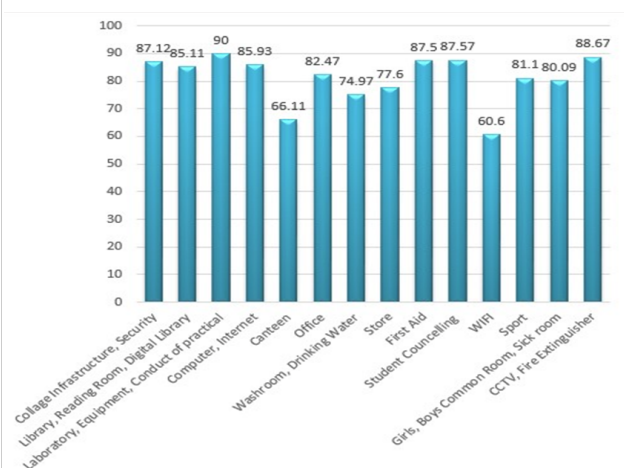
Within a few weeks of beginning of second semester student feedback is taken on facility to maintain & improve it further.

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

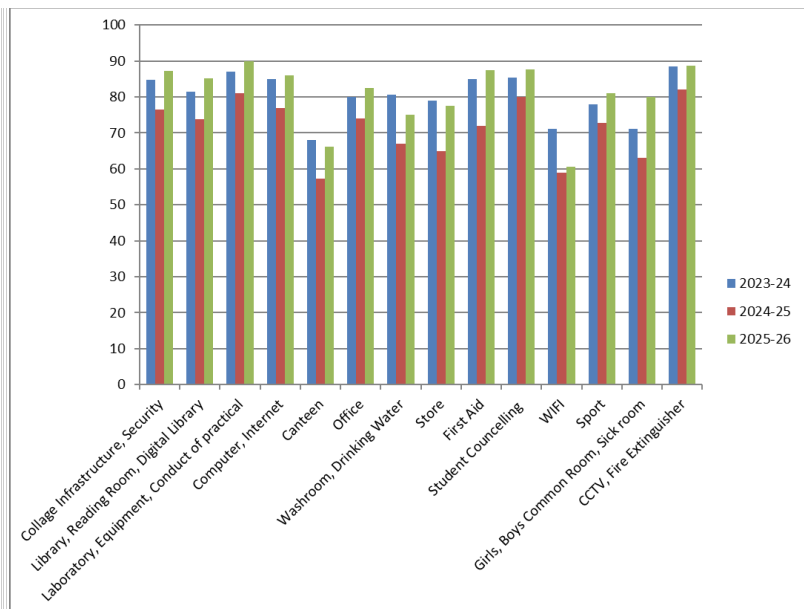
Graphical Representation of Facility Feedback (2025-26)



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 :-

Class of student:

Name 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

(62)

Name of Student: Aditi Tukaram Thoke Branch MK-2K (250556)

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	<p>Drinking Water</p> <ul style="list-style-type: none"> Water source inspected and contamination risks identified. Regularly serviced water purification system (ROUV). Overhead and storage tanks cleaned and disinfected. Regular water quality testing initiated (microbial and chemical). <p>Washrooms</p> <ul style="list-style-type: none"> 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. <p>Monitoring Actions Taken</p> <ul style="list-style-type: none"> 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)

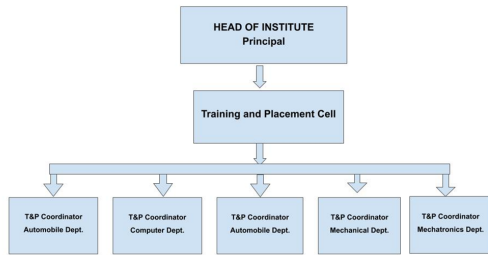
Total Marks 20.00

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. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Mrs. Greta S. 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.



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 MoI's 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

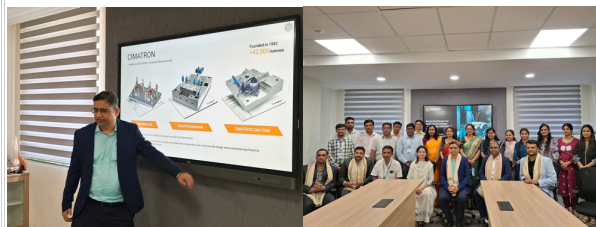
Industry-Institute Interaction Meet 2025-26:

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, Thergason, 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. Anil 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:

Sl. No.	Name	Designation	Industry
1	Mr. Amit Shirisikar	Enterprise Program Manager	Rockwell Automation
2	Ms. Archana Shirisikar	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	Cikastro 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, Enhance 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 Kaldat, BVG India Limited
- Ms. Sapna Pathak, Sr. Manager HR, Abhi-Tech Fab & Machining Pvt Ltd
- Ms. Aishwarya Kadalkar, 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 Employer 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 Aluminium India Pvt. Ltd.**: Ms. Suchita Lokhande, HR Specialist; Ms. Nidhi Mishra, HR Analyst
- **Quest Corp Ltd.**: Ms. Sudarshana B Wakchoure, Team Leader
- **TVS Training and Service Centre**: Mr. Sachin V, Senior Manager
- **TRIUMPF (India) Pvt. Ltd.**: Mr. Vinod Bhatnagar, People Practices; Ms. Bhavika Chhablani, HR
- **DANA India Private Limited**: Mr. Santosh Gajre, Plant HR Head; Ms. Pradnya Kamate, Deputy Manager HR
- **Autonum India Pvt. Ltd.**: Mr. Harshad Patil, Head HR
- **Steclmax Valves and Automation Pvt. Ltd.**: Mr. Alok Kumar Singh, Quality Engineer
- **Automotive Stampings and Assemblies Limited**: Mr. Jaydev 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 Gundli, HOD (Automobile Engineering)
- Mr. Tushar Kadam, Ie HOD (Electrical Engineering)
- Mr. Ganesh Mhalankar, Training and Placement Officer
- Mr. Shanivis Kulkarni, Lecturer
- Mr. A. L. Kishnamni, Lecturer
- Mrs. Manasi Herfekar, 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:

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 Aluminium India Pvt. Ltd.**: Ms. Sachin Lokhande, HR Specialist; Ms. Nidhi Mishra, HR Analyst
- **Ques Corp Ltd.**: Ms. Sularshana B Wolkhour, Team Leader
- **TVS Training and Service Centre**: Mr. Sachin V, Senior Manager
- **TRUMPF (India) Pvt. Ltd.**: Mr. Vinod Bhagia, People Practices; Ms. Bhavika Chhabani, HR
- **DANA India Private Limited**: Mr. Santosh Gajre, Plant HR Head; Ms. Pradnya Kanase, Deputy Manager HR
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- **Steelmax Valves and Automation Pvt. Ltd.**: Mr. Alok Kumar Singh, Quality Engineer
- **Automotive Stampings and Assemblies Limited**: Mr. Jaydev Mishra, Chief Finance Officer
- **Vintyaa Technologies Pvt. Ltd.**: Mr. Vishal Bhagat, Business Development Manager
- **Yuva Shakti Foundation**: Mr. Prasad Gungaj, Field Officer

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- Mr. Tushar Kadam, U: HOD (Electrical Engineering)
- Mr. Ganesh Mhalankar, Training and Placement Officer
- Mr. Shrinivas 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

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- Tie-ups and MoUs are signed with leading organizations to ensure students' placement.
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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

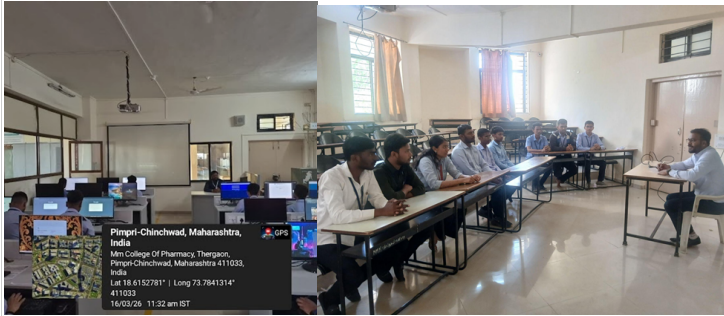
Campus Placement Activities 2025-26:

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, Wausli, Chakan, Pune	114 (MMP-72+ Others-42)
5.	13th February 2026	Campus Placement : Final Assessment by Caggenini (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., Karul, Chakan, Pune	20
9.	13th March 2026	Off Campus Placement Drive by Bijur Definon India Pvt. Ltd., Nigheje, Chakan	1
10.	16th March 2026	Pool Campus Placement Drive by V Tech Wabag 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.



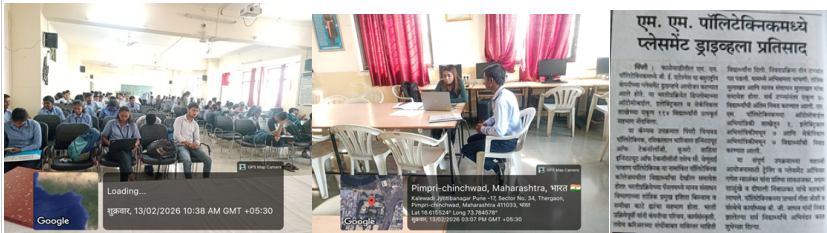
Students Writing WABAG Aptitude Test

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.a)	156 (EE - 14, MK - 29, ME - 24, AE - 19, CE - 79)
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. Deepthi 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 benefited from the programme.

Interview Preparations Workshop 2024-25:



Cracking the Interview

Expert Tips from **Mr. Sunil Desale**
(HR HEAD Endurance Ltd.) for **TY Students**

www.mmpolytechnic.edu.in
Contact: +91 9604528182 | +91 8055103040



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 Yarak 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 Minds 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 Diviji Torq Transfer Systems Pvt Ltd., Bhosari (Deve) 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, Khes, 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 (MMCCE), Karvenagar, Pune.	19 (MMP-19)
11.	03rd June 2025	Off Campus Placement Drive for Diploma and Degree students by Bijal Defmon 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



Elkix-India and IK2K Interview panel
interviewing students

Students Participated - 47 No. | Total Selections - 85 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.



Mr. Marli Kumar (HR) and Mr. Ravindra Patil from Bosch Chassis Systems India Pvt. Ltd. interviewed students.

पूल कॅम्पस प्लेसमेंट ड्राइव्ह
 ■ सरोनी विरे (एम.एच. पॉलिटेक्निक)
 मराठवाडा विर मंडळाच्या पॉलिटेक्निकने बीएच वीएस सिस्टम्स इंडिया प्रायव्हेट लिमिटेडच्या सहकार्याने अटोमोबाइल व मेकेनिकल इन्जिनियरिंगसाठी दिल्लीचा विद्यार्थ्यांसाठी पूल कॅम्पस प्लेसमेंट ड्राइव्हचे यशस्वीरुपा आयोजन केले होते. विविध पॉलिटेक्निक संस्थांमार्फत १०२ विद्यार्थ्यांनी सहभाग घेतिला. एम.आयटी-डब्ल्यू पॉलिटेक्निक, कोयंबळ, रिसकलाल भारीवाल इन्स्टिट्यूट ऑफ टेक्नॉलॉजी, विरभद्रगण, विरती-विश्वरूढ पॉलिटेक्निक, निगडी, वेदुवार्डी चव्हाण पॉलिटेक्निक (राखलीसोनी), बडगाव, कुसरो वाडिया इन्स्टिट्यूट ऑफ टेक्नॉलॉजी, पुणे सरकारी पॉलिटेक्निक, मिरज जयवंतराव सावंत पॉलिटेक्निक हटासर यांचा सहभाग होता. भारती प्रक्रियेत अधिष्ठीयता पाचणी, तांत्रिक मूलखती आणि एचआर मूलावलीचा समन्वय होता. 'बीएच वीएस मुरली कुमार आणि मारुतिनि के.के. मुराडकार' फॅशनचे एचआर मंडळ स्थापन केले होते. १०२ विद्यार्थ्यांना विद्युक्ती पत्र दिले. एम.एच. पॉलिटेक्निकच्या ४५ विद्यार्थ्यांचा सहभाग होता. प्रत्येकी मीठा जोशी यांनी बीएच वीएस सिस्टम्स इंडिया कंपनीचे आचार मानले. संस्थेचे कार्यवाह्य बी. जी. जाधव यांनी विद्यार्थ्यांचे अधिदेश केले.

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) Evalfor India Pvt Ltd., Ranjangaon, Pune - Centre of Excellence in EV Technology:

Evalvor India Pvt. Ltd., Ranjansgaon, is a reputed multinational company engaged in advanced materials and innovative engineering solutions for the automotive and mobility sector.

Evalvor India through its implementation partner, BroadArks 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 Evalvor 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:

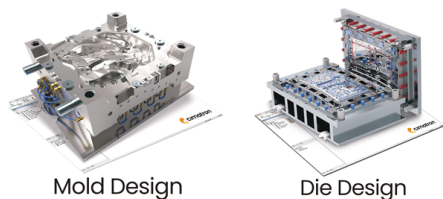
Successful learners will be awarded: NSDC/SSC-aligned certificate issued through an approved awarding body, and Industry certificate from BroadArks Foundation in collaboration with Evalvor.

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.

B) 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 Radhatech Engineering Pvt. Ltd., Pune:

The institute has entered into an MoU with Radhatech 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 Killarlikar, Radhatech Engineering, Bhosari, Pune imparting training to students on Cimatron Mold and Die Design and Manufacturing

iii) Industry Collaboration - Lab Equipment Support

Logicon Techonolutions Pvt. Ltd. - EV Two-Wheeler Donated



Logicon Techonolutions 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:

- Duration of course :- 32 weeks (including 3 weeks in plant training in VW Group Service station)
- Batch Size :- 16 students /batch.
- Current Batch:- 16
- Selection criteria :- Min. 55% marks in class X and min. 60% marks in VG-TAP selection test
- Designation After Placement:- "Service Advisee" or "Technician" in Volkswagen Group Service station.
- Course Activities:-
 - Internal Training is to be done at institute level from VW Certified Trainer.
 - Special 1 week Soft Skill training is to be done at Language Lab.
 - Field Training is to be done from Volkswagen Trainer for 1 week.
 - One month On-the-Job Training is carried out at the dealer network.
- Students Performance Test:-
 - Academic Performance.
 - Institute & VGSITPL will jointly conduct the selection test to select the participants who wish to attend the VG -TAP.
 - During the course students will undergo 10 module tests including practical as well as theoretical tests.
 - Post test is carried out by VW Trainer during Field training.
 - Final test.
 - Final Interview by Dealership.
- Beneficiary Students - 327 No.
- Certified - 300 No

Special Achievements:-

- Institute Award for Best Practices in Teaching and Learning process
- 2023-23: Runner up in the National Skill Contest
- Two faculties appointed as Evaluator for National Level Skill Contest by Skoda and Volkswagen
- Two students are placed at Audi Middle East Dubai.
- One student selected as Diagnostic Testing Technician for Volkswagen Group Vehicles
- One student working as Master Technician at Vidyut Motors, Pune
- One Student working as a service adviser at B. U. Bhandari, Wakad.
- Five students are placed at the Plant location.
- Two students working at VW- Academy as a trainer.

V) Industry Collaboration - Six Sigma Training and Certification



MoU with Pursuence GBS LLP, India

The institute's Department of Mechanical Engineering has entered into an MoU with Pursuence 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:-

- To arrange workshops, expert lectures, Competitions relevant to automobile field in the institute.
- To support technical and Non-Technical events organized by MM Polytechnic
- 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
- 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.
- To develop professional skills among student
- 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 Manda'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	View 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	18/03/2027	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	Robotics-Itech Robotics And Automation Pvt Ltd	FDP,workshops, seminars, guest lectures and internships,industrial visits,lab developments	1/8/25	3/7/28	
5.	Automation & Robotics	ISER	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.Ltd.	VGTA P 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 - 1 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	Radhatech 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	Quality 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	WickGurukul 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	Infenest digital solutions and web media	SDP,FDP,workshops, seminars, guest lectures and internships,industrial visits	15/01/2025	15/01/2027	
29.	Computer Engineering	Tedhivista 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	cyberus 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	Enthraltech 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	Anshika 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 IIR 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 ITR.	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, Baranati	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	Sciencetech 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	Arhtech 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	MJSC at IIMB	Lean Manufacturing Programme	12.11.2022		Unit 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 (ISER), Pune	Faculty Development	08.03.2023	07.03.2026	02 No. beneficiaries
56	Mechanical Engineering	Ujja 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: 24 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	Purullence 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	Lites 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 I.P	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. 4/17, Pimpri-Chinchwad, Pune - 411 033.

Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics | ADMI |
Automation & Robotics

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

Shri. Shivajirao D. Ganage President Prtn. Bhansobhai G. Jadhav Ex. President Shri. Kishor H. Mungale Secretary

Ref. No. MIMP/TA/PEED C&H/2025-26/

Date: 15/06/2025

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/innovate and entrepreneurial skills among students.

ED Cell Members

Name	Designation	Role
Mrs. Geeta S. Joshi	Principal	Chairperson
Mr. Ganes 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. Nimhalkar	Lecturer, Electrical Engineering	Member
Mrs. Pratiksha Rajal Navalgalkar	Lecturer, Mechanical Engineering	Member
Mr. 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.



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

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 Vision 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 | ADMI |
Automation & Robotics

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

Shri. Shivajirao D. Ganage President Prtn. Bhansobhai G. Jadhav Ex. President Shri. Kishor H. Mungale 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	Prtn. 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. Dumbre	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



[Signature]
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 |
 Animation & Robotics | Electronics Engineering
 Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

Shri. Shivajirao D. Ganuge President	Prin. Bhansabab G. Jadhav Exe. President	Shri. Kishor H. Mungale Secretary
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Ref. No.: MMPOLY25-26/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



Mrs. Geeta S. Joshi
 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 -
 I) 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 Evaluate India Pvt. Ltd., Pune under CSIR 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



Mrs. Geeta S. Joshi
 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 Kalawadi 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
 Sr. No. 4/17, Pimpri-Chinchwad, Pune - 411 033.
 Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics | AIML |
 Animation & Robotics
 Contact No.- 9657728182, Email ID- office@mmpolytechnic.com

Shri. Shivajirao D. Ganuge President	Prin. Bhansabab G. Jadhav Exe. President	Shri. Kishor H. Mungale Secretary
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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.



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 enrollment.

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.

**Subject No. 7:****To discuss the further process of 'Centre of Excellence' funding by Evaluator India Pvt. Ltd., Pune, under CSIR activity.**

- > The Principal briefed the members about the 'Centre of Excellence' funding proposal under CSIR activity supported by Evaluator 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.



G.S. Joshi
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.

Autonomous Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics | AIML |
Administration & Finance

Contact No.-963728142, Email ID-office@mmpolytechnic.com

Shri. Shivajirao D. Ganage - President Ptn. Bhawanesh G. Jadhav - Est. President Shri. Kishor H. Mengale - 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	<i>B.G. Jadhav</i>
3	Shri. K. H. Mangale	Member	---
4	Shri. A. S. Pawar	Member	<i>A.S. Pawar</i>
5	Shri. B. V. Deshmukh	Member	---
6	Shri. S. S. Suryawanshi	Member	---
7	Shri. T. P. Nivalkar	Invitee	<i>T.P. Nivalkar</i>
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	<i>G.S. Joshi</i>
12	Shri. P. M. Dumbre	Faculty Member	<i>P.M. Dumbre</i>
13	Shri. B. S. Salunke	Faculty Member	<i>B.S. Salunke</i>
14	Shri. V. S. Solanke	Faculty Member	<i>V.S. Solanke</i>
15	Mr. P. R. Kapure	Non-Teaching Staff Member	<i>P.R. Kapure</i>

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

- The Governing Body's advice is being implemented, and efforts are continuing to ensure improved enrollment 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 Evaluator India Pvt. Ltd., Pune, under CSIR activity.

- The Principal briefed the members about the 'Centre of Excellence' funding proposal under CSIR activity supported by Evaluator 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 Evaluator 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 continued 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

	MARATHWADA MITRA MANDAL'S POLYTECHNIC,	
	PIMPRI CHINCHWAD, PUNE-33	
	ACADEMIC YEAR: 2024-25	
	Doc. No.: Policy Doc-13	Rev. No.: 01
Page: 1 out of 4	Rev. Dt: 09/10/2024	
Policy Document - 2024 - 2025 - Leave Policy		

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 lab, MSBTE dates (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.

[Handwritten signature]

MARATHWADA MITRA MANDAL'S POLYTECHNIC, PIMPRI CHINCHWAD, PUNE-33	
ACADEMIC YEAR: 2024-25	
Doc. No: Policy Doc-13	Rev. No.: 01
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Policy Document - 2024 - 2025 - Leave Policy	

- > 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)

Marathwada Mitra Mandal's Polytechnic, Pimpri Chinchwad, Pune-33 page 2 of 4

MARATHWADA MITRA MANDAL'S POLYTECHNIC, PIMPRI CHINCHWAD, PUNE-33	
ACADEMIC YEAR: 2024-25	
Doc. No: Policy Doc-13	Rev. No.: 01
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Policy Document - 2024 - 2025 - Leave Policy	

- > 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 relative - 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 page 3 of 4

MARATHWADA MITRA MANDAL'S POLYTECHNIC, PIMPRI CHINCHWAD, PUNE-33	
ACADEMIC YEAR: 2024-25	
Doc. No: Policy Doc-13	Rev. No.: 01
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 - All rights are reserved by the Principal / Secretary / Executive President.

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) | A.D.M.I.

Automation & Robotics | Electronics Engineering

Contact No.- 9657721181, Email ID- office@mmppolytechnic.com

Shri. Shivajirao D. Ganuge President Shri. Bhambhikar G. Jadhav Ex. President Shri. Kishor H. Manganale 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.



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

Class	Teacher Name	Sign
AN4K	S.M. Patil	[Signature]
AN4K (Ans)	S.R. Shastri	[Signature]
CO2K(B)	Ghugre P.A.	[Signature]
AE6K	Shinde C.S.	[Signature]
EX2K	G.B. Khese	[Signature]
CO6K-A	S.J. Patil	[Signature]
CO6K-B	Salunke V.K.	[Signature]
AN2K	Dangot A.M.	[Signature]
CO6K-B	Jhalpe S.B.	[Signature]
FYEE E1	Pradya Patil	[Signature]
FYAO A02	Lakshmi C.	[Signature]
FYEE-E2	Nimbalkar D.K.	[Signature]
SYCO-C4	Deshmukh A.P.	[Signature]
SYCO-C5	Jagtap E.A.	[Signature]
SYCO-C5	Halwade V.V.	[Signature]
SYME	A.G. Patil	[Signature]
SYMK	Raghuwade S.	[Signature]
TYEE	Jadhav S.	[Signature]
FYCOA	Chandekar A.A.	[Signature]
TYME(MI)	Tilke A.A.	[Signature]

Rules, Policies, Procedures for students regarding:

1. DISCIPLINE:

- Creating a nuisance on the campus is liable for disciplinary action.
- 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.
- Ragging is strictly prohibited in the campus (Maharashtra Prohibition of Ragging Act 1999)
- Students should take care of their belongings. The college authority will not be responsible for any loss or theft.
- Smoking or chewing gum, gutka, or Pan in the premises is strictly prohibited.

2. ATTENDANCE

- 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.
- 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

- Wearing of the I-Card is compulsory every day.
- Wearing of uniform every day except Wednesday is compulsory. The student must also wear a uniform during examinations and various committee visits.
- While representing our college during various events, students must wear the college uniform.
- The college uniform should be clean and ironed properly.

4. CARE OF COLLEGE PROPERTY:

- Students should treat Institute property with care.
- Students are forbidden to write or scribble on the wall and furniture, dirty the classrooms or damage any material.
- Parents/guardians will have to compensate for wilful damage done to college property.

5. LEAVE

- Students should take prior permission for leave from their respective class teacher before proceeding on leave.
- In case of an emergency, parents can contact the respective class teacher at the given phone number.
- If the student takes sick leave for more than 3 days, he/she must produce a medical certificate.
- No student suffering from any contagious or infectious disease shall be permitted to attend classes.

6. LIBRARY Rules:

- Silence should be observed in the library at all times.
- Students should not bring any book of their own into the library except their notebooks and a pen or pencil.
- 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.
- 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.
- Books can be renewed for a period of one week, provided the book is not in great demand.
- Before leaving the library, books to be borrowed must be carefully examined by the student. He/ She should report any damage to the librarian immediately. A fine will be levied if the book is lost; it must be replaced at once or duly compensated for.
- No book, magazine or newspaper shall be taken out of the library without the permission of the librarian.

	Mrs. Zunjirao Hemangi R.	Lect.in Automation & Robotics Engg.	
	Mrs. Svaslata Prabhā	Lect.in Mechanical Engg.	
	Ms. Haral Ashwini G.	Lect.in Mechanical Engg.	
	Mrs. Tike 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. Kulkarni S.	Lect.in Computer Engg.	
	Ms. Jethwa 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. Sakunthe 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 Mechanical Engg.	
	Mr. Gaikwad Nish M.	Lect.in Mechanical Engg.	
	Ms. Patil Kavita V.	Lect.in Mechanical Engg.	
	Ms. Rathor Rupali	Lect.in Mechanical Engg.	
	Ms. Shelke Gitanjali	Asst. Librarian	
	Mrs. Sawangire A. P.	Lab Asst in Mechanical	
	Mr. Patil K. V.	Lab Asst in Chemistry	
	MS Patil P. E.	Workshop Instructor	
	Mr. Deskar M. D.	Lab Asst in Physics	
	Mr. Shelke P. V.	Lab Asst in Computer	
	Mr. Shinde Onkar P.	Lab Asst in AIMS	
	Ms. Wadkar Rajashri S.	Asst. Librarian	
	Mrs. Wagh Rohini	Jr. Clerk	
	Mrs. Pawar S. H.	Jr. Clerk	
Mrs. Nikam D. V.	Sport Teacher		
Mr. Surate Nish			



6.	Internal Vigilance	Mr. Suryawanshi P. N. Mrs. Lakhe M. C. Mr. Kadam Tushar V. Mrs. Pokhkar R. N.	Lect. in Automobile Engg. Lect. in Chemistry HOD Electrical Engg. HOD A&E	
7.	Reliever	Ms. Dhalhe Ani A. Ms. Shinde Sallusi S. Mrs. Talnikar Pallavi Anil Ms. Patil Shweta	Lect. in Chemistry Lect. in Automobile Engg. Lect. in Automation & Robotics Engg. 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 Mechanical	
10.	Registrar	Mr. Kaware P. R.	D/S	
11.	Account Clerk	Mr. Mane Anur H.	Assistant Asst.	
12.	Students Section Clerk	Mr. Patil P. A.	Sr. Clerk	
14.	Hamal	Mr. More M. D.	Workshop Instructor	
		Mr. Hanthar J. B.	Workshop Instructor	
		Mr. Dalhanjan R. S.	Workshop Instructor	
		Mr. Pawar Onkar S.	Lab Asst in Electrical	
		Mr. Waighole M.S.	Lab Asst in Automobile	
		Mr. Shinde S. M.	Lab Asst.	
		Mr. Pawar Anilash 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. Sakunke Shyam	Lab Asst in Automobile	
		Ms. Lohar Diksha M.	Lab Asst in ELECTRONICS	



Jadhav
PRINCIPAL
 Manoharappa Biring Mandale's
 POLYTECHNIC
 Thergason, 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

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

Autonomous Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics | A.I.M.E. |
Automation & Robotics | Electronics Engineering

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

Shri. Shivajirao D. Ganage President Prtn. Bhassab G. Jadhav Exe. President Shri. Kishor H. Mangale Secretary

OFFICE ORDER

Annual Gathering – मसिम् 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 Vilas S.			
			Mr. Gundak Rajul J.			
			Mrs. Patil Pratik S.			
			Mrs. Polakar Rupali N.			
			Mr. Kadam Tushar V.			
			Mr. Palwe Rajnikant M.			
			Mr. Kapure P.R.			
			Mr. Mohite S.S.			
			Mr. Sarate Nitin			
			Mr. Harhar J.B.			
			Mr. Jadhav Rajul P.			
			Mr. Kulkarni 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.			



Marathwada Mitra Mandal's Polytechnic

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

Autonomous Engineering | Computer Engineering | Electrical Engineering | Mechanical Engineering | Mechatronics | A.I.M.E. |
Automation & Robotics | Electronics Engineering

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

Shri. Shivajirao D. Ganage President Prtn. Bhassab G. Jadhav Exe. President Shri. Kishor H. Mangale Secretary

Sr. No.	Name of Committee	Co-ordinators	Members	Sign
3	Gathering Core Committee	Ms. Deshmukh Arati P.	Mr. Bhande P.A.	
			Mr. Salunke S.D.	
			Mr. Shelke P.V.	
			Mr. Patil P.A.	
			Mr. Shinde S.M.	
			Mr. Alandkar Abhishek P.	
			Mrs. Talnikar Pallavi Anil	
			Mrs. Jadhav Rashmi R.	
			Mrs. Patil Swapnal M.	
			Mrs. Herekar M.M.	
			Ms. Dahale A.A.	
			Ms. Shinde Saloni S.	
			Mrs. Bhor Peesha S.	
			Ms. Ghuge Pooja A.	
			Mr. Alandkar A.P.	
			Ms. Patil Shweta	
			Mrs. Nemkar D. K.	
			Mrs. Sawajkar Pratikha	
			Mrs. Bhosale Sharmila S.	
			Ms. Rathor Rupali	
			Mrs. Jadhav Jagruti K.	
			Ms. Shete A.P.	
			Mrs. Motankar T.B.	
			Mrs. Patil Supriya J.	
			Mr. Dalhanjan B.S.	
			Mrs. Pawar S.H.	
			Mrs. Nikam D.V.	
			Ms. Kadam V.R.	
			Mr. Deekar M.D.	
			Mr. Patil R.V.	
Mr. Bhor T.G.				



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Shri. Shivajirao D. Ganage President Prtn. Bhassab G. Jadhav Exe. President Shri. Kishor H. Mangale Secretary

Sr. No.	Name of Committee	Co-ordinators	Members	Sign
4	Days Celebration	Mrs. Nadmetta Sneha A.	Mrs. Deshmukh V.A.	
			Ms. Nalwade Varsha V.	
			Ms. Khomane Shital	
			Ms. Haral Ashwini G.	
			Ms. Nemade Lubha	
			Ms. Nandapure Arati	
			Ms. Patil P.K.	
			Mrs. Wagh Rubini	
			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 Anurita R.	
			Mrs. Tike Anurita A.	
Ms. Kadam V.R.				
5	Prizes Distribution	Mrs. Patil Mohini S.	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. Lohre M.C.	
			Mr. Ashinath Puri	
6	Seating Arrangement & Monitoring during Event	Mr. Salunke B.S.	Ms. Pradnya Patil	
			Mr. Mhalankar G.S.	
			Mr. Sutar B.A.	



		Mr. Harhar J.B. Mr. Durbhanjan K.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. Galwad Nitin M. Mr. Durgut Ashique Mr. Salunkhe Nikhil K. Mr. Adhinath Puri Mr. Pathan Shahrulh Mr. Sutar B.A. Mr. Pawar Dilkar S. Mr. Salunke S.D. Mr. Bhande P.A. Mr. Shelke P.V. Mr. Jadhav Rahul D. Mr. Sagar Mahesh U. Mr. Waghole M.S. Dr. Lakhe Munalini C. Mrs. Engale S.P. Mrs. Zunjirao 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.



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

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. ICQAC 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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Shri. Shivajirao D. Ganage President Prm. Bhawanish G. Jadhav Exe. President Shri. Kishor H. Mungale Secretary

Ref.No. mmp/office/25153 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. G.S. Joshi
 (Principal)

Meeting Date: 28th August, 2025
 Venue: Seminar Hall
 Time: 4:20 pm

ANI (AN3K) - 204
 EXI - 204
 AN2 (AN3K) - 204
 COB - 204
 AOK - 204
 MEK - 204
 EE (E-1) - 204
 SYEE-2 - 204
 SYEE-1 - 204
 ME-3K-MME - 204
 SYCO (A) - 204
 TYCO (A) - 204
 SYCO (B) - 204
 EXI - 204
 TYPIE - 204
 FEIK - 204
 AOBK - 204
 SYMK-2 - 204
 SYMK-3 - 204

FXAO - 204
 SYME - 204
 TYME - 204
 COA - 204
 TYEE - 204
 COSB - 204
 MKK - 204
 ANIK-BI - 204

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Shri. Shivajirao D. Ganage President Prm. Bhawanish G. Jadhav Exe. President Shri. Kishor H. Mungale Secretary

Ref.No. mmp/office/25153 Date:

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:

- Mrs. S.B. Dhalpe read out the minutes of the previous meeting.
- 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.
- Committee members requested to principal mam that there is need of bus facility and girl's hostel for the girl students.
- 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.
- 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.
- Committee coordinator gave awareness for "Damini Pathak" to girl students.
- 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.

3. Grievance Redressal Cell (2025-26)

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Shri. Shivajirao D. Ganage President Prm. Bhawanish G. Jadhav Exe. President Shri. Kishor H. Mungale Secretary

Ref.No. mmp/office/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	[Signature]
2.	Mr. P. M. Dumbre 9766000223	Coordinator	[Signature]
3.	Mrs. S. B. Dhalpe 8208623516	Member	[Signature]
4.	Mr. V. S. Solanke 9823202098	Member	[Signature]
5.	Dr. P. A. Jadhav 942399782	Member	[Signature]
6.	Mr. R. J. Gandla 8055103040	Member	[Signature]
7.	Mr. T. V. Kadam 8806107819	Member	[Signature]
8.	Mr. S. P. Ghogare 9850293974	Member	[Signature]
9.	Mrs. R. M. Pohakar 8087618454	Member	[Signature]

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

Marathwada Mitra Mandal's Polytechnic
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 Contact No. - 967728182, Email ID - office@mmpolytechnic.com

Shri. Shivrajrao D. Ganuge Priti. Bhanubhai G. Jadhav Shri. Kishor H. Mangale
 President Exe. President Secretary

Ref. No. (15/11/25)/comm/2025-26/131 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	Priiti Pandit Surwase (SY AE)	Student Representative	
8	Dnyaneshwar Suradkar (SY AN)	Student Representative	

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

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. Shivrajrao D. Ganuge Priti. Bhanubhai G. Jadhav Shri. Kishor H. Mangale
 President Exe. President Secretary

Ref. No. Date: 06/11/25

NOTICE

The SC/ST (Prevention of Atrocities) Committee meeting is scheduled on 07th November, 2025, Friday, at 4:30 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	Priiti Pandit Surwase (SY AE)	Student Representative	
7	Dnyaneshwar Suradkar (SY AN)	Student Representative	

Mrs Dhalpe S.B.
(Committee coordinator)

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

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Shri. Shivrajrao D. Ganuge Priti. Bhanubhai G. Jadhav Shri. Kishor H. Mangale
 President Exe. President Secretary

Ref. No. Date: 07/11/25

ATTENDANCE - SCST 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	Priiti Pandit Surwase (SY AE)	Student Representative	
7	Dnyaneshwar Suradkar (SY AN)	Student Representative	

Mrs Dhalpe S.B.
(Coordinator)

PRINCIPAL
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Shri. Shivrajrao D. Ganuge President Priti. Bhambale G. Jadhav Ex. President Shri. Kishor H. Mangate 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)



Mrs. G.S. Joshi
(PRINCIPAL)
Marathwada Mitra Mandal's
POLYTECHNIC
Thergaon, Pune - 411 033.

ICIQAC Committee Institute level curriculum implementation and quality assurance committee



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Shri. Shivrajrao D. Ganuge President Priti. Bhambale G. Jadhav Ex. President Shri. Kishor H. Mangate 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	
	Mr. P.M. Dumbre	Ex.Officio.	
	Mr. V. S. Solanke		
	Mr. R. J. Gundia		
	Dr. P.A. Jadhav		
2	Mr. S.P. Ghogare	Ex.Officio.	
	Mr. T. V. Kadam		
	Mrs R.N. Pohakar		
	Mrs P.S.Patil		
3	Ms M.S.Patil	Members	
4	Ms M.M. Herlekar	Ex.Officio. Member secretary	
	Mr R.M. Palwe		
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)
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**

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 Shri. Shivajirao D. Ganage, President | Prfn. Bhausaheb G. Jadhav, Exe. President | Shri. Kishor H. Mungale, Secretary
 Date: 04/08/2025

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 Shri. Shivajirao D. Ganage, President | Prfn. Bhausaheb G. Jadhav, Exe. President | Shri. Kishor H. Mungale, Secretary
 Ref. No. _____ Date: 05/08/2025

Marathwada Mitra Mandal's Polytechnic
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 Shri. Shivajirao D. Ganage, President | Prfn. 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

"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:

- Welcome
- Review of last meeting
- Activities / discussion
- Vote of thanks

Name of members:

Sr. No.	Name of Member with contact number	Designation	Signature
1.	Mrs. R. N. Poharkar (8087618454)	Coordinator	
2.	Ms. Ghare Dhanashree (9881038380)	NGO	
3.	Ms. M. M. Herlekar (9518379718)	Member	
4.	Mrs S. B. Dhalpe (8208623516)	Member	
5.	Mrs. A. P. Sawargave (9762213268)	Member	
6.	Mr. P. M. Dumbre (976600223)	Member	
7.	Mr. V. S. Solanke (9823202098)	Member	
8.	Ms. Yachika G. Peekar (SY AI/ML) (8359455098)	Student Representative	
9.	Ms. Nikita K. Pansare (TYCO) (7414926914)	Student Representative	

"Internal Complaint Committee Meeting Attendance"

Name of members:

Sr. No.	Name of Member with Contact Number	Designation	Signature
1.	Mrs. R. N. Poharkar (8087618454)	Coordinator	
2.	Ms. Ghare Dhanashree (9881038380)	NGO	
3.	Ms. M. M. Herlekar (9518379718)	Member	
4.	Mrs S. B. Dhalpe (8208623516)	Member	
5.	Mrs. A. P. Sawargave (9762213268)	Member	
6.	Mr. P. M. Dumbre (976600223)	Member	
7.	Mr. V. S. Solanke (9823202098)	Member	
8.	Ms. Yachika G. Peekar (SY AI/ML) (8359455098)	Student Representative	
9.	Ms. Nikita K. Pansare (TYCO) (7414926914)	Student Representative	

Minutes of the Meeting of "Internal Complaint Committee" held on 05-08-2025 at 4.25pm in VG TAP

Proceedings:

- Mrs Dhalpe S.B. (Committee coordinator), commenced the meeting by extending a warm welcome to all the attendees.
- Finalized the schedule for activities planned (all curriculum Exams), also identified the hindrances for above activities planned.
- The Committee noted that no complaint of sexual harassment has been received from any employee/student till date.
- 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. G. S. Joshi
 (Principal)
 PRINCIPAL
 Marathwada Mitra Mandal's
 POLYTECHNIC
 Thergaon, Pune - 411 033.



Mrs. G. S. Joshi
 (Principal)
 PRINCIPAL
 Marathwada Mitra Mandal's
 POLYTECHNIC
 Thergaon, Pune - 411 033.

Mrs. S.B. Dhalpe
 (Committee coordinator)



Mrs. G. S. Joshi
 (Principal)
 PRINCIPAL
 Marathwada Mitra Mandal's
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 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 (Reg. No. 2023 dated 01/11/1985)
 Registration Under Bombay Public Trust Act 1954 (S/35/P) dated 15/11/1987
 Tel : 020-25665320, 01490332328 Telefax: 020 - 256653039
 E-mail : mmmmandal@mmmpolytechnic.com

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

MMM/MMMPOLY/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, Thergaon (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
 Thergaon (Kalewadi),
 Pune - 411 033
 2. Concerned Head of the Department and Dean
 Marathwada Mitra Mandal's M.M. Polytechnic
 Thergaon (Kalewadi),
 Pune - 411 033
 3. Accountant
 Marathwada Mitra Mandal's M.M. Polytechnic
 Thergaon (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.mmmpolytechnic.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
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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.

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

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

Prin.Bhansabeb G.Jadhav
President

Dr. Madhavrao V. Suryawanshi
Exe.President

Shri.Kishor H.Mungale
Secretary

Table of Recurring and Non-Recurring Expenses

Particulars ITEMS	FY2022-23		FY2023-24		FY2024-25		FY2025-26	
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
Non-Recurring Expenses								
Computer & Softwares	300000	247261.37	500000	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
Laboratory Equipment	2400000	2865277	900000	816387.9	4000000	3516587.04	2000000	1575089.96
Library 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 System	250000		100000					
Medical	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	39,209,173	44,253,815	50,034,467	54,296,880	58,584,473



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EOA- Extension of Approval Expenses	100000				400,000	401,500	450,000	483,500
Affiliation Fees	75000	215000	100000	1078000	300000	240000	300000	225000
Affiliation Fees ACKVK					25000	22000	25000	
Processing Fees DTE					90000	60000	300000	240000
Processing Fees MSBTE	80000	90000			200000	189200.04	160000	160000
Fees Fixation Committee Fees	5000		15000		450000	225903.44	200000	145589.17
Conference & Seminar Expenses	40000	32316	600000	544732.12	200000	112083	250000	181701.94
Annual Day Gathering Expenses	200000	162055	250000	222449	200000	1031898	1000000	672145.5
Fees Concessions	600000	685477	1000000	857360	1000000			
Functional Expenses	40000	24731	100000		30000			
Insurance of VG /AP Body Repair Course	20000	14603	20000		20000			
News Paper Expenses	20000	6135			20000		25000	16802
Magazine 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 Expenses	15000	8246	100000	72842.54	80000	49527.4	75000	65995.95
Eam & 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
Student Competition Expenses			400000	240775	300000	162232.72	200000	138065.5
NBA Visit Expenses			70000	55630				
NBA Accreditation, 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 Amphiphol Interconnect India Pvt Ltd								10000
Remuneration to Staff (IME)								96900
Remuneration to 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	100000	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	350000	3108288	3800000	3521527.36	3500000	3259717.92	3500000	5460267.22
Security Expenses	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 Expenses	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 & Maintenance-Computer	150000	121764	50000	38409.63	40000	27080.14	8000	7679.52
Repairs & Maintenance -Electrical	210000	175845	200000	226514.68	200000	145698.59	150000	104494.46
Repairs & Maintenance -Building	800000	1162307	500000	489898.86	300000	380966.02	150000	10950
Repairs & Maintenance-Equipments	150000	101385	325000	310066.62	300000	148074.74	200000	342421.19
Repairs & Maintenance-Laboratory	50000		100000		100000	79400.26	500000	1389636.92
Repairs & Maintenance-Expenses Ground			400000	348132				21300
Repairs & Maintenance-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	67,383,320	74,641,980	82,035,866.5
	107.15		96.39		105.71			109.91
Recurring + Non Recurring Total	56,449,610	59,381,186	71,878,526	67,832,911	74,845,915	77,383,196	86,941,980	91,435,973
	105.20		94.24		103.32			105.17



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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
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	4.00
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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
President

Dr. Madhavrao V. Suryawanshi
Exc.President

Shri.Kishor H.Mungale
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	



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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, VasantKanj, New Delhi-110079 Website: www.aicte-india.org

MODROB POLYTECHNIC - Sanction Letter

F.No.9-79/DC/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 Kanj, New Delhi - 110079

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 Remorat 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, TERGAON, PUNE, S.NO. 4/17, SECTOR NO. 34, PCNTDA, OFF KALEWADI ROAD, TERGAON, PUNE, Maharashtra		
2. Title of Project:	Recor development in Vehicle Maintenance and Testing.		
3. Name of Coordinator:	PARMESHVAR SURYAWANSHI		
4. Duration of the project:	2 years		
5. Total Project Cost:	Rs.142500/-		
6. Contribution from AICTE, Industry & Institute:	AICTE	Industry	Institute
	Rs.1512500/-	Rs.25000/-	Rs.150000/-
7. Total Sanctioned Grant-in-aid from AICTE:	Non-Recurring(85%):	Recurring (15%):	TOTAL
	Rs.1285625/-	Rs.22875/-	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 debitable to:	Major Head 001.18(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 further.

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. The 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

1. **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
AAAT0885W	BANK OF INDIA	Plot	PO/RTGS, Pl. No. 11/17 PUNE, MAHARASHTRA 411018	MARATHWADA MITRA MANDALS POLYTECHNIC	Saving Account	0507102100002	BIKI00000507

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:-

- Feedback form in the prescribed proforma.
- 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.
- 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.
- 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.
- Program Evaluation Committee (PEC)** is required to be constituted at Institutional level. The constitution of the PEC shall be as under:
 - Principal/Director/Registrar of the Institution (Chairperson)
 - Two HODs and one subject expert (Members).
 - 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.
- Project completion report indicating the activities undertaken, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
- Attested photocopies of supporting vouchers/bills of expenditure incurred for the completion of Project.
 - Photographs of equipment purchased.
- 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

- 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 release.
- 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 ceases 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:

- 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.
- The equipment/ items in unseizable 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.
- 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.
- The transportation charges for shifting of equipment/ items be borne by borrowing institute.
- 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/ordar-circular/general-financial-rules2017) shall be followed during utilization of grant.

h. The department/ institute is expected to utilize these equipment along with 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).

iv. List of Equipment approved:

Name of Equipment
Working Model of electric Vehicle
Computerized Research engine setup (Cylinder
4 Stroke
Multi-fuel with eddy current dynamometer
Scan Tool - On Board Diagnostic Tools (OBD-II)

Yours sincerely,
 Dr. Nitesh Sharma
 Advisor - I (BC)

Copy forwarded for information and necessary action to:
 1. Name and Address of the Coordinator,
 PARAMESHWAR SURYAWANSHI,

ANNEXURE

FORMAT for UTILIZATION CERTIFICATE

Sanction Letter No. 9-70/DC/MOD-POL/Polcy-1/2021-2022 Date: 30.11.2023

Sl. No.	Name of the Equipment Procured	Amount Sanctioned	Amount Utilized (Item wise)	Unspent Balance
1	Computerized Research Engine Setup		9,65,004/-	
2	Working model of electric vehicle	12,85,625/-	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 8,45,971/- and AICTE sanctioned amount Rs 12,85,625/-

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	2,26,875/-	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. Marathe
 Finance Officer (Signature and Seal with date)

[Signature]
 Registrar/ Principal/ Director (Signature and Seal with date)

Name of the Institution: Marathwada Mitra Mandal Polytechnic
 Address of Institute: Tergon 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.

[Signature]
 C.A. D. R. H. RANAW
 CHARTERED ACCOUNTANT
 Mem. No. 135117
 Mem. 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/DC/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 Mandala'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. Marathe
 Finance Officer (Signature and Seal with date)

[Signature]
 Registrar/ Principal/ Director (Signature and Seal with date)

[Signature]
 C.A. D. R. H. RANAW
 CHARTERED ACCOUNTANT
 Mem. No. 135117
 Mem. F. C. A., Ph.D.

Dated- 25th February, 2021 F.No.67-19/IDC/GOC/POLICY-1/2020-21

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)
Nehru Mandala Marg, Vasant Kunj, New Delhi 110079 Website: www.aicte.gov.in

Grant for Organizing Conference - Sanction Letter

To
The Drawing and Disbursing Officer
All India Council for Technical Education
Nehru Mandala Marg, Vasant Kunj,
New Delhi 110079

Subject: Release of a sum of **Rs. 1,06,650/- (Rupees One lakh six thousand six hundred fifty only)** as Grant-in-Aid to conduct Conference under the scheme **Grant for Organizing Conference (GOC)** for the year 2020-21 payable during the current financial year 2020-21 req.

Sir,
With reference to the proposal submitted by the Institute, this is to convey the sanction of the Council for payment of **Rs. 1,06,650/- (Rupees One lakh six thousand six hundred fifty only)** to conduct Conference under the scheme **Grant for Organizing Conference (GOC)**, as per details given below:

1.	Name and address of the Beneficiary Institute	Marathwada Mitra Mandali's Polytechnic, Thergamon, Pune, S. No.4/17, Sector No.34, PONTDA, Off Kaleswari Road, Thergamon, Pune-District, Maharashtra-411033
2.	Permanent ID of Institute	1-421166773
3.	Title of Conference	ANCOA
4.	Mode of Conference	Onsite Conference
5.	Level of Conference	National Level
6.	Name of Coordinator	Mr. Vikas Solanki
7.	Name of Co-Coordinator	Rupali Puharaj
8.	Grant-in-aid Sanctioned	Rs. 2,13,300/- (Rupees Two lakh thirteen thousand three hundred only)
9.	Amount to be released during the year 2020-21 as 1 st instalment (50% of grant sanctioned)	Rs. 1,06,650/- (Rupees One lakh six thousand six hundred fifty only)
10.	Sanctioned grant-in-aid is debitable to	Major Head 601.17 (a) Gen (GOC) Plan Head

The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education, New Delhi on the Grant-in-aid bill and shall be disbursed to and credited to the account of Registrar/ Director/Principal of the Institute through RTGS.

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 college: Institution

1. Release of funds

a. The Principal/ Director of the Institute and the Coordinator of the Conference are hereby requested to verify the correctness of the undermentioned bank account RTGS details submitted by them along with the Proposal, against which the grant is being released.

AQIS ID: 1-9255180699

Dated- 25th February, 2021 F.No.67-19/IDC/GOC/POLICY-1/2020-21

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
TEEDTMR 99N	STATE OF INDIA	Project	PIMPRI 'C' 18 S/L 1101 PUNE MAHARASHTRA 411018	SUBLOT/REKHA MITRA MAHARAJA POLYTECHNIC	Saving	5047102130002	8000000507

In case of any omission the same should be reported to AICTE immediately.

b. First instalment i.e. 50% of the grant sanctioned is being released as advance to the institute.
c. 2nd instalment will be released on receipt of requisite documents after successful conduct of conference.
d. This sanction is issued in exercise of the powers delegated to the Council and other terms and conditions laid down in the guidelines of the scheme.

II. Limit of Funding

a. The grant from AICTE will be one-third (limited to Rs. 2,13,300/-) of the total expenditure incurred for organizing the Conference and rest amount i.e. two-third of total expenditure will be managed by institute itself.

III. Utilization of funds

a. Funds once released/sanctioned for organizing the particular Conference cannot be utilized for any other programme/ conference.
b. 10% of the funds sanctioned by AICTE should be utilized for registration fee of participants belonging to SC/ST category.
c. At least 15% and 25% participation from other states is must for onsite conference and online conference respectively.
d. Papers from host institution should not be more than 10% of the total papers.
e. Coordinator will maintain an electronic record of papers, participants, their institution & its location, to ensure that norm of Pan-India participation, overseas participants in International Conferences and papers from local faculty, are adhered to and also shared with AICTE.

IV. Maintenance of accounts

a. The institute shall strictly follow the provisions laid down in the scheme document and this sanction letter. All correspondence related to the conference must contain the number of this letter although year of sanction of the conference falling which correspondence will not be entertained.
b. The institute shall maintain proper accounts of the expenditure out of the grant and 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.
c. 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.
d. Coordinator will maintain an electronic record of papers, participants, their institution & its location, to ensure that norm of Pan-India participation, overseas participants in International Conferences and papers from local faculty, are adhered to and also shared with AICTE.

V. Refund of grant to AICTE by way of a demand draft in favour of Member Secretary, AICTE, New Delhi

a. In case the event is cancelled, the fund released should be immediately refunded to AICTE with interest accrued thereon.
b. The grant shall be refunded to AICTE if the Letter of Approval (LOA) or Extension of Approval is not issued by AICTE to the institute for the academic year 2020-21.

Dated- 25th February, 2021 F.No.67-19/IDC/GOC/POLICY-1/2020-21

c. The proposed approved Conference shall be conducted within 12 months from the date of receipt of grant. If conference is not conducted within stipulated time period, the released amount, alongwith interest accrued thereon, has to be necessarily returned to AICTE within one month failing which penalty @ 10% will be levied.

d. Interest accrued on the grant released, shall be refunded to AICTE.

e. No payment is permissible against the conference already conducted. Institutions are liable to refund the grant if received after the conduct of conference and have no plan of conducting the conference ahead.

f. 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.

VI. Documents to be uploaded on AICTE Dashboard/ Portal

On receipt of grant:
The Acceptance Letter with dates of Conference, within 7 days from the date of receipt of the Sanction Letter duly signed and seal affixed by Coordinator and Head of the Institutions along with permission/clearance of Govt. of India for Organizing Conference.

After conduct of the Conference:
Institute has to fill up Report on AICTE dashboard/ portal and upload following documents:
a. Copy of proceedings of conference
b. Feedback of the participants
c. Geotagged photographs (maximum 15) of the conference.

VII. Submission of documents by institute after conduct of conference

The following documents must be submitted to AICTE within a period of one month, from the date of conduct of Conference:
a. Institution Certificate and Statement of Accounts in prescribed format duly audited by the Chartered Accountant in the case of a private institution and by the Finance Officer/Account Officer in respect of government/government aided institution.
b. Supporting bills/documents on account of expenses incurred for the purpose duly audited by the Head of the Institute.
c. Self copy of final report submitted on portal as mentioned above (in section VI).

VIII. General instructions

a. Any change in the programme for holding Conference, change of Coordinator name, Venue and Date should be effected only after prior approval of the Council, failing which the sanction for the grant already issued would be treated as automatically withdrawn.
b. The assets acquired wholly or substantially of the All India Council for Technical Education's grants without proper sanction of the Council and should, at any time the Institution ceased to function, such assets shall revert to the All India Council for Technical Education.
c. The beneficiary institute will make best efforts to promote the scheme by mentioning the sponsorship support from AICTE, carrying the Logo of AICTE in conference and other means.
d. The grantee institutions shall observe all financial norms and guidelines as prescribed by the AICTE Government of India from time to time. GOI GFR rules (https://doi.gov/inorder/circular-general-financial-rules2017-0) should be followed during utilization of grant.

AQIS ID: 1-9255180699

Dated- 25th February, 2021 F.No.67-19/IDC/GOC/POLICY-1/2020-21

e. In respect of international conference, additional guidelines at Annexure-I have to be followed.
f. In respect of Online / e- Conference, additional guidelines at Annexure-II have to be followed.
g. This Sanction Letter may be treated as Offer Letter for all purposes.

Copy forwarded for information and necessary action to:

- Name and Address of the Coordinator**
Mr. Vikas Solanki
Marathwada Mitra Mandali's Polytechnic, Thergamon, Pune, S. No.4/17, Sector No.34, PONTDA, Off Kaleswari Road, Thergamon, Pune-District, Maharashtra-411033
- The Registrar/ Director/ Principal**
Marathwada Mitra Mandali's Polytechnic, Thergamon, Pune, S. No.4/17, Sector No.34, PONTDA, Off Kaleswari Road, Thergamon, Pune-District, Maharashtra-411033
- Guard File**

Yours sincerely,
Dr. Neeraj Saxena
Addl. Secy (IDC)

Utilization Certificate
for the financial year: 2022-24

Name of Institute with ID: Marathwada Mitra Mandali's Polytechnic (1-421166773)
Name of the Scheme under which Grant was sanctioned: Grant for Organizing Conference

AICTE Sanction Order No. & Date under which Grant was sanctioned	Amount Sanctioned (Rs.)	CERTIFICATE
No.67-19/IDC/GOC/POLICY-1/2020-21 Dated 25 th Feb.2021	Rs. 2,13,300/-	Certified that out of the grant-in-aid of Rs. 2,13,300/- there lacks thirteen thousand three hundred sanctioned by the AICTE during the financial year 2020-21 as per letter mentioned in the margin, Rs. 1,06,650/- on account of unspent balance of previous year = Rs. 8,200/- on account of interest, a sum of Rs.46,800/- has been utilized for the purpose for which it was sanctioned, and the balance of Rs. 68,700/- remained unutilized at the end of the year 2022-24
Rs.00 (for Non-recurring)		
Rs.00 (for recurring)		

Confirmed that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kind of checks mentioned

- Audited Annual Accounts of the Institute
- Receipt & Payment Account of the Institute
- Periodical Progress Report of the Institute

For **PRINCE RAWAS & ASSOCIATES CHARTERED ACCOUNTANTS**

Signature of Chartered Accountant: *[Signature]* Name: *[Name]*
Membership No. *[No.]* Designation: *[Designation]*
Date: *[Date]* (with seal)
Firm No. *[No.]* Place: *[Place]*
Reg. No. of office: *[No.]*

Signature of Head of the Institute: *[Signature]* Name: *[Name]*
Designation: *[Designation]*
Principal
Marathwada Mitra Mandali's Polytechnic
Thergamon, Pune - 411 033

Signature of the Finance Officer: *[Signature]* Name: *[Name]*
Designation: *[Designation]*
Full Address: *[Address]*
With seal
(Seal, AICTE stamp and signature of Finance Officer)

Place: *[Place]*
Date: *[Date]*

Marathwada Mitra Mandal's Polytechnic																																																																																																																																																																																																					
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| **Recurring & Non Recurring Programme Expenditure 2023-23** All Programs must submit the budget as per Circular. Following ledger heads will be distributed to all programs as per the students count. Expenditure distribution Ratio for AE, ME, CO, EE, MC, 13.95, 14.53, 14.53, 17.17, 14.29, 14.05 | Sl.No. | Category | Amount | Expenditure | Expenditure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |---|----------------------------|----------|-------------|-------------|----------|--------|-------------|-------------|--|--|--|--------|----------|---|-----------------------|--------|-------|--------|---|----------------------------|--------|------|--------|---|----------------|--------|------|--------|---|-------------------------|--------|-------|--------|---|--------------|--------|------|--------|---|-------------------------|--------|------|--------|---|------------------|--------|------|--------|---|-------------------------|--------|------|--------|---|-------------------------|--------|------|--------|----|-----------------------|--------|-------|--------|----|----------------|--------|-------|--------|----|-----------------------|--------|------|--------|----|----------------|-------|------|-------|----|-----------------------|--------|-------|-------|----|----------------|--------|-------|--------|----|-----------------------|--------|-------|--------|----|----------------|-------|-------|-------|----|-----------------------|--------|-------|--------|----|----------------|-------|-------|------|----------------------------|--|---------|--------|---------|------------|--|--|----|--|---------------------------------|--|----------|-----------|------------|------------|--|--|----|--| |
 | | | Budget | Utilized | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | Computer & Net | 438176 | 43000 | 395176 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | ICT/IT/ITC/ITM | 4761 | 500 | 4261 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3
 | Software & Tools | 533313 | 45000 | 488313 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | Library Expenses | 812384 | 35000 | 777384 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | Library Book | 87036 | 3000 | 84036 | | | | | | | | | | | | | | | | | | | | | | | | | |
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 | Library & Non Recurring | 16487 | 2000 | 14487 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | Library Expenses | 306465 | 12000 | 294465 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | Non Recurring Expenses | 188498 | 23000 | 165498 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 | | | | | | | | | | | | | | | | | | | Percentage | | | 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | <p>Recurring Expenses</p> <table border="1"> <thead> <tr> <th>Sl.No.</th> <th>Category</th> <th>Amount</th> <th>Expenditure</th> <th>Expenditure</th> </tr> <tr> <th></th> <th></th> <th></th> <th>Budget</th> <th>Utilized</th> </tr> </thead> <tr> <td>1</td> <td>Salaries & Honorarium</td> <td>544792</td> <td>40000</td> <td>504792</td> </tr> <tr> <td>2</td> <td>Staff Exp. (Contract/Temp)</td> <td>222480</td> <td>4000</td> <td>218480</td> </tr> <tr> <td>3</td> <td>Staff Expenses</td> <td>131137</td> <td>4000</td> <td>127137</td> </tr> <tr> <td>4</td> <td>Library & Non Recurring</td> <td>893145</td> <td>35000</td> <td>858145</td> </tr> <tr> <td>5</td> <td>Library Book</td> <td>243062</td> <td>3000</td> <td>240062</td> </tr> <tr> <td>6</td> <td>Library & Non Recurring</td> <td>240775</td> <td>3000</td> <td>237775</td> </tr> <tr> <td>7</td> <td>Library Expenses</td> <td>246796</td> <td>3000</td> <td>243796</td> </tr> <tr> <td>8</td> <td>Library & Non Recurring</td> <td>184794</td> <td>4000</td> <td>180794</td> </tr> <tr> <td>9</td> <td>Staff Salaries/Contract</td> <td>131137</td> <td>3000</td> <td>128137</td> </tr> <tr> <td>10</td> <td>Salaries & Honorarium</td> <td>561548</td> <td>13000</td> <td>548548</td> </tr> <tr> <td>11</td> <td>Staff Expenses</td> <td>131137</td> <td>13000</td> <td>118137</td> </tr> <tr> <td>12</td> <td>Salaries & Honorarium</td> <td>134142</td> <td>4000</td> <td>130142</td> </tr> <tr> <td>13</td> <td>Staff Expenses</td> <td>23842</td> <td>3000</td> <td>20842</td> </tr> <tr> <td>14</td> <td>Salaries & Honorarium</td> <td>100000</td> <td>11000</td> <td>89000</td> </tr> <tr> <td>15</td> <td>Staff Expenses</td> <td>131137</td> <td>11000</td> <td>120137</td> </tr> <tr> <td>16</td> <td>Salaries & Honorarium</td> <td>134142</td> <td>11000</td> <td>123142</td> </tr> <tr> <td>17</td> <td>Staff Expenses</td> <td>23842</td> <td>11000</td> <td>12842</td> </tr> <tr> <td>18</td> <td>Salaries & Honorarium</td> <td>488889</td> <td>20000</td> <td>468889</td> </tr> <tr> <td>19</td> <td>Staff Expenses</td> <td>23842</td> <td>20000</td> <td>3842</td> </tr> <tr> <td colspan="2">Total - Recurring Expenses</td> <td>4321220</td> <td>483000</td> <td>3838220</td> </tr> <tr> <td colspan="2">Percentage</td> <td></td> <td>88</td> <td></td> </tr> <tr> <td colspan="2">Total Recurring + Non Recurring</td> <td>13827822</td> <td>2,143,000</td> <td>11,684,822</td> </tr> <tr> <td colspan="2">Percentage</td> <td></td> <td>96</td> <td></td> </tr> </table> | | | | Sl.No. | Category | Amount | Expenditure | Expenditure | | | | Budget | Utilized | 1 | Salaries & Honorarium | 544792 | 40000 | 504792 | 2 | Staff Exp. (Contract/Temp) | 222480 | 4000 | 218480 | 3 | Staff Expenses | 131137 | 4000 | 127137 | 4 | Library & Non Recurring | 893145 | 35000 | 858145 | 5 | Library Book | 243062 | 3000 | 240062 | 6 | Library & Non Recurring | 240775 | 3000 | 237775 | 7 | Library Expenses | 246796 | 3000 | 243796 | 8 | Library & Non Recurring | 184794 | 4000 | 180794 | 9 | Staff Salaries/Contract | 131137 | 3000 | 128137 | 10 | Salaries & Honorarium | 561548 | 13000 | 548548 | 11 | Staff Expenses | 131137 | 13000 | 118137 | 12 | Salaries & Honorarium | 134142 | 4000 | 130142 | 13 | Staff Expenses | 23842 | 3000 | 20842 | 14 | Salaries & Honorarium | 100000 | 11000 | 89000 | 15 | Staff Expenses | 131137 | 11000 | 120137 | 16 | Salaries & Honorarium | 134142 | 11000 | 123142 | 17 | Staff Expenses | 23842 | 11000 | 12842 | 18 | Salaries & Honorarium | 488889 | 20000 | 468889 | 19 | Staff Expenses | 23842 | 20000 | 3842 | Total - Recurring Expenses | | 4321220 | 483000 | 3838220 | Percentage | | | 88 | | Total Recurring + Non Recurring | | 13827822 | 2,143,000 | 11,684,822 | Percentage | | | 96 | | | Sl.No.
 | Category | Amount | Expenditure | Expenditure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Budget | Utilized | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | Salaries & Honorarium | 544792 | 40000 | 504792 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2
 | Staff Exp. (Contract/Temp) | 222480 | 4000 | 218480 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | Staff Expenses | 131137 | 4000 | 127137 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | Library & Non Recurring | 893145 | 35000 | 858145 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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 | Library Expenses | 246796 | 3000 | 243796 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | Library & Non Recurring | 184794 | 4000 | 180794 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | Staff Salaries/Contract | 131137 | 3000 | 128137 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 | | | | 10 | Salaries & Honorarium | 561548 | 13000 | 548548 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | Staff Expenses | 131137 | 13000 | 118137 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12
 | Salaries & Honorarium | 134142 | 4000 | 130142 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | Staff Expenses | 23842 | 3000 | 20842 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | Salaries & Honorarium | 100000 | 11000 | 89000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15
 | Staff Expenses | 131137 | 11000 | 120137 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | Salaries & Honorarium | 134142 | 11000 | 123142 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | Staff Expenses | 23842 | 11000 | 12842 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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 | | 4321220 | 483000 | 3838220 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Percentage | | | 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total Recurring + Non Recurring | | 13827822 | 2,143,000 | 11,684,822 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Percentage
 | | | 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Table 1 :: CFY 2025-26

Total Budget	2448000	Actual expenditure (till...):	2088821
Non Recurring		Non Recurring	
1138000	825000	1159973	928848

Table 2 :: CFYm1 2024-25

Total Budget	2550000	Actual expenditure (till...):	2407321
Non Recurring		Non Recurring	
1725000	825000	1553514	853807

Table 3 :: CFYm2 2023-24

Total Budget	2781000	Actual expenditure (till...):	2715545
Non Recurring		Non Recurring	
2230000	551000	1895715	819830

Table 4 :: CFYm3 2022-23

Total Budget	2163000	Actual expenditure (till...):	2259073
Non Recurring		Non Recurring	
1480000	683000	1571594	687479

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.
 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

Electrical 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)	1480000	1571594	2230000	1895715	1725000	1553514	1318000	1,159,973
Percentage	106		85		90		88	
Recurring Expenses (B)	683000	687479	551000	819830	825000	853807	1130000	928848
Percentage	101		149		103		82	
Total Expenses (A + B)	2163000	2259073	2781000	2715545	2550000	2407322	2448000	2088821
Percentage	104		98		94		85	



Handwritten signature and stamp of the Principal, Marathwada Mitra Mandal's Polytechnic, Thergaon, Pune.

9.3.2 Utilization of allocated funds (3)

Institute Marks

3.00



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.Bhauasheb G.Jadhav
PresidentDr. Madhavrao V. Suryawanshi
Exe.PresidentShri.Kishor H.Mungale
Secretary

Electrical 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)	1480000	1571594	2230000	1895715	1725000	1553514	1318000	1,159,973
Percentage	106		85		90		88	
Recurring Expenses (B)	683000	687479	551000	819830	825000	853807	1130000	928848
Percentage	101		149		103		82	
Total Expenses (A + B)	2163000	2259073	2781000	2715545	2550000	2407322	2448000	2088821
Percentage	104		98		94		85	



PRINCIPAL
Marathwada Mitra Mandala
POLYTECHNIC
Thergaon, Pune - 411 033

Purchase Procedure

- Submission of Requirement**
 - The process starts with the submission of a purchase requirement from the concerned department.
- Preparation of Specifications**
 - If the estimated purchase expense exceeds ₹5000, detailed specifications are prepared as per the departmental requirement.
- Invitation of Quotations**
 - A minimum of three quotations are invited from different vendors based on the prepared specifications.
- 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
- 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.
- 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.
- Issue of Purchase Order**
 - After final approval, a Purchase Order (PO) is issued to the selected vendor.
- Completion of Purchase Process**
 - The vendor supplies the required material/equipment as per the Purchase Order and approved specifications.

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 Secrite Endpoint Security

9.5 Institutional Contribution to the Community Development (5)	Total Marks 5.00
	Institute Marks
	5.00

In 2025-26, Marathwada Mirramandal 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 निर्धाम देणगीचा धनादेश मुख्यमंत्री देवेंद्र फडणवीस यांच्याकडे सुपूर्त करण्यात आला.

Marathwada Mitra Mandal's Polytechnic
Sr. No. 417, Thergaon (Pimpri-Chinchwad), Pune-411 033.
 Automobile Engineering | Computer Engineering | Electrical Engineering | Mechanical 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 ACTIVITY:- 2025 - 2026			
1	International Women's Day Celebration NSS activity of Marathwada Mitra Mandal's Polytechnic in collaboration with Sadguru Seva Pratisthan Pune on 02 nd 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 26 th 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 Matthi Mela" Program of Marathwada Mitra Mandal's Polytechnic.	11/01/2026 12/01/2026	Y
5	NSS Volunteering activity Pune Grand Year Cyclathon 2K26 with Pune Police NSS Volunteers of Marathwada Mitra Mandal's Polytechnic.	23/01/2026	Y
6	Guest Lecture on "एक पिढीने सत्य असते तेव्हा, सर्वांना विवेक असतो त्याच" - 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-5 th June	05/06/2025	Y

N.S.S. Program Officer
 Marathwada Mitra Mandal's Polytechnic, Thergaon, Pune.

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

Marathwada Mitra Mandal's Polytechnic
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NSS ACTIVITY DETAILS INDEX

Sr. No	NSS Activity	Date	Report Y/N
NSS ACTIVITY:- 2024 - 2025			
1	Health check-up & Blood Donation Camp session with Ghoshli 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	Pune, Purple Jalosh- Dhiyang 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 Kalewad Police Station	07/01/2025	Y
NSS ACTIVITY:- 2023 - 2024			
7	NSS Volunteers' activity at Marathwada Mitra Mandal's Polytechnic, Thergaon, in Collaboration with Pune Election Officer & Team	14/11/2024	Y
8	NSS Volunteers' activity of Marathwada Mitra Mandal's Polytechnic as Police Mitra in Collaboration with Kalewad Police Station on 19 th & 20 th November 24.	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 ACTIVITY:- 2022- 2023			
13	Cleanliness drive, Clean City, Smart city Marathon on 25 th 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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<p>Report on NSS activity of Marathwada Mitra Mandal's Polytechnic in Collaboration with Pcmc smart city, clean city department: Purple Jalash 2025(Divyang Mahotsav), a three-day event aimed at empowerment for differently-abled individuals.</p>		

Date: 17/03/2025

Submitted:

Subject: Report on NSS Activity of Marathwada Mitra Mandal's Polytechnic in Collaboration with Pcmc smart city, clean city department: Purple Jalash 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 Jalash 2025, Divyang Mahotsav:

Purple Jalash 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.



[Signature]
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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. Raut, 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 Backlog:** 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 Shashir Singh:** The PCMC Commissioner Shashir 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** main 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. Chougare, Head of the Department of General Science and Humanities, was integral in ensuring the students' involvement in the event.

Conclusion: Purple Jalash 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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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 Shriyug Narve:** M.A. Shriyug Narve also attended the event, expressing his support for initiatives that empower disabled individuals.
 - **Padmasree Murlikant Patkar:** The presence of Padmasree Murlikant Patkar, 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, Staffs.**

Special Acknowledgments: The event was made possible thanks to the permission and support of:

- **Principal Mrs. G.S. Joshi** man 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, Diyyang 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.
- **Diyyang 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** man and **Mr. S.P. Ghogare HOD** for their constant support and guidance.



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Report on NSS Volunteering activity *Pune Grand Tour Cyclothon 2K26* with Peme Police NSS Volunteers of Marathwada Mitra Mandal's Polytechnic

Date: 24/01/2026

Submitted:

Subject: Report on NSS Volunteering activity *Pune Grand Tour Cyclothon 2K26* with Peme 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.



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Report on NSS Volunteering activity *Pune Grand Tour Cyclothon 2K26* with Peme 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]



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	MARATHWADA MITRA MANDAL'S POLYTECHNIC, PIMPRI CHINCHWAD, PUNE-33	
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Report on NSS Volunteering activity *Pune Grand Tour Cyclothon 2K26* with Peme Police NSS Volunteers of Marathwada Mitra Mandal's Polytechnic



9.6 Alumni Performance and Connect (10)	Total Marks 10.00
	Institute Marks
	10.00

Alumni Performance and Connect

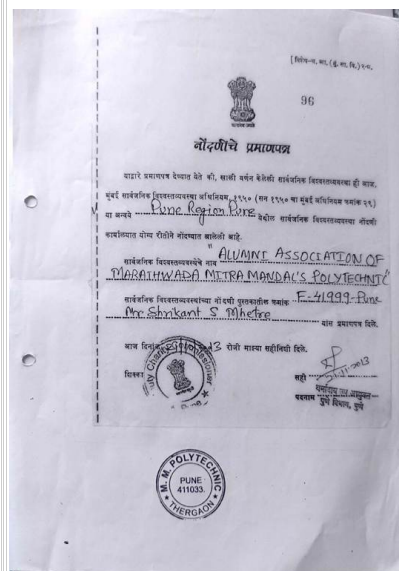
The Alumni association of Marathwada Mitra Mandal's Polytechnic has been established and all the alumni students are the members of it by paying Rs 500/- as lifetime membership fees. It helps to develop the institution and to encourage the students to be successful in their respective field.

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.

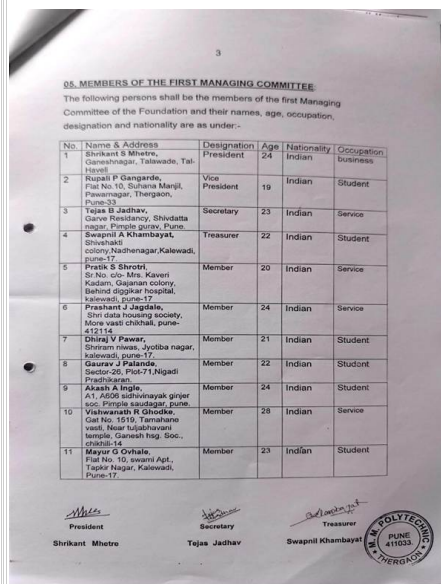
Alumni Details:

No. of Alumni Registered Till Date : 1815

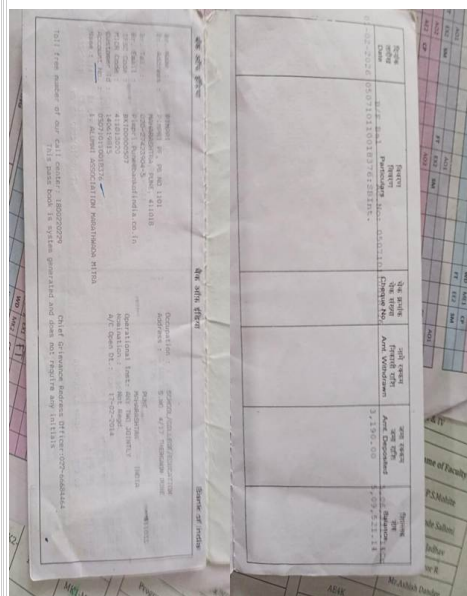
Alumni Association registration details



Members of the first alumni association

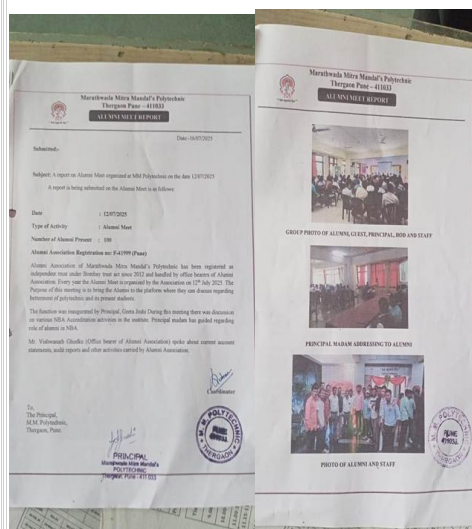


Bank details of Alumni Association



Engagement Activities

- Guest lectures, webinars, and industry talks by alumni





2. Multi-Channel Communication & Social Media Integration (WhatsApp Framework)

To ensure real-time, highly responsive, and democratic communication, the department has structured a layered social media integration strategy:

- **Dedicated Batch-Wise WhatsApp Groups:** Every graduating batch is transitioned into a dedicated, official WhatsApp group moderated by the Department Alumni Coordinator and Student Representatives.
- **Central Alumni Network Group:** A consolidated broad-spectrum group is maintained to disseminate institutional updates, job opportunities, and collaborative initiatives.
- **Operational Impact of WhatsApp & Social Media Connect:**
 - **Immediacy:** Instant dissemination of placement drives, internship requirements, and industry trends.
 - **High Engagement:** Bypasses the delays of traditional email communication, yielding a 90%+ active response rate.
 - **Continuous Feedback Loop:** Facilitates instant crowdsourcing of informal feedback on industry trends, which is channeled to the Department Advisory Board (DAB).

3. Alumni Profiling: Diverse Professional Footprint

Our alumni have registered a prominent presence across diverse career pathways, reflecting the versatility of the programs outcomes (SPOs and SPSOs). They are categorized across three main pillars:

A. Higher Education & Research

A significant percentage of our graduates pursue advanced studies in premier national and international universities.

- **Impact on Department:** Alumni pursuing research (M.S.S., SPh.D.S, SPost-DocS) assist current students with academic writing, research methodologies, and guidance for entrance examinations (GATE, GRE, CAT).

B. Corporate & Diverse Private Industries

Alumni are actively employed in multi-tiered industries, including IT/ITeS, core engineering sectors, manufacturing, and financial services.

- **Impact on Department:** They actively drive corporate referrals, conduct mock interviews, offer industry-sponsored projects, and contribute to the attainment of professional competency standards.

C. Government & Public Sector Undertakings (PSUs)

Our graduates serve in various administrative, technical, and defense wings of the government (such as state services, central civil services, and nationalized banks).

- **Impact on Department:** These alumni provide specialized counseling sessions for government competitive exams and guide students on public policy, governance, and ethical practices.

4. Implementation and Impact Assessment Table

The structured framework through which our alumni interact with and enrich the department is outlined below:

Sr. No.	Channel / Forum	Frequency	Key Agenda & Target Outcomes	Key Highlights & Alumni Representation
1	WhatsApp & LinkedIn Groups	Continuous / Daily	Instant job referrals, mentoring requests, sharing industry-specific developments.	Managed by Faculty Coordinator; links over 95% of active alumni.
2	Alumni Lecture Series	Twice a Semester	Expert sessions on emerging technologies, career planning, and corporate expectations.	Delivered by senior alumni from private tech giants and consulting firms.
3	Syllabus & Curriculum Feedback	Annually	Collecting curriculum gap analysis reports to present during Board of Studies (BoS) meetings.	Joint participation of alumni from private industries and higher education institutes.
4	Government Career Mentorship	Periodically	Specialized guidance sessions on civil services and PSU preparation strategies.	Led by alumni serving in government departments and defense services.

Annexure I (A) PROGRAM OUTCOME (POs)	
<p>1. Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.</p> <p>2. Problem analysis: Identify and analyse well-defined engineering problems using codified standard methods.</p> <p>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.</p> <p>4. Engineering Tools, Experimentation and Testing:Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.</p> <p>5. Engineering practices for society, sustainability and environment:Apply appropriate technology in context of society, sustainability, environment and ethical practices.</p> <p>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.</p> <p>7. Life-long learning:Ability to analyse individual needs and engage in updating in the context of technological changes.</p>	
(B) PROGRAM SPECIFIC OUTCOME (PSOs)	
PSO1	Electrical Equipment: Maintain various types of rotating and static electrical equipment.
PSO2	Electric Power Systems: Maintain different types of electrical power systems

Declaration

The head of the institution needs to make a declaration as per the format given -

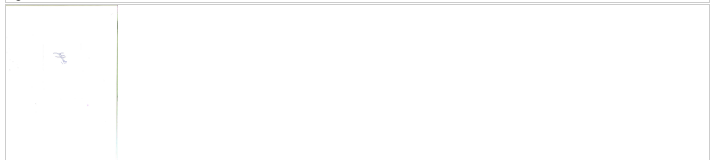
- I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines in force as on date and the institutes shall fully abide by them.
- It is submitted that information provided in this Self Assessment Report is factually correct.
- I understand and agree that an appropriate disciplinary action against the Institute will be 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

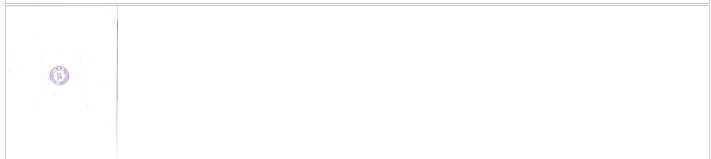
Name : Geeta Shantamu Joshi

Designation : Principal

Signature :



Seal of The Institution :



Place : Pune

Date : 23-05-2026 14:37:35