



Government of Maharashtra
GOVERNMENT POLYTECHNIC, MIRAJ

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GPMR/ME/Feedback /2025-26/Stake holder/PO-PSO/196

Date:02/07/2026

Department of Mechanical Engineering

Appeal for Stakeholder Feedback on Program Outcomes (POs) and Program Specific Outcomes (PSOs)

(For NBA Accreditation Process)

Dear Industrialist / Employer / Parent / Alumni / Esteemed Stakeholder,

Greetings from the Department of Mechanical Engineering, Government Polytechnic, Miraj.

The **National Board of Accreditation (NBA)** is the apex professional accreditation body in India responsible for assessing and accrediting Technical Education Programs. As a part of the NBA accreditation process, every accredited program is required to continuously evaluate and improve its educational quality by collecting feedback from its stakeholders.

The Department of Mechanical Engineering is conducting a survey to assess the attainment of **Program Outcomes (POs)** and **Program Specific Outcomes (PSOs)** of the Diploma in Mechanical Engineering Program. Your valuable opinion, based on your interaction with our students and diploma holders, will help us evaluate the effectiveness of our curriculum and identify areas for continuous improvement.

We sincerely request you to spare a few minutes to provide your valuable feedback by rating each outcome on the following five-point scale.

Rating Scale

Rating	Description
5	Excellent
4	Very Good
3	Good
2	Poor
1	Very Poor

Program Outcomes (POs)

(Program Outcomes describe what a Diploma Mechanical Engineering student is expected to know and be able to perform upon successful completion of the Diploma Programme.)

PO1: Basic and Discipline Specific Knowledge

Apply the knowledge of basic mathematics, science, engineering fundamentals, and Mechanical Engineering specialization to solve well-defined engineering problems.

PO2: Problem Analysis

Identify and analyze well-defined Mechanical Engineering problems using codified standard methods and engineering principles.

PO3: Design / Development of Solutions

Design solutions for well-defined technical problems and assist in the design of systems, components, or processes to meet specified needs.

PO4: Engineering Tools, Experimentation and Testing

Apply modern engineering tools, software, equipment, and appropriate techniques to conduct standard tests, measurements, experimentation, and engineering analysis.

PO5: Engineering Practices for Society, Sustainability and Environment

Apply appropriate engineering practices considering societal needs, environmental protection, sustainability, safety, and professional ethics.

PO6: Project Management

Use engineering and management principles individually or as a team member/leader to plan, execute, manage projects, and communicate effectively.

PO7: Life-long Learning

Recognize the need for continuous learning and engage in updating technical knowledge and professional skills to meet changing technological requirements.

Program Specific Outcomes (PSOs)

(Program Specific Outcomes describe what a Diploma Mechanical Engineering graduate is expected to perform in Mechanical Engineering industries.)

PSO1: Modern Software Usage

Use modern Mechanical Engineering software for design, drafting, manufacturing, maintenance, analysis, and documentation of mechanical components and processes.

PSO2: Equipment and Instruments

Operate, maintain, troubleshoot, and calibrate Mechanical Engineering equipment, machines, and measuring instruments following standard industrial practices.

PSO3: Mechanical Engineering Processes

Plan, manage, monitor, and optimize Mechanical Engineering manufacturing and maintenance processes by selecting suitable equipment, quality control techniques, materials, and operational parameters.

Request for Your Valuable Feedback

Kindly evaluate the above **Program Outcomes (POs)** and **Program Specific Outcomes (PSOs)** by assigning a rating from **1 to 5** based on your observations and experience with our students/graduates.

Your valuable suggestions and feedback will greatly help the Department in enhancing the quality of technical education and strengthening the employability, professional competence, and overall development of our students.

We sincerely appreciate your time, support, and valuable contribution towards the continuous improvement of our Diploma Programme and the successful NBA accreditation process. Sharing a Link of Google form for feedback as follows

Alumni Parent Industry Feedback Link

<https://forms.gle/zgUSGw1nmzgsMVtK9>

Thank you for your valuable participation and continued support.

With Regards,



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