PERI
INSTITUTE OF TECHNOLOGY
(AUTONOMOUS)
Mannivakkam, Chennai – 600 048
(Approved by AICTE, Affiliated to Anna University & Accredited by NAAC)

DEPARTMENT OF MECHANICAL ENGINEERING

Minutes of the 3rd Board of Studies Meeting

The 3rd Board of Studies (BoS) meeting of the Department of Mechanical Engineering was conducted on **28/04/2026** at BETA Conference Hall at 2.30 pm (IST). The following members were present,

S.No	Name of the Faculty	Designation
1.	**Dr. Mohamed Abbas S,** Head & Professor, Department of Mechanical Engineering, PERI Institute of Technology.	**Chairman**
2.	**Dr. M. Thirumal Azhagan,** Associate Professor, Department of Production Technology, Anna University, Chennai - 600 044. Phone: 9962593286 Email: thirumalazhaganm@mitindia.edu,	University Representative
3.	**Dr. S. Saravana Perumaal** Associate Professor, Department of Mechanical Engineering, National Institute of Technical Teachers Training and Research, Taramani, Chennai- 600 113 Email: saravanaperumaal@nitttrc.edu.in	External Subject Expert-Online
4.	**Dr. M. Cheralathan** Professor & Chairperson, SRMIT, Katankulathur, chennai. Email: cheralam@srmist.edu.in	External Subject Expert
5.	**Er. Anil Babu B,** Managing Director, KFB Acoustics, India Email: anilbabu.seelam@gmail.com	External Subject Expert
6.	**Mr. A M Bharani Dharan** Assistant Manager, Learning Links Foundation, Chennai.	Alumnus

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7.	Mr. Anil Kumar, Assistant Professor	Internal Subject Expert
8.	Dr. M. Rajagopal, Professor	Internal Subject Expert
9.	Dr. V. Abhilash, Assistant Professor	Internal Subject Expert
10.	Mr. Dhilip Kumar, Assistant Professor	Internal Subject Expert
11.	All faculty Members	Internal Subject Expert

Minutes Agenda:

1. **Introduction and Welcome:** The Chairperson welcomed the members and introduced the agenda.
2. **Review of Current Curriculum:** The HOD presented an overview of the current curriculum. Members discussed the strengths and weaknesses.
3. **Proposed Changes to Curriculum**: The HOD presented proposed changes. Members discussed and provided feedback.
4. **Discussion on Industry-Academia Collaboration:** Members discussed ways to enhance industry-academia collaboration.
5. **Any Other Business:** No other business was discussed.

Minutes:

Dr. Mohamed Abbas S, Chairman of the Board of Studies (BOS), commenced the meeting by warmly welcoming and providing an overview of the Department of Mechanical Engineering. He also took the opportunity to introduce the external members to the internal members. The Chairman then presented the following agenda to guide the discussions and deliberations of the members. The meeting's proceedings and outcomes are summarized below and aligned with the agenda items that were circulated prior to the meeting.

The Board of Studies (BoS) members have reviewed the syllabus for the following courses and provided their comments and suggestions, which are detailed below.

The Mechanical Engineering HOD, **Dr. Mohamed Abbas S**, presented the BOS courses.

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Introduction of Courses:

The courses were presented by the Mechanical Engineering HOD, and the subjects for the 5th and 6th semesters were introduced by him.

The primary objective was:

- Confirmation of core Course.
- Finalization of elective Course.

General and Curriculum Comments:-

1. In **Metrology and Measurement (6th Semester),** the measurement of **screw threads** using two-wire and three-wire methods was proposed to be added in **Unit 3**, and laser metrology, machine vision, computed tomography, nano measurements, and 3D measurements were proposed to be included in **Unit 6 (Annexure III).**
2. In Automobile Engineering, **hydrogen engines** were proposed to be included in **Unit 2**, while **electric vehicles and fuel cells** were proposed to be included in **Unit 6 (Annexure IV).**
3. In Mechanical, Electrical, and Plumbing (MEP), **layout drawing** concepts were proposed to be added, and topics on **reading and drawing layouts** were proposed to be included in Unit I**(Annexure V).**
4. In Thermal and Heat & Mass Transfer (HMT), **thermal management systems** were proposed to be included in **Unit 2 (Annexure VI).**

Resolutions in Meeting:

- **Agenda 1:** To discuss and finalize the course structures of V & VI Semseter, B.E of R-24 (Autonomous) Regulations.
- **Resolutions:** The course Structure of the B.E programme of R-24 (Autonomous) Regulations is approved with minor modifications by BoS.

Based on the suggestions given by the members, the Chairman of BOS said that those fruitful suggestions would be incorporated appropriately into the curriculum and syllabi.

BOS resolved to recommend the following to the Academic Council for further approval.

a) Courses Curriculum for core courses of B.E. Mechanical Engineering Programme as enclosed in **Annexure- 1.**

b) List of Professional and Open Elective Courses in the B.E. Mechanical Engineering Programme as enclosed in **(Annexure II).**

The meeting then concluded with a vote of thanks by Mr. Anil Kumar, Assistant Professor/Mech.

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