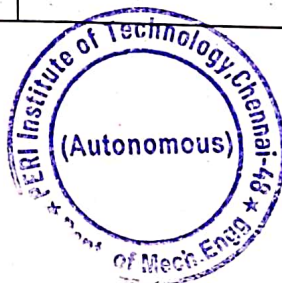


DEPARTMENT OF MECHANICAL ENGINEERING

Minutes of the 2nd Board of Studies Meeting

The 2nd Board of Studies (BoS) meeting of the Department of Mechanical Engineering was conducted on **25/02/2025** at BETA Conference Hall at 11.00 am (IST). The following members were present,

S.No	Name of the Faculty	Designation
1.	Dr. N. Tamiloli, 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 & Head SRMIT, Katankulathur, Chennai. Email: cheralam@srmist.edu.in	External Subject Expert
5.	Mr. U.P Praburaj, Principal Member (R&D) Tractors and Form Equipments Limited, Chennai. Email: praburajuttrapandian@gmail.com	External Subject Expert
6.	Mr. T. Uma Shankar Senior Engineer, Saipem India Projects Private Limited, Perungudi, Chennai. Email: umashankartaravind@gmail.com	Alumnus



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

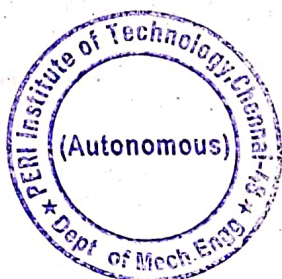
Minutes Agenda:

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. N. Tamiloli, 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.



General and Curriculum Comments:-

1. The Board of Studies (BOS) members suggested separating the **Manufacturing Process** into two parts, namely Manufacturing Technology I and Manufacturing Technology II. (Annexure I / Page no 2)

✓ **Manufacturing Technology I:** Metal casting, Forming, Joining process. (Annexure II/ Page no 22)

✓ **Manufacturing Technology II:** Machining process (Annexure III/ Page no 33)

2. The members suggested changing the title from 'Kinetics of Mechanics' to 'Kinematics of Mechanics. (Annexure IV)

3. The members suggested incorporating manufacturing basics, including machines, tools, and workshop technology, into the theoretical component before introducing them in the laboratory component. (Annexure II & III/ Page no 22, 33)

4. The members recommended changing the name of the **Solidworks Lab into CAD Lab.** (Annexure V/ Page no 25)

5. The members suggested renaming **SOM** as **Strength of Materials for Mechanical Engineering.** (Annexure VI/ Page no 30)

6. The member recommended a **reduction in overall credits** and the integration of certain subjects, including **SOM, FM, and KOM**, into combined lab courses. (Annexure I/ Page no 4)

7. The members proposed **rebranding the Life Skills** subject as '**Life Skills: English Reading, Personality Development, and Aptitude**' to better reflect its content. (Annexure VII/ Page no 17 & VIII/ Page no 38)

8. The BOS members reviewed and confirmed the **relevance of the applications** to the subject.

9. The BOS members recommended maintaining consistency and continuity in the selection of **units** for a few subjects.

10. The BOS members suggested **course outcomes for certain subjects**, including the sequence of content, expected learning outcomes, and evaluation methods.

11. The members suggested that **company names** should be removed from the sixth unit.



12. The Board of Studies members suggested **topic-based allocation of hours for certain subjects.**

13. It is recommended that references be updated to reflect **recent publications.**

14. To ensure proper alignment, the Board of Studies members suggested **revising the CO-PO mapping for a few subjects.**

15. The members suggested **standardizing the internship credits** for the 7th and 8th semester programs.

Resolutions in Meeting:

➤ **Agenda 1:** To discuss and finalize the course structures of I, II, III, IV, V, VI, VII and VIII 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.

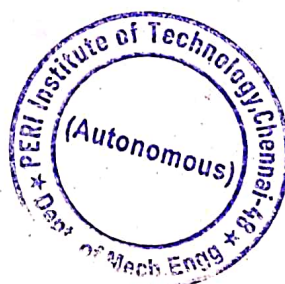
Based on the suggestions given by the members, the Chairman of BOS said that those fruitful suggestions would be incorporated appropriately into the curriculum and syllabi.

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

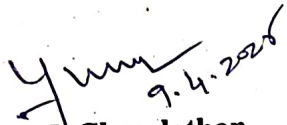
a) Courses Curriculum for core courses of B.E. Mechanical Engineering Programme as enclosed in **Annexure- 1.**

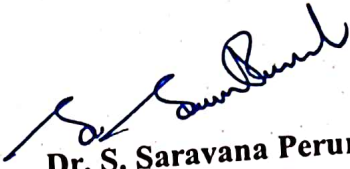
b) List of Professional and Open Elective Courses in the B.E. Mechanical Engineering Programme as enclosed in (**Annexure –IX**).

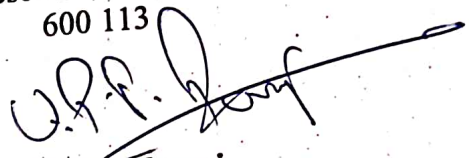
The meeting then concluded with a vote of thanks by Mr. Anil Kumar, Assistant Professor/Mech.

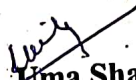



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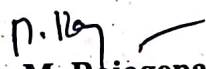

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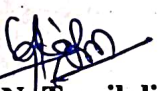

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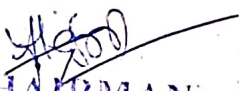

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