



**DEPARTMENT OF MECHANICAL ENGINEERING**

**Board of Studies Meeting (UG, PG & PhD) Minutes**

The 9th Board of Studies meeting of the Department of Mechanical Engineering was held on Friday, 27th March 2025, at 2:30 PM in the boardroom of Sri Manakula Vinayagar Engineering College, with the Head of the Department as the Chair.

**The following members were present for the BoS meeting:**

Sl. No	Name of the Member with Designation and official Address	Responsibility in the BoS
1	Dr.G.G.Sozhamannan Professor & Head Department of Mechanical Engineering Sri Manakula Vinayagar Engineering College	Chairman
<b>External Members</b>		
2	Dr. R.Jeyapaul, Ph.D Professor Department of Production Engineering National Institute of Technology Tiruchirappalli, Tamil Nadu – 620015 Email id: jeyapaul@nitt.edu Mobile No.:9444290049	University Nominee
3	Dr. N. Alagumurthi, Ph.D, Professor Department of Mechanical Engineering, Pondicherry Technological University, Puducherry-605014. Email id: alagumurthi@pec.edu Mobile No.: 9486143090	Academic Expert
4	Dr. Ramesh Kumar K.,Ph.D Professor Department of Mechanical Engineering, School of Engineering, Amrita Vishwa Vidyapeetham Coimbatore - 641 112 Email id: k_rameshkumar@cb.amrita.edu Mobile No.:9994466457	Academic Expert
<b>Internal Members</b>		
5	Dr. A.A. Arivalagar, Professor & Dean Academic Specialization: Thermal	Member
6	Dr. K.Velmurugan, Professor & Dean Research Specialization: Thermal	Member

7	Dr. A.G.Ganesh Kumar, M.E., Ph.D., Professor Specialization: Manufacturing	Member
8	Dr. A.Thiagarajan, Associate Professor Specialization: PDM	Member
9	Dr. K.Hemalatha, Associate Professor Specialization: Composites	Member
10	Dr. R.Ravisankar, Associate Professor Specialization: Thermal	Member
11	Dr. T.Coumaressin, Associate Professor Specialization: Energy	Member
12	Dr. S.Jayabharathy, Associate Professor Specialization: Energy	Member
13	Dr. M.Elangovan, Associate Professor Specialization: Design	Member
14	Dr. L.Martin, Associate Professor Specialization: Design	Member
15	Dr. D.Karunakaran, Associate Professor Specialization: Engineering Design	Member
16	Dr. E.Manikandan, Associate Professor Specialization: Thermal	Member
17	Mr. A.Jeyachandran, Associate Professor Specialization: Manufacturing	Member
18	Dr. P.Jayakumar, Associate Professor Specialization: Design	Member
19	Mr. A Giriprasath, Assistant Professor Specialization: Product Design and Manufacturing	Member
20	Mr. M.Gunasekar, Assistant Professor Specialization: Design	Member
21	Mr. R.Hemanthkumar , Assistant Professor Specialization: Design	Member
22	Mr. K.Navanitha Krishnan, Assistant Professor Specialization: Product Design and Manufacturing	Member
23	Mr. M.Santhosh Kumar, Assistant Professor Specialization: Thermal	Member
24	Mr. G.Harish, Assistant Professor Specialization: Product Design and Manufacturing	Member
25	Mr. N.Prakash Kumar, Assistant Professor Specialization: Thermal	Member
26	Dr. B.Kanimozhi, Professor, Dept. of Mathematics	Member
27	Prof. K.Oudayakumar, Associate Professor Department of Physics	Member

28	Dr.K.Karthikeyan, Associate Professor, Department of Chemistry	Member
29	Dr.D.Jaichitra, Professor, Department of English	Member
<b>Co-opted Members</b>		
30	Dr.A.Dhanasekaran, M.Des., Ph.D Assistant General Manager Ashok Leyland Technical Center , Chennai Email id:dhana80@yahoo.com Mobile No.9444290914	Industrial Member
<b>Alumni</b>		
31	S Vigneshwar, MBA., M.Tech Senior Engineering Professional Bosch Power Tools Limited, Chennai Email id: s.vigneshwar@in.boch.com Mobile No.:9944368992	Alumni Member

### AGENDA OF THE MEETING

#### B.Tech Program:

<b>Item No. : BOS / 2025/MECH/UG /9.1</b>	
	Confirmation of minutes 8 <sup>th</sup> BOS meeting held on 20 <sup>th</sup> September 2025, Friday & 11.45 AM
<b>Item No. : BOS / 2025/MECH/UG /9.2</b>	
	Consideration of the 2023 Regulations for students entering in the academic year 2025–26
<b>Item No. : BOS / 2025/MECH/UG /9.3</b>	
	To review and approve the syllabus for semester VII and VIII under regulations R-2023 for the B.Tech Mechanical Engineering curriculum and syllabus
<b>Item No. : BOS / 2025/MECH/UG /9.4</b>	
	To approve the professional and open Electives for the B.Tech. Mechanical Engineering programme for semesters VII and VIII under Regulations 2023.
<b>Item No. : BOS / 2025/MECH/UG /9.5</b>	
	Review of the academic calendar for the even semester of the AY 2025 - 25, quality assessment of UG question papers, and analysis of results for previous semester examinations.
<b>Item No. : BOS / 2025/MECH/UG /9.6</b>	
	To review various professional bodies, club activities, ability enhancement courses (AEC), and department committees for monitoring academic activities.
<b>Item No. : BOS / 2025/MECH/UG /9.7</b>	
	To approve the list of students enrolled for Honors / Minor degree programme, its curriculum and regulations
<b>Item No. : BOS / 2025/MECH/UG /9.8</b>	
	Discussion of any other matters with the permission of the Chair.

## M.Tech & Ph.D Program

<b>Item No. : BOS / 2025/MECH/PG /9.1</b>	
	Confirmation of the minutes of previous meeting for PG and Ph.D. programs.
<b>Item No. : BOS / 2025/MECH/PG /9.2</b>	
	Review of the curriculum and syllabus for the M.Tech. Manufacturing Engineering program under Regulations 2023.
<b>Item No. : BOS / 2025/MECH/PG /9.3</b>	
	To approve the electives for the M.Tech. Manufacturing Engineering programme under Regulations 2023.
<b>Item No. : BOS / 2025/MECH/ PG /9.4</b>	
	To approve the NPTEL, MOOC, mandatory courses, internships, and projects under Regulations 2023.
<b>Item No. : BOS / 2025/MECH/ Ph.D /9.5</b>	
	Review the research program (Ph.D.), the number of research scholars registered in the department, and the status of research work carried out by the scholars.
<b>Item No. : BOS / 2025/MECH/ PG &amp; Ph.D /9.6</b>	
	Discussion of any other matters with the permission of the Chair

## UG, PG and Ph.D Minutes of the Meeting

Dr. G.G. Sozhamannan, Chairman of the BoS, opened the meeting by welcoming and introducing the external members to the internal and co-opted members. He thanked them for accepting the invitation to attend the Board of Studies meeting. The meeting then deliberated on the agenda items that had been approved.

### B.Tech Program:

<b>Item No. : BOS / 2025/MECH/UG /9.1</b>	
	<b>Confirmation of minutes 8<sup>th</sup> BOS meeting held on 20<sup>th</sup> September 2025, Friday &amp; 11.45 AM</b> Chairman and BoS members appraised the minutes of 8 <sup>th</sup> BoS meeting
<b>Item No. : BOS / 2025/MECH/UG /9.2</b>	
	<b>Consideration of the 2023 Regulations for students entering in the academic year 2025–26</b> The members approved the R23 regulations without any further suggestions.
<b>Item No. : BOS / 2025/MECH/UG /9.3</b>	
	<b>To review and approve the syllabus for semester VII and VIII under regulations R-2023 for the B.Tech Mechanical Engineering curriculum and syllabus</b> <ul style="list-style-type: none"><li>• The members approved the syllabuses for the Seventh and Eight semesters.</li><li>• Prerequisites for the courses to verified</li><li>• CO-PO mapping for theory and lab courses to be verified.</li></ul> <i>(Annexure I - Curriculum, Annexure II - Semester VII and VIII Syllabus)</i>
<b>Item No. : BOS / 2025/MECH/UG /9.4</b>	
	<b>To approve the professional and open Electives for the B.Tech. Mechanical Engineering programme for semesters VII and VIII under Regulations 2023.</b> The members approved the Professional and Open Electives as presented without any modifications. <i>(Annexure III - Professional and Open Elective syllabus)</i>
<b>Item No. : BOS / 2025/MECH/UG /9.5</b>	
	<b>Review of the academic calendar for the even semester of the AY 2025 - 25, quality assessment of UG question papers, and analysis of results for previous semester examinations.</b> <ul style="list-style-type: none"><li>• Members verified the Bloom's levels in the end-semester question papers.</li><li>• Members reviewed and were satisfied with the academic calendar.</li><li>• The members emphasized the importance of supporting slow learners by offering additional coaching and tutorial classes before exams to improve their results.</li></ul>

**Item No. : BOS / 2025/MECH/UG /9.6**

**To review various professional bodies, club activities, ability enhancement courses (AEC), and department committees for monitoring academic activities.**

- The members reviewed and evaluated the various activities conducted by clubs and professional bodies.
- The members assessed the methodology adopted for evaluating the Ability Enhancement Courses and department committees.

**The members appraised the list of clubs and society: List of Club:**

1. 3D printing club
2. Yoga club
3. Innovative and design club
4. Energy club

**List of Society:**

1. American society of metals
2. The robotics society (TRS)
3. Society of automotive engineers

**Item No. : BOS / 2025/MECH/UG /9.7**

**To approve the list of students enrolled for Honors / Minor degree programme, and review the curriculum and regulations.**

- Members are approved the students enrolled for Honors of degree programme of Electrical vehicles

S.No	Register No.	Enroll No	Name of the Student
1	23MEL007	240013	SANJEEV PARTHI. V
2	23UME041	230138	OLIERVELK
3	23UME043	231227	PRABAKARAN P
4	23UME067	231101	SURYANARAYANAN. V

**Item No. : BOS / 2025/MECH/UG /9.8**

**Discussion of any other matters with the permission of the Chair.**

Other points Discussed:

- For the Industrial Robotics and Automation course, hands-on training on PLC can be provided to enhance students' practical knowledge.
- As per the latest NBA regulations, the POs should be modified to 11.
- For student internships, in addition to companies, students can be sent to other universities for collaborative work.
- For project work, K4 and K5 knowledge levels should be included.
- LLP and stochastic programming can be incorporated into the Optimization Techniques course.
- For Supply Chain Management, the book by Sunil Chopra can be included

## M.Tech & Ph.D Program

<b>Item No. : BOS / 2025/MECH/PG /9.1</b>	
	<b>Confirmation of the minutes of previous meeting for PG and Ph.D. programs.</b> Chairman and BoS members appraised the minutes of 8 <sup>th</sup> BoS meeting
<b>Item No. : BOS / 2025/MECH/PG /9.2</b>	
	<b>Review of the curriculum and syllabus for the M.Tech. Manufacturing Engineering program under Regulations 2023.</b> Members reviewed the M.Tech. Manufacturing Engineering program under the 2023 regulations.
<b>Item No. : BOS / 2025/MECH/PG /9.3</b>	
	<b>To approve the electives for the M.Tech. Manufacturing Engineering programme under Regulations 2023.</b> The members approved the electives as presented without any modifications.
<b>Item No. : BOS / 2025/MECH/ PG /9.4</b>	
	<b>To approve and review the NPTEL, MOOC, mandatory courses, internships, and projects under Regulations 2023.</b> The members reviewed and approved the NPTEL, MOOC, mandatory courses, internships, and projects under the 2023 regulations.
<b>Item No. : BOS / 2025/MECH/ Ph.D /9.5</b>	
	<b>Review the research program (Ph.D.), the number of research scholars registered in the department, and the status of research work carried out by the scholars.</b> Members were satisfied with the progress of research scholars and appreciated the successful completion of their research.

The meeting was concluded at 04:30 PM with vote of thanks by Head of Department, Mechanical Engineering

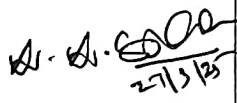
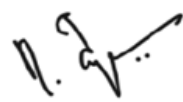

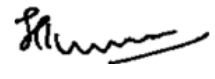
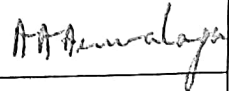



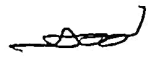
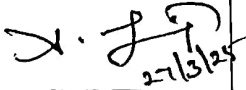
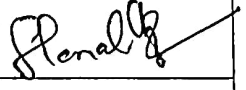

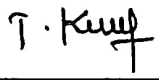

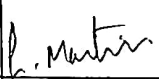
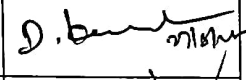
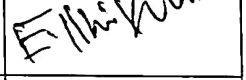

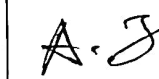


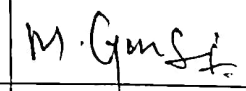
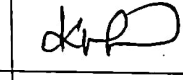


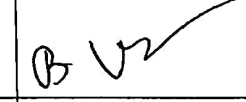
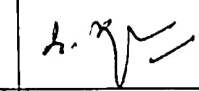
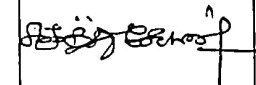
Department of Mechanical Engineering

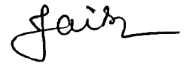
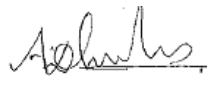
Board of Studies Meeting

The 9<sup>th</sup> Board of Studies meeting of Department of Mechanical Engineering was held on 27<sup>th</sup> March 2025, Wednesday at 2:30 P.M in Department of Mechanical Engineering, Sri Manakula Vinayagar Engineering College with the Head of the Department in the Chair.

The following members were present for the BoS meeting:

Sl. No	Name of the Member with Designation and official Address	Signature
1	Dr.G.G.Sozhamannan Professor & Head Department of Mechanical Engineering Sri Manakula Vinayagar Engineering College	
<b>External Members</b>		
2	Dr. R.Jeyapaul, Ph.D Professor Department of Production Engineering National Institute of Technology Tiruchirappalli, Tamil Nadu – 620015 Email id: jeyapaul@nitt.edu Mobile No.:9444290049	
3	Dr. N. Alagumurthi, Ph.D, Professor Department of Mechanical Engineering, Pondicherry Engineering College, Puducherry-605014. Email id: alagumurthi@pec.edu Mobile No.: 9486143090	
4	Dr. Ramesh Kumar K.,Ph.D Professor Department of Mechanical Engineering, School of Engineering, Amrita Vishwa Vidyapeetham Coimbatore - 641 112 Email id: k_rameshkumar@cb.amrita.edu Mobile No.:9994466457	
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22	Mr. G.Harish, Assistant Professor Specialization: Product Design and Manufacturing	
23	Mr. N.Prakash Kumar, Assistant Professor Specialization: Thermal	
24	Dr. B.Kanimozhi, Professor, Dept. of Mathematics	
25	Prof. K.Oudayakumar, Associate Professor Department of Physics	
26	Dr.K.Karthikeyan, Associate Professor, Department of Chemistry	

27	Dr.D.Jaichitra, Professor, Department of English	
<b>Co-opted Members</b>		
28	Dr.A.Dhanasekaran, M.Des., Ph.D Assistant General Manager Ashok Leyland Technical Center Chennai Email id:dhana80@yahoo.com Mobile No.9444290914	
<b>Alumni</b>		
29	S Vigneshwar, MBA., M.Tech Senior Engineering Professional Bosch Power Tools Limited, Chennai Email id: s.vigneshwar@in.boch.com Mobile No.:9944368992	