



**SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(Autonomous)  
Approved by AICTE, Affiliated to Anna University,  
Accredited by NAAC, NBA (ECE/CSE/MECH) and ISO 9001:2015 Certified  
Pullipalayam, Sankari, Salem (Dt.)

**DEPARTMENT OF MECHANICAL ENGINEERING**

**FIRST BOARD OF STUDIES**

**MINUTES OF MEETING**

Meeting No. : SSCET/MECH/01  
Date : 27.10.2023  
Time : 10.00 am  
Venue : Board Room ('A' Block)

The first Board of Studies Meeting of Mechanical engineering have been convened for deliberating the curriculum and syllabi of UG and PG programme and passing the same to the Academic Council.

The Chairperson welcomed the members and presented the curriculum and Syllabi of UG and PG programme of mechanical engineering department under Regulation 2023 for the students admitted from the academic year 2023-24 onwards. The members had thorough discussion and resolved to pass the curriculum to the Academic Council.

The following points were discussed in the meeting.

1. To discuss and pass the curriculum of B.E. Mechanical Engineering Programme for the students admitted from the academic year 2023-24 onwards.
2. To discuss and pass the syllabi of first year courses of B.E. Mechanical Engineering Programme for the students admitted from the academic year 2023-24 onwards.
3. To discuss and pass the Syllabi of first year courses offered to other programmes for the students admitted from the academic year 2023-24 onwards.
4. To discuss and pass the curriculum of M.E. Industrial Safety Engineering Programme for the students admitted from the academic year 2023-24 onwards.
5. To discuss and pass the syllabi of first year courses of M.E. Industrial Safety Engineering Programme for the students admitted from the academic year 2023-24 onwards.
6. Any other matters

**1) To discuss and pass the curriculum of B.E Mechanical engineering Programme for the students admitted from the academic year 2023-24 onwards.**

a) The BoS has resolved to pass the curriculum of B.E. Mechanical engineering Programme to the Academic Council for approval with the following modifications.

- i) Course name of soft skill and aptitude course shall be modified as soft skill-I, II,III
- ii) Suggested to take Internship in Semester-VI due to availability of more semester holidays
- iii) Suggested to have open elective course covering Artificial Intelligence and machine learning for mechanical systems
- iv) Suggested to change, drone technologies course under open electives for other programmes to some other broad areas .
- v) Suggested to include Java programming in the curriculum for the employability scope
- vi) Suggested to include open elective courses offered to other programmes
- vii) Suggested to revise the syllabus of the course machining of composite materials under manufacturing vertical
- viii) Suggested to revise the contents in mechanical vibrations course
- ix) Suggested to refine the course name of entrepreneurship, IPR and start-Up course
- x) Suggested for having Value Added Courses in CATIA, Unigraphics for core employability scope
- xi) Suggested to refine the course name of Mechatronics and IOT course in semester-VII

**2) To discuss and pass the Syllabi of first year courses offered to other programmes for the students admitted from the academic year 2023-24 onwards.**

a) The BoS has resolved to pass the syllabus of B.E. Mechanical Engineering Programme and other programme to the Academic Council for approval with the following modifications

- i) Suggested to include the perspective projection topic in unit-5 of engineering graphics course
- ii) Suggested to revise the syllabi of unit-II (Triple Product), Unit-III (Moment of inertia) and Unit-IV(Friction) of engineering mechanics course.
- iii) Suggested to reduce carpentry exercise and to include more welding and basic machining exercises in Group-A of Engineering Practices Laboratory
- iv) Suggested to include assembly and dismantle exercise of mobile in Group-B of Engineering Practices Laboratory

**3) To discuss and pass the curriculum of M.E. Industrial Safety Engineering. Programme for the students admitted from the academic year 2023-24 onwards.**

a) The BoS has resolved to pass curriculum of M.E. Industrial Safety Engineering to the Academic Council for approval

4) To discuss and pass the syllabi of first year courses of M.E. Industrial Safety Engineering Programme for the students admitted from the academic year 2023-24 onwards

a) The BoS has resolved to pass curriculum of M.E. Industrial Safety Engineering to the Academic Council for approval with the following modifications.


- i) Suggested to have course objective and course outcome uniformly across all the courses
- ii) Suggested to change specific unit name for the unit-4 of Industrial Safety, Health and Environment Acts course
- iii) Suggested to have audit tools for safety audit laboratory
- iv) Suggested to have list of experiments for the Industrial Safety and Simulation Laboratory

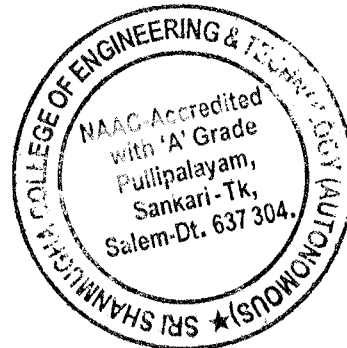
5) Any other Matters.

i) Suggested to keep course outcomes for UG and PG courses covering all blooms taxonomy levels

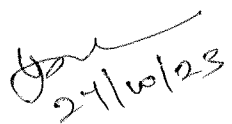
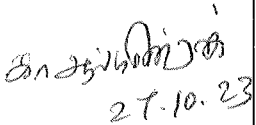
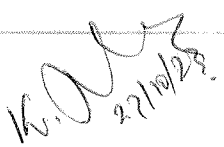

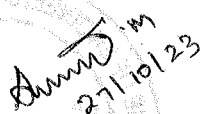
The BoS has resolved to pass the curriculum of UG and PG programme of Mechanical Engineering department for the students admitted from the academic year 2023-24 onwards.

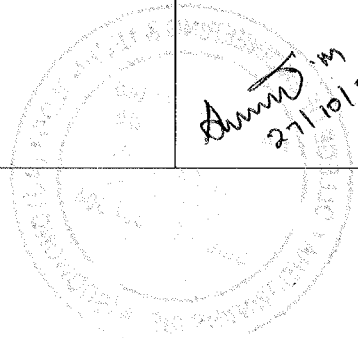
  
27/10/23  
Chairman – Board of Studies

  
**PRINCIPAL**  
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**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
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Pullipalayam, Sankari (Tk), Salem (Dt)-637 304.



The following members were present during the meeting.

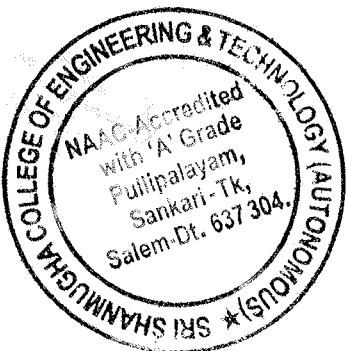
S.No.	Category	Name & Designation	Signature
1	Chairman	<b>Dr.L.Prabu,</b> Associate Professor & Head, Department of Mechanical Engineering, Sri Shanmugha College of Engineering and Technology, Salem Dt.	 27/10/23
2	University Nominee	<b>Dr.J.Aldrin Raj,</b> Associate Professor, Department of Mechanical Engineering, Government College of Engineering, Bodinayakanur	 27.10.23
3	Two subject experts from outside the Parent University	<b>1. Dr.K.Prabu,</b> Associate Professor, Department of Automotive Engineering, VIT University, Vellore.	 27/10/23
		<b>2.Dr.D.Robinson Smart,</b> Professor, Department of Aerospace Engineering, Karunya institute of Technology and Sciences, Coimbatore.	 27/10/2023
4	Expert from Industry	<b>Mr.N.Ramachandran,</b> Director-Operations PRD Rigs India Pvt Ltd, Salem	Absent
5	One PG and UG alumni	<b>Mr.M.Aravinth,</b> Head-Quality, Euroaqua Plumtek Pvt Ltd, Salem.	 27/10/23



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6	Faculty Members	1. Dr.N.R.Srinivasan, Professor	BR Sreema
		2. Dr.N.Natarajan, Professor	N. Nataraj
		3. Dr.T.Sathies, Assistant Professor	T. Sathies 27.10.23
		4. Mr.R.Boopathi, Assistant Professor	R. Boopathi
		5. Mr.M.Mohan, Assistant Professor	M. Mohan
		6. Mr. V.Kavinraj, Assistant Professor	V. Kavinraj 27/10/23
		7. Mr.E.Gopinath, Assistant Professor	E. Gopinath 27/10/23
		8. Mr.J.Prem, Assistant Professor	J. Prem
		9. Mr.N.Vasantha Prasath, Assistant Professor	N.V. Vasantha Prasath 27/10/23
		10. Mr.A.B.Chandravarthanan, Assistant Professor	A.B. Chandravarthanan 27-10-23
		11. Mr.N.Mugilarasan, Assistant Professor	N. Mugilarasan 27/10/23
		12. Mr.D.Arunkumar, Assistant Professor	D. Arunkumar 27/10/23
		13. Mr.T.R.Arunprasand, Assistant Professor	T.R. Arunprasand 27/10/23

*Jay*  
27/10/23  
Chairman – Board of Studies



*G. G. Ramesh*  
27/10/23  
Principal  
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