



# JEPPIAAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

Self Belief | Self Discipline | Self Respect

Kunnam, Sunguvarchatram, Sriperumbudur-631604



**MINUTES OF MEETING**  
**2<sup>nd</sup> BOARD OF STUDIES MEETING**  
**DATE: 13.12.2024 at 11.30 AM**  
**VENUE: Online mode in Syndicate Room**

The 2<sup>nd</sup> meeting of the Board of Studies (BoS) of the undergraduate programme, B.E. for the Department of Mechanical Engineering, Jeppiaar Institute of Technology was held on 13.06.2024 at 11.30 AM in the syndicate room of the institute through online mode.

The following are the list of BOS members:

S.NO	NAME	DESIGNATION	ROLE
1	Mr.S.Arun	Assistant Professor & Head in charge, Department of Mechanical Engineering, Jeppiaar Institute of Technology, Chennai.	Chairman
2	Dr.Simon Jeyaraj	Professor, Department of Mechanical Engineering, National Institute of Technology, Calicut.	External Expert - Academics
3	Dr.P.Vamsi Krishna	Professor, Department of Mechanical Engineering, National Institute of Technology, Warangal.	External Expert - Academics
4	Dr.N.Sendhil Kumar	Associate Professor, Department of Mechanical Engineering, National Institute of Technology, Puducherry.	University Representative

5	Mr.N.Lakshminarasimhan	Senior General Manager (P&HR), Brakes India Private Limited, Padi, Chennai.	External Expert - Industry
6	Mr.Sridhar Dheena	Strategic Sourcing Lead, PSA Stellantis, Thoraipakkam, Chennai.	External Expert - Industry
7	Mr.M I Abdhul Halik	Operations Lead, Forte Consulting, Chennai.	Alumni Member
8	Mr.D.Ajithkumar	Assistant Professor, Department of Mechanical Engineering, Jeppiaar Institute of Technology, Chennai.	Member
9	Mr.J.Sudhakar	Assistant Professor, Department of Mechanical Engineering, Jeppiaar Institute of Technology, Chennai.	Member
10	Mr.M.Kubendiran	Assistant Professor, Department of Mechanical Engineering, Jeppiaar Institute of Technology, Chennai.	Member
11	Mr.M.Sugadevaboopathi	Assistant Professor, Department of Mechanical Engineering, Jeppiaar Institute of Technology, Chennai.	Member
12	Mr.S.Jasper	Assistant Professor, Department of Mechanical Engineering, Jeppiaar Institute of Technology, Chennai.	Member



**Agenda:**

1. Introduction of Board of Studies members.
2. Follow up of 1<sup>st</sup> Board of Studies meeting.
2. Suggestions and improvements in approval of minor degree courses.

Mr.S.Arun, Assistant Professor Department of Mechanical Engineering welcomed all the Board of Studies members to the meeting and started the presentation of department.

**Follow up of 1<sup>st</sup> BoS meeting:****Suggestions from Board of Studies Members:**

- Units 4 & 5 in Machine tool technology are combined as a single unit CNC Machine & Programming.
- The Non-Traditional Machining Processes subject is removed and the topics from that subject are added as Unit 5 in Machine Tool Technology.
- Sustainable Manufacturing subject is introduced as an elective under manufacturing domain.
- Units 2 and 3 are combined as single unit in Engineering Thermodynamics and added Psychrometry as unit 5.
- Cryogenic Engineering as unit 5 introduced in elective paper Refrigeration and Air Conditioning.

**Minor degree Courses:**

The following subjects were identified by the faculty members for minor degree courses to offer from department of Mechanical Engineering under Design Engineering domain.

1. Product development strategy
  2. Geometric modelling of CAD
  3. Product life cycle Management
  4. 3D printing
  5. Design concepts in Eng.
  6. Collaborative Product design and commerce
- Out of above six subjects 4 subjects to be finalized with a credit of 4 each and one project under design engineering to carried out in 7<sup>th</sup> semester.
  - With a deep discussion about the contents and scope in each subject Board of Studies members guided us to finalize the following four subjects from semester 3 to 7.

S.No	Semester	Year	Subject Name
1	3	II	Geometric modelling of CAD
2	4	II	Topology optimization in 3D Printing
3	5	III	Product life cycle Management
4	6	III	Collaborative Product design and commerce
5	7	IV	Project Work

BOS members also suggested to carry out DIY projects, internships and to take up NPTEL courses related to minor degree courses.

Finally Dr. Shenbaga Ezhi, IQAC Director concluded the meeting with vote of thanks.



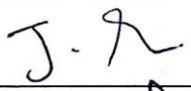

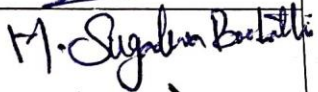
S.  14/12/24

S.ARUN,

Assistant Professor,

Department of Mechanical Engineering



S.No	Name	Role	Signature
1	Mr.S.Arun	Chairman	
2	Dr.Simon Jeyaraj	External Expert - Academics	ONLINE
3	Dr.P.Vamsi Krishna	External Expert - Academics	ONLINE
4	Dr.N.Sendhil Kumar	University Representative	ONLINE
5	Mr.N.Lakshminarasimhan	External Expert - Industry	ONLINE
6	Mr.Sridhar Dheena	External Expert - Industry	ONLINE
7	Mr.M I Abdhul Halik	Alumni Member	ONLINE
8	Mr.D.Ajithkumar	Internal Member	
9	Mr.J.Sudhakar	Internal Member	
10	Mr.M.Kubendiran	Internal Member	
11	Mr.M.Sugadevaboopathi	Internal Member	
12	Mr.S.Jasper	Internal Member	