

Shri G. S. Institute of Technology & Science, Indore

Department of Mechanical Engineering

Date: 04th July, 2025

Minutes of BOS Meeting held on 04th July 2025

A Board of Studies (BOS) meeting of Mechanical Engineering was held in hybrid (both offline & online) mode on 04th July 2025 at 12:00 PM for reviewing the course structure and syllabus of UG and PG programs of the department.

Following members have attended the meeting:

1.	Dr. Sudhir Tiwari, Professor, MED, SGSITS, Indore	Chairman
2.	Dr. Anand Parey, Professor, Department of Mechanical Engineering, IIT Indore	Expert Member
3.	Dr. Aseem Tiwari, Professor, MED, RGPV Bhopal	Expert Member
4.	Dr. S. C. Solanki, Professor, MED GEC Ujjain	Expert Member
5.	Dr. Ashesh Tiwari, Professor, MED, IET DAVV Indore	Expert Member
6.	Dr. Anuj Shukla, Assistant Professor, MED NIT Raipur	Expert Member
7.	Dr. Rajkumar Porwal	Member
8.	Dr. Basant Agrawal	Member
9.	Dr. B. R. Rawal	Member
10.	Dr. Vinod Pare	Member
11.	Dr. Bhupendra Singh More	Member
12.	Dr. Manoj Chouksey	Member
13.	Smt. Swati Chaugaonkar	Member
14.	Dr. Prabnesh Ganai	Member
15.	Dr. Ashok Atulkar	Member
16.	Shri. Dinesh Pasi	Member
17.	Shri. Vinod Parashar	Member
18.	Shri. Ravi Jatola	Member
19.	Mr. Anil Mulewa	Member
20.	Mr. Dhruv Mac (IV B.Tech. Mech Engg)	Student Member
21.	Ms. Anjali Patel (IV B.Tech. Mech Engg)	Student Member

Meeting could not be attended by

1. Prof M L Jain
2. Mr. Gangaram Mourya
3. Shri. Vidyadhar Pande

The deliberations of the meeting are as under:

The agenda of the meeting was;

1. Scheme of B. Tech. and M. Tech. along with proposed changes
2. Proposed Minor degree
3. NPTEL courses recommended for July-Dec 2025 session
4. Rubrics for various internal assessments
5. Department calendar for July-Dec 2025 session
6. Syllabus of first year subject Overview of Mechanical Engg and Graphics
7. Any other item with permission of chair

Item 1(a): Review of Scheme of B. Tech program of the department.

The committee reviewed the scheme as per new format of B.Tech. program. The recommended scheme is attached as Annexure.

Item 1(b): Scheme of M. Tech. program of the department.

The committee reviewed the scheme and syllabus of M.Tech. (Mechanical Engg. Design) along with course articulation matrix and recommended the same.

Item 2

The committee reviewed the minor degree proposed in (a) Robotics and (b) Data Science and approved the same. The proposed scheme is attached as an Annexure.

Item 3

The committee reviewed and recommended the following subject being offered by NPTEL in forthcoming semester. The approved list is attached as Annexure.

Item 4

The committee reviewed the various rubrics for assessment of assignment, industrial training, practical and project. The recommended rubrics are attached as Annexure.

Item 5

The department calendar was presented in the meeting. The committee reviewed and appreciate the same. The calendar is attached as an Annexure.

Item 6

The syllabus of 'Overview of Mechanical Engg and Graphics' was discussed and recommended. The syllabus is attached as an Annexure.

Item 7

In any other items

Syllabus of following subjects reviewed and recommended with proposed changes

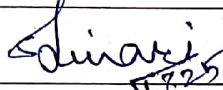
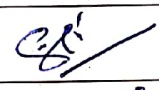
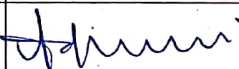
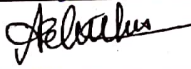
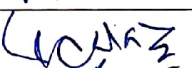
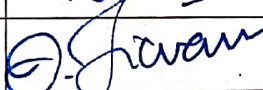
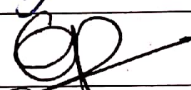
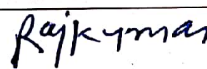
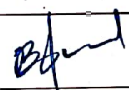
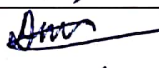
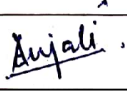
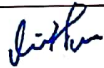
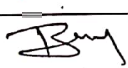
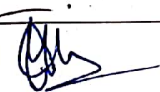
1. Overview of mechanical engineering and graphics
2. Hydraulic pneumatic and fluidic control
3. Engineering thermodynamics
4. Manufacturing process
5. Steam Engineering

Suggestions received from experts

- The committee members recommended to include continuous evaluation for the students going for 6 month (full semester) internship and end semester practical exam/ presentation.
- It was recommended to include elective subject on "Industry 4.0" for final year students as per current industry requirement.
- It was recommended to review and update the syllabus of **Manufacturing Process**.
- It was recommended to include CAD for the graphics practice and programming language like Python in first year.

The meeting ended with a vote of thanks to the chair.

Signatures of BoS Members attended meeting on 4th July 2025.

1.	Dr. Sudhir Tiwari		13.	Smt. Swati Chaugaonkar	
2.	Dr. Anand Parey		14.	Dr. Pranbesh Ganai	
3.	Dr. Aseem Tiwari		15.	Dr. Ashok Atulkar	
4.	Dr. S. C. Solanki		16.	Mr. Dinesh Pasi	
5.	Dr. Ashesh Tiwari		17.	Mr. Vinod Parashar	
6.	Dr. Anuj Shukla	Joined online	18.	Dr. Ravi Jatola	
7.	Dr. Rajkumar Porwal		19.	Shri Anil Mulewa	
8.	Dr. Basant Agrawal		20.	Dhruv Mac	
9.	Dr. B. R. Rawal		21.	Anjali Patel	
10.	Dr. Vinod Pare				
11.	Dr. Bhupendra Singh More				
12.	Dr. Manoj Chouksey				

Enclosures: Proposed Scheme and Syllabi+

