

Minutes of Meeting

Board of Studies of the Mechanical-Mechatronics Engineering (MME) Department

Date: 21.07.2023 (Monday)

Time: 3:00- 5:00 PM

Venue: VC Room

The following members were present in the meeting:

1. Dr. Mohit Makkar (HoD-MME) – Chairperson
2. Dr Suresh D. Meshram- External Expert
3. Prof. Pushparaj Mani Pathak - External Expert
4. Mr. Amol Nagar- External Expert
5. Dr. Aman Arora - External Expert
6. Mr. Shubham Sabo – Alumni Member
7. Mr. Chavan Vijay Singh- PhD Scholar Member
8. Mr. Arjun Gupta – Student Member
9. Ms. Nehal Dwivedi- Student Member
10. Dr. Kamal Kishore Khatri (Associate Professor) - Member
11. Dr. Vikram Sharma (Associate Professor) - Member
12. Dr. Ashok Dargar (Associate Professor) - Member
13. Dr. Manoj Kumar (Associate Professor) - Member
14. Dr. Deepak R Unune (Assistant Professor) – Special Invitee
15. Dr. Servesh K Agnihotri (Assistant Professor) - Member
16. Dr. Vikas Sharma (Assistant Professor) - Member
17. Dr. Atul Mishra (Assistant Professor) - Member
18. Dr. Praveen K Sharma (Assistant Professor) - Member
19. Dr. Rahul Singhal (Assistant Professor) – Special Invitee
20. Dr. Sandeep Saini (Assistant Professor)- Special Invitee

The following member was not present in the meeting:

1. Prof. Sunil Pandey (Distinguished Professor) – On Leave
2. Prof. Avinash Kumar Agarwal – External Expert– Due to prior engagement somewhere else.

Agenda Points:

1. Formal welcome and introduction of all the BoS members.
 2. Discussion on the new proposed MME curriculum.
- 1. Formal Welcome of all the new members:** The chairperson gave a brief bio of all the members including external members, faculty members, alumni members, student members and special

invitees. He formally welcomed and thanked all the members in the first meeting of the newly formed Board of studies meeting.

2. Discussion on new proposed curriculum of MME department starting from Y23 batch.

All the members were provided with all the relevant documents pertaining to the new curriculum one week before the BoS meeting. The documents shared were new curriculum proposal, new curriculum, supporting document and the latest Course information forms:

The following observations were made by the committee members keeping the objective of making industry ready engineer in focus:

1. Everyone found the curriculum up to date and relevant to the latest trends in the industry.
2. All were satisfied with the no. of program electives and open electives along with their placement in the curriculum.
3. It was suggested to include the start-up work as well along with BTP i.e., students working on their startups can be graded for BTP based on their work done in startup.
4. Semester long internships should be encouraged and be part of the curriculum along with credits assigned to them.
5. Internal personal skills need to be developed among students to grow in the corporate environment.
6. Students must have a knowledge of financial / business acumen like the knowledge about balance sheets, accounts, and business idea to product process etc.
7. The internships must be promoted and assigned credits to it.
8. Basic Knowledge of IoT, Industry 4.0, 5.0, ERP, Oracle, SAP, Data analysis etc. can be very handy in industry.
9. Additive manufacturing should be part of the curriculum considering its requirement and scope.
10. Students must know the basics of AI and ML in one of the subjects.
11. More focus should be on basic concepts in delivery to build the aptitude of the student.
12. Mechatronics should be part of the curriculum.
13. Hands-on training should be there in many of the subjects.
14. Their B. Tech project should be in the core area and inclusion of AI, ML, DS should be in the core application for BTP.

The department members recommended that the suggestions received be considered one by one to accommodate in the new curriculum wherever possible and the updated curriculum be presented in the BoS again to finalize it.

The meeting concluded with thanks to all present.