



An Autonomous Institute

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DEPARTMENT OF MECHANICAL ENGINEERING
REPORT ON BOS MEETING (ME Department)

DATED 22nd June 2024

BOS meeting of ME department was conducted on 22nd June 2024 in CIM Lab (Room No. 029) from 10:00 am to 12:30 pm. Dr. L Ravikumar, Professor, Department of Mechanical Engineering, BMSCE, Bangalore, Dr. B M Rajaprakash, Professor, Department of Mechanical Engineering, UVCE, Bangalore, Dr.Srinivas. L. Gombi, Dean Academics, and In charge Dean (Research), Dr. Santhosh N, Associate Professor and Head, and all the faculty members of the department were present in the meeting.

Agenda of the Meeting:

1. Welcome Address
2. Approval of revisions in the 2022 - UG Mechanical Engineering Scheme (5th to 8th Semester) for the academic year 2024-2025.
3. Approval of 2022 - UG Mechanical Orienting Syllabus, 5th semester to 8th semester Department of ME for the academic year 2024-2025.
4. Approval of the Project based learning courses.
5. Any other relevant point with the permission of chair.
6. Feedback from Stakeholders (Academia, Industry, Alumni)

Dr. Shrinivas L Gombi, Dean (Academics) and incharge Dean (Research) welcomed the BoS members and shared the importance of the syllabus framed. He highlighted the relevance of syllabus to all the members present. Dr. Santhosh N, Associate Professor and Head, Department of Mechanical Engineering made a detailed presentation of the 2022 scheme and syllabus for the academic year 2024-25.



Dr. Shrinivas L Gombi, Dean (Academics) and Incharge Dean (Research) welcoming the BoS members to the meeting



Dr. Santhosh N, Associate Professor, Presenting the syllabus to the BoS members



BoS members keenly reviewing the 2022 scheme and syllabus

The presentation of the overall credit distribution and then scheme of ME was presented in parallel with the detailed syllabus for 5th to 8th semester. The valuable feedback was given by the stakeholder evaluating the syllabus of each subject carefully. The amalgamation of the existing subjects and introduction of new industrial oriented courses on to the syllabus was discussed in detailed way.

The key suggestions given by the eminent BoS members are listed as follows:

Dr. L Ravikumar, Professor, Department of Mechanical Engineering, BMS College of Engineering.

1. For AEC Course, Invite External Resource Persons from Industry.
2. Impact Analysis for AEC Courses to be done.
3. 5th Sem , MVJ22ME51, Change the subject name of Technical Management and Entrepreneurship to Industrial Management and Entrepreneurship.
4. Discuss in joint BoS about the course title “Essence of Research Methodology and IPR”, it would be better, if the course title can be changed to “Research Methodology and IPR”.
5. Course on Fire and Safety Engineering can be introduced as an Audit Course if there are provisions.
6. Request for inclusion of course of Full Stack Development by CSE and allied branches as Open Elective , so that Mechanical Engineering Students can opt for that course.

7. Mechanical Students to opt for Programming Courses from CSE and Allied branches as open electives.

Dr. B M Rajaprakash, Professor, Department of Mechanical Engineering, University of Visvesvaraya College of Engineering.

8. Assignments to be given in form of Drafting Applications for Patent filing in MVJ22RMI57, Research Methodology and IPR course, rather than theory questions.

9. 5th Sem , MVJ22ME51 Technical Management and Entrepreneurship to include contents on statistical quality control tools.

10. In Mechatronics subject, course content to include PLC and related topics.

11. In Additive Manufacturing subject, course content to include Additive Manufacturing of Metals and Polymer Composites, which is the latest trend in Additive Manufacturing.

12. All Mechanical Engineering students to be encouraged to get P.G. Diploma from NPTEL by completing 6 to 8 courses on Programming.

13. Mechanical Students to enrol for Infosys Spring Board and become proficient in Programming languages.



BoS members giving suggestions about the V to VIII Semester ME syllabus of 2022 batch

Finally Prof. Vinoth Kumar G presented the points of discussion made in the minutes of meeting book to everyone. BoS members, suggested to teach the course content effectively to ensure the holistic development of students.

The meeting was concluded with the Vote of Thanks by Dr. Santhosh N, Associate Professor, MVJCE.

Outcome of the Meeting:

1. Introduction of one credit course “MVJ22IKK69 -Indian Knowledge System” in sixth semester as per VTU.
2. Incorporated project based learning for selected subjects in 5th-7th semester with mandatory evaluation. Assignments (20M) are replaced with submission of capstone projects and 20M will be awarded based on the evaluation.

Subjects in which project based learning is mandatory.

V Sem : MVJ22ME53-Theory of Machines

VI Sem : MVJ22ME62-Machine Design

VII SEM : MVJ22ME72-Mechanical Vibrations

3. Incorporated the assessment criteria for evaluating the student learning during internships.
4. In VIII SEM, Specific guidelines to monitor the project performance to make a balance between student internship learning Project.
5. The use of explicit criteria for the selection of Massive Open Online Courses (MOOCs) during the eighth semester.