

**DEPARTMENT OF MECHANICAL ENGINEERING****Date: 20/03/2021****BOS MINUTES OF MEETING**

Board of Subject meeting was conducted on 20th May 2021 at 2.00 pm through online video conference. The agenda of meeting was to finalize curriculum of S.Y.B.Tech (Pattern 2020), Final Year B.Tech (Pattern 2018) and F.Y.M.Tech (Pattern 2020) Following members were present for the meeting.

Sr. No.	Name of Members	Designation and Place of Work	Category
01	Dr.Dinesh Kamble	Head of Department of Mechanical Engineering, VIIT, Pune	Chairman
02	Dr.R.B.Ingale	Professor, Cummins College of Engineering, Pune	V.C. Nominee
03	Dr.D.G.Thakur	Professor, Department of Mechanical Engineering, Defense Institute of Advanced Technology, Pune	Subject Expert (as nominated by Academic Board)
04	Dr. Sudarshan Sanap	MIT Art Design and Technology University(MITADT) , Pune	Subject Expert (as nominated by Academic Board)
05	Dr. Atul Gatey	Kalyani Center for Technology and Innovation, Bharat Forge, Pune	Industry Expert
06	Dr. Vijay Varade	Assistant Professor , Curtin University Dubai, UAE	International Expert
07	Dr.Satish Chinchankar	Professor and Dean Academics, VIIT, Pune	Subject Expert
08	Dr.Atul P Kulkarni	Professor and Dean Industry Institute Interaction Cell, VIIT, Pune	Subject Expert
09	Dr.Ashok R. Mache	Professor and Associate Dean R&D, VIIT, Pune	Subject Expert
10	Dr.Ajay D. Kale	Associate Professor, VIIT, Pune	Subject Expert
11	Dr.Sandeep S. Kore	Associate Professor, VIIT, Pune	Subject Expert
12	Dr. Pravin P. Hujare	Associate Professor, VIIT, Pune	Subject Expert

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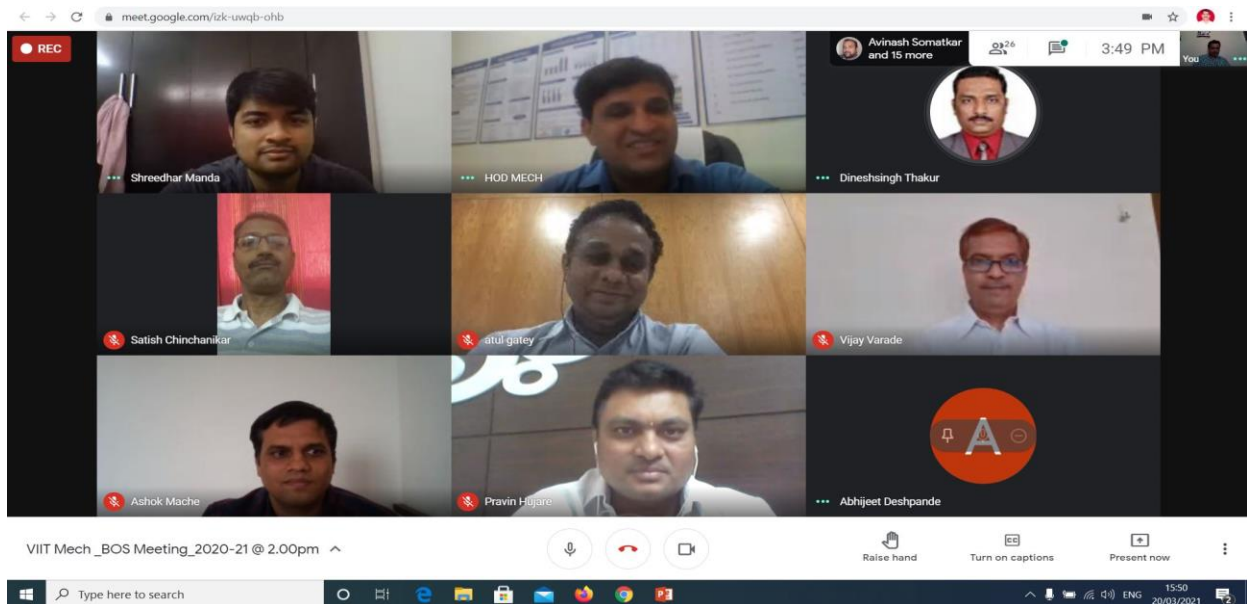
13	Dr. B.S.Rathod	Assistant Professor, VIIT Pune	Subject Expert
14	Prof. Nitin H. Ambhore	Assistant Professor, VIIT Pune	Subject Expert
15	Prof A.R.Deshpande	Assistant Professor, VIIT Pune	Subject Expert
16	Prof. Prashant Anerao	Assistant Professor, VIIT Pune	Subject Expert
17	Prof. C.R. Ramtirthkar	Assistant Professor, VIIT Pune	Subject Expert
18	Mr.Shreedhar Manda	Executive Assistant to Executive Director at Mercedes-Benz India Pvt. Ltd.	Post Graduate meritorious Alumnus
19	Prof. D.B.Nalawade	Assistant Professor and Associate Head	Member Secretary

1. **Dr. D. N. Kamble**, BoS Chairman and Head Mechanical Engineering, welcomed and introduced all BOS members. He briefed about agenda of the meeting and the review of the last BoS meeting and the actions taken.
2. Further Dr. Kamble presented review of academics activities carried out during the year 2020-21. Also he put forth on comparison of SY 2018 pattern and SY 2020 pattern.
3. **Dr. Satish Chinchankar, Dean Academics**, put forth on academic structure and credit distribution of SY 2020 pattern. He briefed about Python, C programming and Energy water and sustainability courses introduced for FY 2020 pattern.
4. **Dr. Ashok Mache** brief about the structure and course contents of Final year 2018 pattern and also the gave the details of elective courses offered at department and institute levels.
5. **Dr. R. B. Ingale** suggested to decide the depth of pressure vessel design for MSD course and should include design of hybrid engines for MSD course. Also He suggested for Electric vehicles and mobility honor course, faculty should evaluate and decide the path for NPTEL course.
6. **Dr. D. G. Thakur** suggested to change the title of unit 6 of MP course by Lathe instead of Central Lathe. Also he suggested to include the flexural test in either MSEM or SOM course. The concern faculty members were agreed to do the changes suggested by Dr. Thakur sir in the course. Also he put forth on prerequisite course is essential for Injury Biomechanics and Automobile design honor course and department faculty should get training on this course.
7. **Dr. Sudarshan Sanap** suggested that Module 1 and 2 are sufficient for final year and include design and innovations based courses in open elective for final year. Also he suggested to check availability of NPTEL course during the time when it will offered for honor courses.
8. **Dr. Vijay Varade** put forth on introducing design thinking and innovations based courses for SY and Elective courses should be offer specialization wise from third year. Also he suggested to focus on Industry based courses for Energy system and management honor course.

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9. **Dr. Atul Gatey** suggested that, 3D elements should be covered for FEA course. Dr. ARM agreed that 3D element part will be covered during FEA practical. Also Dr. Gatey suggested to mention the specific applications for design of hydraulic systems for last unit of IFP Course. Prof. DBN agreed that few applications will be mentioned for design of hydraulic system in last unit of IFP Course.
10. **Mr. Shreedhar Manda**, an Alumni representative appreciated the addition of human value course for SY 2020 pattern. He suggested to add synthesis course (Neural network and Artificial intelligence) along with Data analytics. Also he suggested to add connected vehicles in system engineering honor course and should approach ARAI for arranging expert lecture for Biomechanics and Automobile Design honor course.
11. **Prof A. R. Deshpande**, PG Coordinator, briefed about FY M.Tech Design Engineering course of 2020 pattern to all BOS members. Also he put forth on new additions of courses for 2020 pattern and BoS members have appreciated the same.
12. **Prof. D. B. Nalawade**, Associate Head briefed the summary of discussions made during the meeting.
13. **Dr. D. N. Kamble**, BoS Chairman and Head of the Department gave vote of thanks to all BoS members.

All members were actively involved in the discussion and meeting concluded with vote of thanks.



Dr. Dinesh N. Kamble
Professor and Head-Mechanical Engineering
VIIT,Pune