

## Minutes of Meeting

BOS Mechanical Engineering Department online off campus meeting was conducted on Saturday 20<sup>th</sup> March 2021, between 3.30 pm to 5.00 pm using Microsoft team platform and the following points were discussed in the meeting.

- 1) Head of Department greet to BOS members Dr. Bhalchandra Puranik From Professor, IIT, Powai, Mumbai, Dr. Bhalchandra Deshmukh, Kirloskar Oil Engine Ltd. Pune Dr. Tansen Choudhari, Fluid Controls Pvt Ltd., Pune, Dr. V. M. Phalle, VJTI, Mumbai and to all faculty members for BOS meeting.
- 2) Head of the Department briefed the meeting agenda to all members and appealed to all committee members for open discussion and suggestions on curriculum contents of TY B.Tech Mechanical.
- 3) HOD has taken the review of minutes of BOS meeting which is held on 14th Jan 2020, Minutes are confirmed and approved by BOS.
- 4) Dr. M. R. Nandgaonkar has thrown lights on the structure and course contents of TY B.Tech Mechanical prepared by the Mechanical Engineering Department.
- 5) Head of the department enlisted the list of courses to be offered under, ILOE, Honor, and Minor and offered under flip classroom mode and institute of eminence.

### **During the meeting, the following suggestions are highlighted**

- BOS members have raised point on interdisciplinary course pattern in semester 6, HOD, explained that the combination is given for the student and depend on course lectures and practical the pattern is decided.
- Dr. Tansen Chaudhari, has raised the point on the course content of electromechanical system and Mechatronics, there may be some duplication of syllabus part so sir has suggested that course should not be offer in the same semester. HOD sir agrees with that.
- Data analytics probability and statics shifting are appreciated by Dr.Tansen Chaudhari.
- Dr V M Phalle sir raised point on Design of Machine components, related to vibration contents and suggested to add the part in semester 4 or semester 5.
- Dr Deshmukh Bhalchandra has raised point on a combination of the course content of the TOM and Design subjects.
- Dr Deshmukh Bhalchandra has appreciated for inclusion of the courses namely Automotive Engineering Systems, Automotive Mechatronics, Hybrid and Electric Vehicles and Automotive Transmission and Control which are floated as Honor courses in semester V, VI,VII and VIII respectively.
- Dr Deshmukh Bhalchandra highly appreciated the inclusion of data analytics as IFC. He also agrees to the shifting of data analytics. The subject is more useful for students for research and project work

- Dr. Bhalchandra Puranik and Dr Deshmukh suggested that in semester 6, instead of floating machine learning as a separate subject, check the possibility to cover the content in some Lab.
- BOS members have raised the point related to content of the subject "Energy Conversion", as the title has broad meaning and content related to steam and gas turbine, so they suggested to rename the title and keep the title as "Steam and Gas Turbine" and remove the part related to solar.
- Dr.V M Phalle has given the suggestion that the contents of the subject “Advanced Machine Design”, which is offered as an Honor in semester 5 for mechanical department students are related to product development. BOS members have suggested as per the subject course content the title of the course should be renamed. The name "Machine" is name is mismatching, they proposed the title as "Advanced Product Design". HOD sir agrees with the suggestion.
- Dr. Puranik sir has taken the review of the flow of the honor and minor courses, which are offered to students from semester 4 to semester7.
- Dr.V M Phalle has pointed out and suggested to take a review of the design-related subject to avoid the repetition or overlap of the contents.
- Dr.V M Phalle has given suggestion to update the course outcomes(CO) of the subject such as Automotive Mechatronics, steam Technology Design of Machine Components, Design of Machine Components, Analysis and Synthesis of Mechanism, Operations Research etc. and frame 4-6 Course Objectives (COs) of your course for TY B. Tech.
- HOD appeal to all faculty members to update syllabus course outcomes as per the Blooms Taxonomy.
- Dr.V M Phalle has given the suggestion to remove the duplication part in the subjects related to design such as Design of machine components, Engineering Design, fracture Mechanics etc.
- BOS members, Dr Deshmukh Bhalchandra, and Dr.V M Phalle has given the suggestion to add theory related to the use of standard design data book in design subject, also add the design data book names in the list of reference books list such PSG design data book etc. which is useful as an industry point of view.
- BOS members have appreciated the efforts taken by COEP to implement the industry floated courses such as Electro-hydraulic system
- BOS members have raised the point related to software's name in the syllabus, HOD sir has given the information to all BOS members that the specific name of the software is not mentioned in the syllabus, but students are using the software's for their lab work and for tutorials.
- The structure and syllabus of TY B. Tech is approved by BOS committee members.
- Meeting ended with a vote of thanks