

Minutes of the meeting of Board of Studies (BoS) in Chemical Engineering, Petrochemical Engineering, Biochemical Engineering and Biotechnology

An online meeting (on platform Zoom) of the BoS in the Chemical Engineering, Petrochemical Engineering, Biochemical Engineering and Biotechnology was held as detailed below:

- Day and Date: Thursday, 22nd July, 2021 Time : 4.30 pm
- Agenda:
 - 1) Finalization of Syllabus and Course structure for second year of AY 2021-22 of both Chemical/Petrochemical Engg with modifications if any
 - 2) Online courses (applicable for third semester only this time)
 - 3) New online course on Artificial Intelligence as well as Constitution of India for third semester
 - 4) Revised syllabus and course structure of MTech (Environmental Engg)
 - 5) NPTEL or other online courses as an option for industrial training of students
 - 6) Any other point with permission of Chair.

The following teachers attended the meeting

Faculty from Dr. BATU, Lonere

- 1) Prof. P. V. Vijay Babu
- 2) Prof. Y. S. Mahajan
- 3) Prof. V. P. Jawanjal
- 4) Prof. A. R. Chavan
- 5) Prof. (Mrs) S. S. Metkar

Faculty from Affiliated Colleges:

- 1) Prof. Unmesh Patil (PVPIT, Sangli)
- 2) Prof. Sadanand Guhe (JNEC, Aurangabad)

Leave of absence was granted to all those who could not attend the meeting. Dr. A. R. Chavan, HoD, Chemical Engineering of Dr. Babasaheb Ambedkar Technological University, Lonere welcomed all other faculty members and briefed about the agenda of the meeting.

The following points were discussed:

1. The first agenda point was about finalization of new syllabus and course structure proposed for students taking admission to second year BTech (Chemical) in AY 2021-22. All the members showed satisfaction about most of the things. Some minor corrections were done from previous course structure like changing teaching load of subject Basic human rights from 4 to 3 and changing teaching load from 3 to 4 for Professional Elective II. The teaching load of Professional Elective II will be now 3(L) + 1(T). For this, there was some reshuffling of electives between Professional

Elective I and Professional Elective II suggested by some members. The changes are done now in the revised course structure. It was also suggested by some members that all laboratories should be renamed as Chemical Engineering laboratories to make uniformity and convenience of inclusion of experiments. This can be done from next AY after thorough understanding. Prof. Chavan informed that an online NPTEL course on Mechanical Unit Operations has been suggested to students for third semester for subject Mechanical Operations. Prof. Chavan also informed that new online course on Artificial Intelligence and course on Constitution of India has been made mandatory for third semester by the University for all branches. This is over and above the original course structure. Some members showed concern about the level of online course on Artificial Intelligence as it is higher level course. Prof. Unmesh Patil suggested reallocation of units for Heat Transfer subject and it has been corrected in revised course structure and syllabus.

2. Prof(Mrs) Sangeeta Metkar presented course structure and syllabus for second year BTech(Petrochemical Engg). The members showed satisfaction over this. There were suggestions from some members that subject name of Engineering Thermodynamics should be changed to Chemical Engineering Thermodynamics. All other members agreed to this and the change has been done in revised course structure and syllabus. Prof (Mrs) Metkar also informed that online NPTEL course on Fluid and Particle mechanics has been suggested to students for third semester for subject Unit Operation I. The other members showed satisfaction over this.
3. Prof Chavan showed revised course structure and syllabus of MTech(Environmental Engineering) to all members for admissions in AY 2021-22. The members showed satisfaction over this. There were some suggestions like incorporating revised Program outcomes and Program specific outcomes which can be done at later stage. The course structure and syllabus of MTech(Environmental Engg) can now be send to academic council for further approval.
4. Prof Chavan informed that the students need to do field training/internship after their even semester examination is over. For this, due to pandemic restrictions, in previous AY, online NPTEL course were allowed to the students. This year too due to pandemic restrictions, the online courses should be allowed. All other members agreed to this and opined that the students should register and complete the appropriate course with certificate with appropriate grade mentioned in course structure.

The meeting ended with thanks to Chair.

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