



# Dr. Babasaheb Ambedkar Technological University

(Established by Government of Maharashtra and Governed by  
Dr. Babasaheb Ambedkar Technological University Act No. XXIX of 2014  
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## 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, 12<sup>th</sup> September, 2022 Time : 6.30 pm
- Agenda:
  - 1) Finalization of Syllabus and Course structure for third year of AY 2022-23 of both Chemical/Petrochemical Engg with modifications if any
  - 2) Online courses for students
  - 3) Industrial Training of Students
  - 4) Any other point with permission of Chair.

The following teachers attended the meeting  
Faculty from Dr. BATU, Lonere

- 1) Prof. A. R. Chavan
- 2) Prof. (Mrs) S. S. Metkar

Faculty from Affiliated Colleges:


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

Prof. V. S. Sathe, Prof. Y. S. Mahajan of Dept of Chemical Engg and Prof. V. P. Jawanjal of Dept of Petrochemical Engg of Dr. Babasaheb Ambedkar Technological University, Lonere could not attend the meeting.

Prof. A. R. Chavan, Head, Chemical Engineering Department 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 third year BTech (Chemical) in AY 2022-23 which was approved in academic council meeting of July 2020. Dr. A. R. Chavan

  
**Dr. Sangeeta Metkar**  
Head  
Department of Petrochemical Engineering  
Dr. Babasaheb Ambedkar Technological University  
Lonere, Maharashtra, India

presented course structure and syllabus for third year BTech(Chemical Engg). All the members showed satisfaction about most of the things. Some minor corrections were done from previous syllabus like modification/addition of experiments for the laboratory courses. Dr. S. L. Bhagat suggested reshuffling of two courses between Professional Elective III with Open Elective II and III as per suggestions from different sources. Hence, Pollution Control with Process Industries hereafter will be Open Elective II. Food Technology will hereafter be Professional Elective III. Heat Transfer Equipment Design will hereafter be Open Elective III. Disaster Management in Chemical Industries will be Professional Elective III. All the members agree over these changes. The changes are reflected in the Course structure and Syllabus.

Dr.(Mrs) Sangeeta Metkar presented course structure and syllabus for third year BTech(Petrochemical Engg). The members showed satisfaction over this.

2. It was discussed that online NPTEL courses should be registered by the students. The students should be encouraged to take courses for even semester of AY 2022-23.
3. Prof Chavan informed that the students need to do field training/internship (which was supposed to be done after end of previous AY even semester) till next even Even semester starts. The students can also do this training in phase-wise manner. All the members agree over this. The members further suggested about Online Internship. It was decided that though field training is the best choice, online internship should be done in Cautious manner.
4. The courses on Artificial Intelligence and Constitution of India were included in second year Course structure of AY 2021-22. But due to some reasons, they were omitted in previous academic year 2021-22 for all branches. For AY 2022-23, the decision about this will be taken as per the directives of University authorities.

The meeting ended with thanks to Chair.



Dr. A. R. Chavan  
Head, Dept of Chemical Engg

**Head of the Department**  
**Chemical Engineering**  
**Dr. Babasaheb Ambedkar**  
**Technological University Lonere**  
**Dist-Rajgad, Maharashtra 402103**



**Dr. Sangeeta Metkar**  
**Head**  
**Department of Petrochemical Engineering**  
**Dr. Babasaheb Ambedkar Technological University**  
**Lonere Rajgad - 402103 MS, India**



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## 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, 25<sup>th</sup> December, 2022 Time : 10.00 pm
- Agenda:

- 1) Finalization of Syllabus and Course structure for MTech (Environmental Engineering) in corrected form

The following teachers attended the meeting  
Faculty from Dr. BATU, Lonere

- 1) Prof. A. R. Chavan
- 2) Prof. (Mrs) S. S. Metkar

Faculty from Affiliated Colleges:

- 1) Prof. S. L. Bhagat (PVPIT, Sangli)

Prof. V. S. Sathe, Prof. Y. S. Mahajan of Dept of Chemical Engg and Prof. V. P. Jawanjal of Dept of Petrochemical Engg of Dr. Babasaheb Ambedkar Technological University, Lonere and Dr. Sadanand Guhe, HoD (Chemical Engg), JNEC, Aurangabad could not attend the meeting but all faculty members provided valuable suggestions by mail/phone.

Prof. A. R. Chavan, Head, Chemical Engineering Department 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 single agenda point was about finalization about syllabus and course structure of MTech (Environmental Engineering) which has been restarted under Chemical Engineering department from AY 2022-23. It was approved by BoS in previous year meeting but now it is again kept for BoS approval (with very minor corrections) due to academic council meeting approval needed in next Academic council meeting. There was no correction given to the syllabus by any of the members. So, now the syllabus is

approved by BoS and it is further sent to the approval of academic council to be scheduled soon.

The meeting ended with thanks to Chair.



Dr. A. R. Chavan  
Head, Dept of Chemical Engg

**Head of the Department**  
**Chemical Engineering**  
**Dr. Babasaheb Ambedkar**  
**Technological University Lonere**  
**Dist-Raigad, Maharashtra 402103**



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

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

- Day and Date: Friday, 14<sup>th</sup> July, 2023 Time : 3.00 pm
- Agenda:
  - 1) Finalization of Course structure for first year of AY 2023-24 of both Chemical/Petrochemical Engg as per NEP.
  - 2) Finalization of Course structure and Syllabus for final year of AY 2023-24 of both Chemical/Petrochemical Engg.
  - 3) Any minor changes for second and third year for AY 2023-24.
  - 4) Any other point with permission of Chair.

The following teachers attended the meeting  
Faculty from Dr. BATU, Lonere

- 1) Prof. Y. S. Mahajan
- 2) Prof. A. R. Chavan
- 3) Prof. (Mrs) S. S. Metkar
- 4) Prof. (Mrs) Sonali Mhatre

Faculty from Affiliated Colleges:

- 1) Prof. S. L. Bhagat (PVPIT, Sangli)


Prof. V. S. Sathe of Dept of Chemical Engg, Prof. V. P. Jawanjal of Dept of Petrochemical Engg of Dr. Babasaheb Ambedkar Technological University, Lonere and Prof. Sadanand Guhe from JNEC, Aurangabad could not attend the meeting.

Prof. A. R. Chavan, Head, Chemical Engineering Department 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 course structure proposed for students taking admission to first year BTech(Chemical/Petrochemical) in AY 2023-24 as per NEP. Dr. S. S. Metkar presented course structure for first year BTech(Petrochemical Engg) which are based on guidelines available with us. The course structure is still not complete and it was discussed that one core subject may be added in second semester alongwith exit option involving skill development courses. The core course for Chemical Engg will be "Introduction to Chemical Engg" and for Petrochemical Engg it will be "Introduction to Petrochemical Engg". The exit option involves the skill development courses which will be based on Plant Utilities and Safety or Energy and Environmental Engg(Any one) alongwith knowledge of word processing. Rest of the courses will be common for all branches. The members showed satisfaction about most of the things. The first year course structure is expected to be finalized in coming academic council meeting.
2. The second agenda point was about finalization of course structure proposed for students taking admission to final year BTech(Chemical/Petrochemical) in AY 2023-24 which was approved in academic council meeting of July 2020. Dr. A. R. Chavan presented course structure and syllabus for final year BTech(Chemical Engg). The Some minor corrections were done from previous syllabus like modification/addition of experiments for the laboratory courses. Few experiments were added to PEDD laboratory from Process Simulation and it will be now renamed as Process Equipment Design, Drawing and Simulation laboratory. The elective Modeling and Simulation in Chemical Engg has been added in the list and Plant Utilities and Safety will now be an Open Elective. PEDD course will be a core course instead of engg science course. The other members showed satisfaction over this. Similarly, Dr. S. S. Metkar presented for Petrochemical Engg with similar corrections. The three laboratories may now be converted to two laboratories by slight shuffling in course structure of PEDD. The members showed satisfaction over this.
3. Some minor changes like addition of one elective was done for third year petrochemical engg for AY 2023-24.

The meeting ended with thanks to Chair.

  
Dr. A. R. Chavan  
Head, Dept of Chemical Engg  
**Head of the Department**  
**Chemical Engineering**  
**Dr. Babasaheb Ambedkar**  
**Technological University Lonere**  
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## Minutes of the meeting of Board of Studies (BoS) in Chemical Engineering/ Petrochemical Engineering

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

- Day and Date: Friday, 4<sup>th</sup> September, 2023 Time : 8.30 pm
- Agenda:
  - 1) Finalization of Course structure for first year of AY 2023-24 of both B.Tech(Chemical/Petrochemical Engg) as per NEP as well as MTech(Chemical/Environmental Engg) as per NEP.
  - 2) Any other point with permission of Chair.

The following teachers attended the meeting  
Faculty from Dr. BATU, Lonere

- 1) Prof. A. R. Chavan
- 2) Prof. (Mrs) S. S. Metkar

Faculty from Affiliated Colleges:

- 1) Prof. S. L. Bhagat(PVPIT, Sangli)

Prof. V. S. Sathe and Prof. Y. S. Mahajan of Dept of Chemical Engg, Prof. V. P. Jawanjil and Prof. Sonali Mhatre of Dept of Petrochemical Engg of Dr. Babasaheb Ambedkar Technological University, Lonere and Prof. Sadanand Guhe from JNEC, Aurangabad could not attend the meeting. But they provided valuable suggestions in different modes of communications. Prof. A. R. Chavan, Head, Chemical Engineering Department 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 course structure proposed for students taking admission to first year BTech(Chemical/Petrochemical) in AY 2023-24 as per

NEP. Dr. S. S. Metkar presented course structure for first year BTech(Petrochemical Engg) which are based on guidelines available with us. It was discussed that one core subject may be added in second semester alongwith exit option involving skill development courses. The core course for Chemical Engg will be "Introduction to Chemical Engg" and for Petrochemical Engg it will be "Introduction to Petrochemical Engg". The exit option involves the skill development courses which will be based on Plant Utilities and Safety or Energy and Environmental Engg(Any one) alongwith knowledge of word processing. For Petrochemical Engg, instead of Workshop, Autocad is introduced in second semester. The members showed satisfaction about most of the things. The first year course structure is expected to be finalized in coming academic council meeting.

Dr. A. R. Chavan presented Course structure and syllabus for MTech(Chemical/Environmental Engg) as per NEP for AY 2023-24. The members showed satisfaction over this.

The meeting ended with thanks to Chair.

  
Dr. A. R. Chavan  
Head, Dept of Chemical Engg

**Head of the Department**  
**Chemical Engineering**  
**Dr. Babasaheb Ambedkar**  
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**Dist-Rajgad, Maharashtra 402109**