

Minutes of the Meeting of Board of Studies
M. Tech Chemical Technology-Biochemical Engineering held on July 20, 2020

Department of Biochemical Engineering
School of Chemical Technology
HBTU, Kanpur

An online meeting of the BOS members was held on July 20, 2020 at 2:00 PM for M. Tech Chemical Technology- Biochemical Engineering to review the course structure and detailed syllabus as per university norms.

The following members were present during the meeting:

- | | | |
|----|--|----------|
| 1. | Mr. Brajesh Singh, Head, Biochemical Engineering Deptt., HBTU, Kanpur | Chairman |
| 2. | Dr. Aroop K. Dutta, Director, Excel Matrix Biological Devices Pvt. Ltd., Hyderabad | Member |
| 3. | Dr. Gauri Shankar, Ex prof & Head, BE Deptt, HBTI, Kanpur | Member |
| 4. | Dr. A.K. Srivastava Prof., Deptt. of Biochemical Engg. & Biotech., IIT Delhi | Member |
| 5. | Dr. Sadhana Sachan, Deptt. of Chemical Engineering MNIT-Allahabad | Member |
| 6. | Dr. S.K. Srivastava, School. of Biochemical Engineering, IIT BHU-Varanasi | Member |
| 7. | Dr. Lalit Kumar Singh, Asstt. Professor, Biochemical Engineering Deptt., HBTU Kanpur | Member |
| 8. | Mr. Pravin Kumar Sachan, Guest Faculty, Biochemical Engineering Deptt., HBTU Kanpur | Member |
| | Mr. Mohit Kumar Yadav, Guest Faculty, Biochemical Engineering Deptt., HBTU Kanpur | Member |

Following member could not attend the meeting

Mr. Vikas Katial, Asstt. V.P. Biologics Manufacturing Mylan, Bangalore

Chairman BoS, Mr. Brajesh Singh, welcomed all the members and invitees in the meeting and the following agenda was taken up and decision taken thereon:

Item No. 1: To discuss the course structure of Two year M. Tech Chemical Technology-Biochemical Engineering program.

The matter was discussed in detail and looking the need of industry, academia and R&D organizations, the subject experts and the members suggested some changes which were incorporated. The final approved course structure by BoS is attached herewith (Annexure- I).

Item No. 2: To discuss and formulate the detailed syllabus of M. Tech Chemical Technology- Biochemical Engineering Program.

In view of the academic background of students admitted to the program, the committee suggested some suggestions and the same were incorporated in the syllabus attached in Annexure II.

Item No. 3: Procurement of eBooks in departmental library for the students of B. Tech- Chemical Technology- Biochemical Engineering



The BOS member suggested to procure sufficient number of eBooks in departmental library for suggested reading given in the syllabus of courses of B. Tech- Chemical Technology- Biochemical Engineering.

Item No. 4: The committee members authorized the Chairman, BOS for minor modifications in content documents arising in due course of time as and when needed.

Item No. 5: Any other matter with permission of chair

There being no matter, Chairman BOS thanked all members and invitees for their important and useful inputs in improving the course syllabus.

The meeting ended with vote of thanks to the chair:



Minutes of the Meeting of Board of Studies
B. Tech Chemical Technology-Biochemical Engineering held on July 20s, 2020

Department of Biochemical Engineering
School of Chemical Technology
HBTU, Kanpur

An online meeting of the BOS members was held on July 20, 2020 at 10:00 AM for B. Tech Chemical Technology- Biochemical Engineering to review the course structure and detailed syllabus as per university norms.

The following members were present during the meeting:

- | | | |
|----|--|----------|
| 1. | Mr. Brajesh Singh, Head, Biochemical Engineering Deptt., HBTU, Kanpur | Chairman |
| 2. | Dr. Aroop K. Dutta, Director, Excel Matrix Biological Devices Pvt. Ltd., Hyderabad | Member |
| 3. | Dr. Gauri Shankar, Ex prof & Head, BE Deptt, HBTU, Kanpur | Member |
| 4. | Dr. A.K. Srivastava Prof., Deptt. of Biochemical Engg. & Biotech., IIT Delhi | Member |
| 5. | Dr. Sadhana Sachan, Deptt. of Chemical Engineering MNIT-Allahabad | Member |
| 6. | Dr. S.K. Srivastava, School. of Biochemical Engineering, IIT BHU-Varanasi | Member |
| 7. | Dr. Lalit Kumar Singh, Asstt. Professor, Biochemical Engineering Deptt., HBTU Kanpur | Member |
| 8. | Mr. Pravin Kumar Sachan, Guest Faculty, Biochemical Engineering Deptt., HBTU Kanpur | Member |
| 9. | Mr. Mohit Kumar Yadav, Guest Faculty, Biochemical Engineering Deptt., HBTU Kanpur | Member |

Following member could not attend the meeting

Mr. Vikas Katial, Asstt. V.P. Biologics Manufacturing Mylan, Bangalore

Chairman BoS, Mr. Brajesh Singh, welcomed all the members and invitees in the meeting and the following agenda was taken up and decision taken thereon:

1. Discussion and decision on course structure of B. Tech- Chemical Technology- Biochemical Engineering

The model course structure approved by academic council and Dean Academic Affairs provided by academic section of HBTU was discussed and after deliberations, the First year course structure and syllabi were unanimously adopted. The course structure and syllabi for Third semester onwards (From Third semester to Eight Semester) were discussed at length and thoroughly deliberated upon. The adopted course structure and syllabi are annexed herewith as Annexure I.

2. Discussion/modification/improvement in the name of courses offered for B. Tech- Chemical Technology- Biochemical Engineering by department of Biochemical Engineering

The title names of various courses and practical laboratory works were discussed and the approved course titles are mentioned in the course structure annexed at Annexure-I.

3. **Discussion/modification/improvement in the syllabus of courses of B. Tech-Chemical Technology- Biochemical Engineering by department of Biochemical Engineering**

The detailed course syllabus and their contents of each theory course as well as laboratory/ practical course were thoroughly scrutinized and deliberated upon. The modified courses and their syllabi are annexed at Annexure II.

4. **Procurement of eBooks in departmental library for the students of B. Tech-Chemical Technology- Biochemical Engineering**

The BOS member suggested to procure sufficient number of eBooks in departmental library for suggested reading given in the syllabus of courses of B. Tech- Chemical Technology- Biochemical Engineering.

5. **Availability of adequate faculty to undertake the courses that are previously offered by Chemical Engineering Department**

The BOS members suggested to ensure the adequate number of faculty available to undertake the courses that are previously offered by Chemical Engineering department.

6. The committee members authorized the Chairman, BOS for minor modifications in content documents arising in due course of time as and when needed

7. **Any other matter with permission of chair.**

There being no matter, Chairman BOS thanked all members and invitees for their important and useful inputs in improving the course syllabus.

The meeting ended with vote of thanks to the chair:

