

**MINUTES OF MEETING (BOS Biotechnology)**

Meeting of the Board of Studies of the Department of Biotechnology was held on 28th April 2021 at 3 pm. Meeting was conducted on the online Google meet platform.

Following members were present in the meet:

1.	Dr. Jayashree Pawar	Chairperson	Co-ordinator, Department of Biotechnology, BNBCS
2.	Dr. Varsha Kelkar Mane	Expert nominated by Vice Chancellor	Associate professor, Department of Biotechnology, University of Mumbai
3.	Dr. Ajit Datar	Representative from Industry/ Corporate sector/ Placement	Advisor, Shimadzu Analytical India Pvt. Ltd., Mumbai
4.	Mr. Nikhil Pahelkar	Post graduate meritorious alumnus	M.Sc., IIT; pursuing Ph.D., IISC
5.	Dr. Kalpita Mulye	Member	Incharge, Department of Microbiology, BNBCS
6.	Ms. Sayali Daptardar	Member	Assistant professor, Department of Microbiology, BNBCS
7.	Ms. Zahera Momin	Member	Assistant professor, Department of Microbiology, BNBCS
8.	Ms. Purvi Shah	Member	Assistant professor, Department of Biotechnology, BNBCS
9.	Dr. Ashwini Tilak	Member	Assistant professor, Department of Biotechnology, BNBCS
10.	Ms. Judith Talkar	Member	Assistant professor, Department of Biotechnology, BNBCS
11.	Ms. M.D. Kushwaha	Member	Assistant professor, Department of Chemistry, BNBCS

1. **Chairperson:** Dr. Jayashree Pawar, Head, Department of Biotechnology, presided over the meeting.
2. **Leave of Absence:** Leave of absence was granted to Dr. R. Y. Mandhare, Assistant professor, Department of Chemistry, BNB.
3. **Welcome:** The meeting was initiated by Chairperson Dr. Jayashree Pawar. She introduced the BOS members constituted in accordance with the UGC guidelines for Autonomous colleges, Uniform Statue No.158 (Statues framed under Section 72(10) of the Maharashtra Public Universities Act, 2016) and Govt. of Maharashtra, Higher and Technical Education Department Notification of 14/01/2019.

4. **Introduction of Department:** Dr. Jayashree Pawar gave an introduction of the Department of Biotechnology to the external members of BOS, explaining various activities conducted by the Department along with students and staff achievements.
5. **Nomination of the two subject experts from outside parent university for the Board of Studies:** Prof. Rekha Singhal, Professor, Institute of Chemical Technology, Mumbai; and Dr. Kamalrookh Marolia, Head, Biotechnology, K.J. Somaiya College of Science & Commerce, Mumbai, were proposed as the two Subject Experts in the Board of Studies. This proposal was resolved in the meeting by all the members of BOS present. The resolution was also documented through a google form filled by all the present members for the official record.
6. **Proposal of the Syllabus & Examination pattern:** Dr. Jayashree Pawar gave a comparative view of University syllabus and Proposed syllabus of F.Y.B.Sc. Biotechnology. She shed light on the changes made in the proposed syllabus keeping in mind the gradual flow of basics to advanced knowledge during the three years of Bachelor programme. She mentioned the proposed changes in examination to the 60:40 pattern.
7. **Suggestions from the Experts:** The forum was open for discussions and suggestions from the experts in the committee.

Dr. Varsha Kelkar appreciated the exhaustive efforts made to frame the syllabus of F.Y.B.Sc. Biotechnology. Suggestions given by her includes:

1. Ameliorate the syllabus with a broader view of USP in autonomous colleges
2. Syllabus should provide better employability to students
3. Evolving the syllabus to match national level by going through the syllabi of various national institutes like JNU, BHU, DBT
4. Including electives in form of some courses offered by MOOCs, SWAYAM, NPTEL, Harvard, MIT, etc
5. Maintaining the broader view of Biotechnology in the syllabus which should not be inclined towards a single field.

Dr. Ajit Datar admired the endeavours for framing the syllabus. He reaffirmed the importance of some basic concepts included in the syllabus like preparation of molar and normal solutions. Some of the valuable suggestions given by him are as follows:

1. Improvising the syllabus to make students ready for the industry
2. Recognizing the importance of fermentation technology which is important in various biopharmaceutical companies
3. Framing second year and third year bachelor syllabus with a broader view of skill development in students

Mr. Nikhil Pahelkar agreed to the suggestions given by Dr. Varsha Kelkar Mane and Dr. Ajit Datar.

Dr. Jayashree Pawar acknowledged to include the suggestions while framing the future syllabus of second and third year of Biotechnology.

8. **Vote of Thanks:** The session was concluded by Vote of Thanks by Dr. Kalpita Mulye.

Approved

Place: Thane
Date: 28th April 2021

Chairperson
Dr. Jayashree Pawar