



Vidya Prasarak Mandal's

B. N. BANDODKAR COLLEGE OF SCIENCE
AUTONOMOUS

Minutes of the Meeting
Board of Studies
Department of Microbiology

Date: 1st April 2022

Online Platform: Google Meet

Time: 2 pm

Attendees: 10

Details of the attendees:

Sr. No.	Name	Capacity	Affiliation
1.	Dr. Kalpita Mulye	Chairperson	Head, Department of Microbiology, BNB
2.	Dr. Anushree Lokur	Expert Nominated by Vice Chancellor	HOD and I/C Principal, Ramnarain Ruia Autonomous College
3.	Dr. Abhishek Mule	Representative from Industry	In-Field Application Scientist, Eppendorf India Ltd.
4.	Dr. Lolly Jain	Subject Expert	Vice Principal Somaiya, Vidyavihar
5.	Dr. Annama Anil	Subject Expert	Associate Professor ICT, Mumbai
6.	Dr. Jayashree Pawar	Member	HOD, Department of Biotechnology, BNB
7.	Ms. Sayali Daptardar	Member	Assistant professor, Department of Microbiology, BNB
8.	Ms. Zahera Momin	Member	Assistant professor, Department of Microbiology, BNB
9.	Ms. Purvi Shah	Member	Assistant professor, Department of Biotechnology, BNB
10.	Dr. Ashwini Tilak	Member	Assistant professor, Department of Biotechnology, BNB
11.	Ms. Judith Talkar	Member	Assistant professor, Department of Biotechnology, BNB

- 1. Chairperson:** Dr. Kalpita Mulye, Head, Department of Microbiology, presided over the meeting
- 2. Leave of Absence:** Leave of absence was granted to meritorious alumnus Mr. Yash Deshpande by Chairperson.

3. **Welcome:** The Chairperson introduced and welcomed all the members of the Board of Studies of Department of Microbiology constituted as per 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 14th Jan 2019 and thanked them for their kind acceptance.
4. **Introduction of the Department:** Dr. Kalpita Mulye gave a brief introduction of the department to the esteemed members of the BOS, through a power-point presentation, showcasing the origin, growth and achievements of the faculty & Students of the department in academic, research and extracurricular activities.
5. **Summary of Previous meeting:** The Chairperson read out the minutes of the previous meeting of BOS held on 27th April 2021.
6. **Proposal of the Syllabus & Examination pattern:** Dr. Kalpita Mulye then highlighted the lacunae perceived in the existing Second year bachelor's course of microbiology and acquainted the members with the proposed changes for acceptance; keeping in mind the desired outcome and continuity of the syllabus in connection to the first-year syllabus. The 60:40 pattern of examination was continued to be followed giving them freedom of choice through internal examination.
7. **Suggestions from the Experts:** The session was then open for suggestions and comments from the experts. Academic experts gave some valuable insights with respect to the upcoming autonomy and changes proposed. The suggestions received were as follows:

By Dr. Anushree Lokur:

- a. Keep the skeleton of first year, second year and third year syllabus ready as per plan so that all the members can understand the flow of information.
- b. Primer design is very difficult for SY students to understand. Only introduction can be included.
- c. Keep the objectives of the department and college in mind while designing the syllabus.
- d. Include the traditional food in theory.
- e. Try to include syllabus that will focus on ability or skill enhancement.

By Dr. Abhishek Mule:

- a. Syllabus skeleton for all three years is required.
- b. Inclusion of Genetic problem solving is a good idea!
- c. Covering too much in-depth topic in limited time span becomes difficult for teachers.
Thus, in order to keep the fun during learning, syllabus may be kept concise.

By Dr. Lolly Jain:

- a. Primer design is very difficult for SY students to understand, also the practicals in this regard are not feasible.
- b. Reframe unit on rDNA technology.
- c. Bring the level of the syllabus little down.
- d. Air microbiology – Experiments that are deleted like air sampling should actually be included.
- e. Diagnostic cycle can go in Third year in medical microbiology.
- f. English communication can be included as a certificate course rather than being included as a part of syllabus. The syllabus may focus only on scientific writing. This unit can also be supported by actual 2-3 months small project.

By Dr. Annamma Odaneth:

- a. Focus on sequencing technology, then enzymes required, then approach how DNA can be mixed and match. Thus, just give them the basics of concept and why recombinant DNA is required.
- b. Do not include things only for competitive examinations. It is altogether student's purview how to study for those examinations.
- c. Include concepts of viral genetics instead as it goes more with the subject.
- d. Include introduction to mendelian genetics but do not cover it in detail.
- e. Air sampling analytical techniques will be required with respect to research that they would take up later.

It was resolved that all the valuable suggestions given by the experts will be implemented in the syllabus.

8. Vote of thanks: The meeting concluded with vote of thanks by Dr. Jayashree Pawar.

Approved

Place: Thane

Date: 1st April 2021

Chairperson

Dr. Kalpita Mulye