



Anekant Education Society's

**Tuljaram Chaturchand College  
of Arts, Science, Commerce, Baramati  
(Autonomous)**

**DEPARTMENT OF MICROBIOLOGY**

(Faculty of Science and Technology)

**Minutes of Board of Studies Meeting No. 4**

**Date of Meeting: 07/12/2021**

**Venue: Department of Microbiology**

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**December, 2021**

Aekant Education Society's  
TuljaramChaturchandCollege, Baramati  
Department of Microbiology

NOTICE

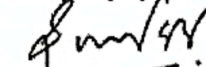
Date: - 25/11/2021

An Online meeting of BOS members of Microbiology is scheduled on 07<sup>th</sup> Dec 2021 at 12.30 onwards. All BOS members are requested to attend the meeting.

*The agenda of meeting is as follows.*

1. To confirm the minutes of the previous meeting held on 15/04/2021.
2. To design the syllabus for T. Y. B.Sc. class Sem-VI (2019 pattern).
3. To discuss and incorporate the relevant feedbacks of the stakeholders (Students, Teachers, Parents, alumni, and employers) in the curriculum.
4. Any other matter with the permission of the chair.

Yours faithfully



Dr. S. T. Pawar

Chairman BOS in Microbiology.

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Tuljaram Chaturchand College, Baramati  
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Department of Microbiology

**AGENDA OF THE MEETING**

The agenda of the meeting included the following subjects:

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**List of Members Present for the BOS Meeting**

The following internal and external BOS member's has attended the Board of Studies (Microbiology) meeting held on 7<sup>th</sup>December, 2021.

Sr. No.	Name of Member	Designation
1.	<b>Dr. Sunil Pawar</b> Associate Professor, Department of Microbiology, T. C. College, Baramati.	Chairman
2.	<b>Dr. Milind Gajbhiye</b> Associate Professor, Department of Microbiology, T. C. College, Baramati.	Member
3.	<b>Dr. Mrs. Yogini Mulay</b> Associate Professor, Department of Microbiology, T. C. College, Baramati.	Member
4.	<b>Mr. Dhaval Doshi</b> Assistant Professor, Department of Microbiology, T. C. College, Baramati.	Member
5.	<b>Ms. Komal Jagtap</b> Assistant Professor, Department of Microbiology, T. C. College, Baramati.	Member
6.	<b>Ms. Archana Pavale</b> Assistant Professor, Department of Microbiology, T. C. College, Baramati.	Member
7.	<b>Ms. Sheetal Owai</b> Assistant Professor, Department of Microbiology, T. C. College, Baramati.	Member
8.	<b>Mr. Amarsinh Bhosale</b> Assistant Professor, Department of Microbiology, T. C. College, Baramati.	Member

## MINUTES OF THE MEETING

Concerning the Notice dated 25/11/2021, issued by the college, the meeting of Board of Studies in Microbiology was held on 7<sup>th</sup> December, 2021 at 11:30 am in the Department of Microbiology, T. C. College, Baramati. The meeting was conducted adhering to the guidelines and protocols set by the college. Dr. Sunil Pawar, Chairman of the BoS in Microbiology, welcomed all the members followed by introductory words considering the objectives of the meeting.

The issues concerning the agenda of the meeting were discussed considering the suggestions received through online mode from Dr. Pravin Puranik (Professor, School of Life Sciences, North Maharashtra University, Jalgaon; Expert from other University), Dr. Rajashree Patwardhan (Associate Professor, H.V. Desai College, Pune) and Mr. Vipul Nilkanth. The details of agenda-wise discussion of the meeting are shown below.

### **1. To confirm the minutes of the BOS meeting held on 15/04/2021.**

Dr. M. H. Gajbhiye read the minutes of the BOS meeting held on 15/04/2021 and put forward to the BOS members for the approval.

*Resolution No. 1:* The minutes of the previous Board of Studies meeting were approved and confirmed.

### **2. To design the syllabus for T. Y. B. Sc. Sem II (2019 Pattern).**

The basic draft of Syllabus of T.Y.BSc Sem-VI - MICRO3601: Medical Microbiology II, MICRO3602 Genetics and Molecular Biology II, MICRO3603 Metabolism, MICRO3604 Immunology-II, MICRO3605, Fermentation Technology-II, MICRO3606 Agricultural and Environmental Microbiology

Practical Course – IV, Biochemistry and Molecular Biology MICRO3607, Practical Course-II- Haematology and Diagnostic Immunology MICRO3608, Practical course-VI – Project MICRO3609 was discussed and prepared by Dr.S.T.Pawar, Dr.Y.R.Mulay, Dr.M.H.Gajbhiye, Miss.S.P.Owal. Mrs. Archana Palave, Mrs. Priti Bhosale This syllabus was sent by E-mail to all the members of BoS, fifteen days before the scheduled BoS meeting.

### Suggestions and comments on the T. Y. B. Sc. Microbiology Syllabus

By Dr. Rajashree Patwardhan

1. References should be incorporated in all T. Y. B.Sc. theory and practical papers.
2. Proper formatting is required for all the papers.
3. Overall syllabus is good. The core content of each paper is strong and complete.

By Mr. Vipul Nilkanth

I have gone through the topics of the various courses of the T.Y.B.Sc Microbiology syllabus and it seems very suitable and adequate for the T.Y.B.Sc Microbiology level. I have made suggestions in few subjects as detailed in the file attached with this email. Overall, the topics covered under most of the theory and practical courses seem very suitable and adequate for

the T.Y.B.Sc syllabus. I have made some suggestions for two subjects as stated below.

Paper Code: MICRO: 3601

Paper: Theory Paper Title: MEDICAL MICROBIOLOGY – II

Unit 1. Introduction to Chemotherapy:

A topic on Lipinski's rule of five can be added.

Paper Code: MICRO3605

Paper: Theory Title: FERMENTATION TECHNOLOGY – II

The topic on genetic modification of microbes for optimal production of intermediate molecules through fermentation may be added.

By Dr. Puranik P. R.

I have gone through the modified version of TYBSc Sem VI syllabus and found it to be correct and justifiable. There are two blank pages left after the theory courses. These can be deleted.

From my side this version of syllabus is suitable to be accepted and released for students. I appreciate the efforts taken by you and your staff members and have addressed all suggestions received at the meeting very positively.

The content of syllabi is appropriate as per the respective title of paper.

I anticipate that the syllabi of various papers will be compiled and edited maintaining the uniform formatting in a single file. Certain spellings errors can be corrected.

As a member of 'Board of Studies' in Microbiology at T.C. College, Baramati I approve the content of syllabi and recommend for its implementation.

All the BoS members discussed the syllabus throughout and approved it after the inclusion of appropriate comments. Also, the students' feedback was collected, and appropriate suggestions were incorporated in the syllabus

The syllabus was discussed meticulously and the curriculum of the following courses was finalized as shown below.

(Microbiology) Meeting No. 4

**Syllabus and academic framework of TYBScSem II (2019 Pattern)**

Class	Pattern	Semester	Course Code	Course Title	Course Type	Number of Credits
T.Y.B.Sc.	2019	VI	MICRO3601	Medical Microbiology II	Theory	3
T.Y.B.Sc.	2019	VI	MICRO3602	Genetics and Molecular Biology II	Theory	3
T.Y.B.Sc.	2019	VI	MICRO3603	Metabolism	Theory	3
T.Y.B.Sc.	2019	VI	MICRO 3604	Immunology-II	Theory	3
T.Y.B.Sc.	2019	VI	MICRO3605	Fermentation Technology-II	Theory	3
T.Y.B.Sc.	2019	VI	MICRO3606	Agricultural and Environmental Microbiology	Theory	3
T.Y.B.Sc.	2019	VI	MICRO3607	Biochemistry and Molecular Biology	Practical	2
T.Y.B.Sc.	2019	VI	MICRO3608	Haematology and Diagnostic Immunology	Practical	2
T.Y.B.Sc.	2019	VI	MICRO3609	Project	Project	2
						Total=24

All the BoS members discussed the syllabus throughout and approved it after the inclusion of appropriate comments.

**Resolution No. 2:** The syllabus and academic framework of TYBSc Sem II (2019 Pattern) has been unanimously approved by all members of the BOS.

**3. To discuss and incorporate the relevant feedbacks of the stakeholders (Students, Teachers, Parents, alumni, and employers) in the curriculum.**

**From Student:** Students appreciated the diverse range of subjects, including Medical Microbiology, Genetics, Metabolism, Immunology, and others, providing a comprehensive understanding of microbiology.

**From Teacher:** The specificity of each course, allowing for in-depth coverage. The inclusion of practical courses enhances hands-on learning.

**From Parent:** The syllabus positively as it covers a wide range of microbiology topics, potentially preparing students for various career paths in the field.

**From Alumni:** Alumni appreciated the practical courses, as they could provide valuable skills applicable in the workforce. The inclusion of a project might be seen as a practical application of knowledge.

**From Employer:** The focus on practical skills, especially in areas like fermentation technology and environmental microbiology. The inclusion of a project might indicate the ability to apply knowledge in real-world scenarios.

**Resolution No. 3:** Feedback was collected by the entire stakeholder & was incorporated in the syllabus.

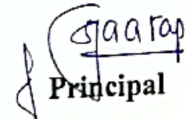
The meeting of BOS concluded with the vote of thanks by Prof. M. H. Gajbhiye.

  
**Chairman**  
**Board of Studies**

**HEAD**  
**Department of Microbiology**  
**Tuljaram Chaturchand College**  
**Baramati, Dist. Poona**

  
**IQAC**  
**Coordinator**

**Coordinator**  
Internal Quality Assurance Cell  
Tuljaram Chaturchand College of  
Eng, Science and Commerce,  
Baramati (Pune)-413102

  
**Principal**

**Principal**  
**Tuljaram Chaturchand College**  
**Baramati**