



Anekant Education Society's

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

**DEPARTMENT OF MICROBIOLOGY**

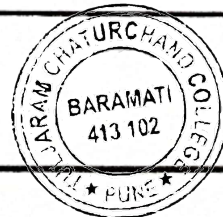
(Faculty of Science and Technology)

**Minutes of Board of Studies Meeting No.7**

**Date of Meeting: 10/04/2023**

**Venue: Department of Microbiology**

**April, 2023**



Aekant Education Society's  
Tuljaram Chaturchand College, Baramati  
Department of Microbiology

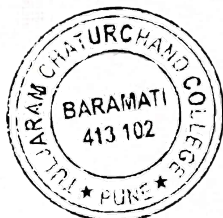
NOTICE

Date: - 06/04/2023

A meeting of BoS member of Board of Studies in Microbiology is scheduled on Monday 10<sup>th</sup> April 2023 at 11:30 am to 5:30 pm. All are requested to attend the meeting.

*The agenda of meeting is as follows.*

1. To confirm the minutes of the previous meeting held on 06/04/2022.
2. Restructuring of the syllabus for F.Y.B.Sc. -Sem II (2022 pattern).
3. To design the syllabus of T.Y.BSc elective courses (2022 Pattern).
4. Restructuring of the syllabus for MSc-I Sem II 2022 pattern.
5. To design the syllabus of Credit Course for M.Sc. I (2022 Pattern).
6. To discuss and incorporate the relevant feedbacks of the stakeholders (Students, Teachers, Parents, alumni, and employers) in the curriculum.
7. Any other matter with the permission of the chair.



Yours faithfully  
  
Dr. S.T. Pawar  
Chairman BOS in Microbiology.



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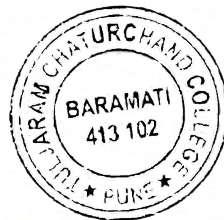
Department of Microbiology

**AGENDA OF THE MEETING**

The agenda of the meeting included the following subjects:

Agenda of Meeting:

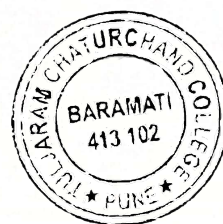
1. Reading and approval of minutes of last BoS meeting.
2. Restructuring of the syllabus for S.Y.B.Sc. Sem-III (2022 pattern).
3. Restructuring of the syllabus for MSc-II Sem-III (2022 pattern).
4. To discuss and incorporate the relevant feedbacks of the stakeholders (Students, Teachers, Parents, alumni, and employers) in the curriculum.
5. Any other matter with the permission of the chair.



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

The following internal and external BOS members has attended the Board of Studies (Microbiology) meeting held on 10<sup>th</sup> April, 2023.

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. Priti Bhosale</b> Assistant Professor, Department of Microbiology, T. C. College, Baramati.	Member
7.	<b>Dr. Snehal Kulkarni</b>	Expert from SPPU
8.	<b>Dr. AV Petkar</b>	Expert from other University
9.	<b>Mr. Pradip Lonkar</b>	Industry Expert
10.	<b>Ms. Prakjakta Markale</b>	Student representative
11.	<b>Ms. Chaitrali Pathak</b>	Student representative





## MINUTES OF THE MEETING

Concerning the Notice dated 6<sup>th</sup> April 2023, issued by the college, the meeting of Board of Studies in Microbiology was held on 10<sup>th</sup> April 2023 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. S.T. Pawar, Chairman, BoS welcomed the members and presented the agenda of meeting. The basic draft of syllabi was emailed to all the BoS members on 5<sup>th</sup> April 2023 and accordingly, the members sent the suggestions by email.

### 1. To confirm the minutes of the BOS meeting held on 6<sup>th</sup> October 2022.

Dr. M. H. Gajbhiye read the minutes of the BOS meeting held on 6<sup>th</sup> October 2022 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. Restructuring of the syllabus for S.Y.B.Sc. - Sem III (2022 pattern).

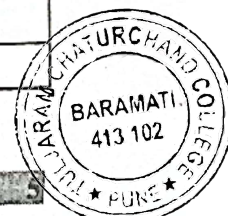
Along with the suggestions of members, the draft of the syllabus of S.Y.B.Sc. Sem III – USMB231: BACTERIAL SYSTEMATICS AND PHYSIOLOGY was presented by Ms. Kajal Gaikwad. The draft of USMB232: FUNDAMENTALS OF SOIL AND INDUSTRIAL MICROBIOLOGY and Practical course: USMB233 was presented by Dr. Y. R. Mulay.

A new course USMB232: FUNDAMENTALS OF SOIL AND INDUSTRIAL MICROBIOLOGY was introduced.

The syllabi were discussed among members and finalized. The suggestions received are as follows: i. include the concept of pH and buffer in USMB232 ii. include the types of bioreactors in USMB232 iii. include learning objectives and learning outcomes in USMB232 iv. remove the grammatical errors, correct punctuation etc.

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

Class	Pattern	Semester	Course Code	Course Title	Course Type	Number of Credits
S.Y.B.Sc.	2022	III	USMB231	Bacterial Systematics and Physiology	Theory	2
S.Y.B.Sc.	2022	III	USMB232	Fundamentals Of Soil and Industrial Microbiology	Theory	2
S.Y.B.Sc.	2022	III	USMB233	Practical course I	Practical	2



The student's feedback was collected from the alumni and students were incorporated in the syllabus.

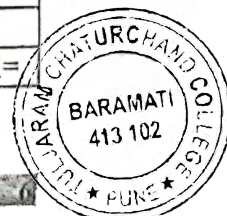
**Resolution No. 2:** The syllabus and academic framework of SYBSc (2022 Pattern) has been unanimously approved by all members of the BOS.

**3. To design the syllabus of MSc II Sem III (2022 Pattern).**

The basic draft of the syllabi of MSc II Sem III, PSMB231: IMMUNOLOGY, PSMB232: MOLECULAR BIOLOGY I, PSMB233: INDUSTRIAL WASTEWATER TREATMENT, PSMB234 (A): BIOPHYSICAL TECHNIQUES, PSMB234 (B): DEVELOPMENTAL BIOLOGY, PSMB235: Practical course based on Immunology, Pharmaceutical Microbiology and Industrial wastewater treatment, PSMB236: Practical course based on Molecular Biology and Microbial Technology, were presented by Mr. D.V. Doshi, Ms. Komal Jagtap, Ms. Prajakta Markale, Ms. Kajal Gaikwad and Sneha Mane. The syllabi were discussed among members and finalized. The suggestions given by members are as follows: i. Add 'model organisms' in first subtopic in PSMB235 ii. add the subtopic 'waste from biopharma industry' in PSMB234.

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

Class	Pattern	Semester	Course Code	Course Title	Course Type	No. of Credits
M.Sc.	2022	III	PSMB231	Immunology	Theory	4
M.Sc.	2022	III	PSMB232	Molecular Biology I	Theory	4
M.Sc.	2022	III	PSMB233	Industrial waste water treatment	Theory	4
M.Sc.	2022	III	PSMB234 (A)	Biophysical Techniques	Theory	4
M.Sc.	2022	III	PSMB234 (B)	Developmental Biology	Theory	4
M.Sc.	2022	III	PSMB235	Practical course based on Immunology, Pharmaceutical Microbiology and Industrial waste water treatment	Practical	4
M.Sc.	2022	III	PSMB236	Practical course based on Molecular Biology and Microbial Technology	Practical	4
M.Sc.	2022	III	SD23	Skill development I		2
						Total=





The student's feedback was collected from the alumni and students were incorporated in the syllabus.

**Resolution No. 3:** The syllabus of M.Sc. II Sem III (2022 Pattern) has been unanimously approved by all members of the BOS.

Following suggestions and comments were received online from:

*Prof. TA Kadam:*

*Dear sir,*

*B.Sc. and M.Sc. syllabus drafted by BoS have clearly defined learning objectives and outcomes. The essential test books and reference books are listed for every paper. The content of the syllabus is progressive semester-wise, so this will help for proper understanding and applying it for gaining additional knowledge and skills as industry and research organisation demands from microbiology graduates. The overall syllabus is the best and benefit microbiology students of TC college Baramati.*

*With regards*

*Prof. T A Kadam*

*SRTMUN*

*From Mr. Vipul Nilkanth*

*Dear Sir, I will not be able to participate in the B.Sc. and M.Sc. syllabus designing exercise this time due to my other work commitments. I have joined another position outside Maharashtra state and therefore it is difficult for me to actively contribute to the important exercise of designing the syllabi of B.Sc. and M.Sc. courses of your college. I would therefore like to resign from the position of Member of Board of studies (BOS) of your college. I extend my sincere apologies for responding late to your email as I was busy with other commitments.*

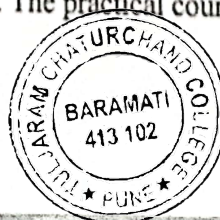
*Thanking You,*

*Vipul V. Nilkanth*

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

➤ **Feedback received for the syllabus of S.Y.BSc Sem III (2022 Pattern).**

**From Student:** The focused topics like Bacterial Systematics and Industrial Microbiology could provide a solid foundation. The practical course adds hands-on experience.





**From Teachers:** Teachers appreciated the focused nature of the syllabus, allowing for in-depth coverage of specific topics. Practical courses are valuable for active learning.

**From Parent:** The syllabus as a manageable and focused introduction to microbiology. Practical courses could be viewed as essential for skill development.

**From Alumni:** Alumni appreciated the practical exposure gained in the third semester, preparing them for further studies or career paths in microbiology.

**From Employer:** Employer valued the practical skills gained in Bacterial Systematics and Industrial Microbiology, as they align with potential industry needs.

➤ **Feedback received for the syllabus of M.Sc Sem-III (2022 Pattern).**

**From Student:** Students appreciated the diverse and comprehensive nature of the syllabus, covering Immunology, Molecular Biology, Industrial Waste Water Treatment, Biophysical Techniques, and Developmental Biology.

**From Teacher:** Teachers found the syllabus well-structured and covering a wide range of relevant topics. The inclusion of practical courses and skill development aligns with effective teaching methodologies.

**From Parent:** Parents viewed the comprehensive nature of the syllabus positively, potentially preparing their children for various career paths. Skill development courses could be seen as valuable for future employment.

**From Alumni:** Alumni appreciated the practical exposure gained through the dissertation and practical courses, preparing them for real-world applications. The inclusion of skill development courses could be seen as beneficial for career advancement.


**From Employer:** Employers may value the practical skills gained through the dissertation, practical courses, and skill development components. The broad range of theoretical subjects could prepare graduates for diverse roles in the industry.

**Resolution No. 4:** Feedback was collected by the entire stakeholder & was incorporated in the syllabus.

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

In all, the committee reached a consensus that the content of the syllabi is appropriate as per the respective title of the paper. The chairman assured that the syllabi of various papers will be compiled and edited maintaining the uniform formatting in a single file.

The meeting was concluded with the permission of Hon. Chairman followed by a vote thanks by Prof Dhawal Doshi.



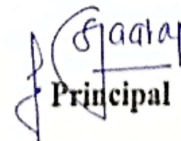
Chairman  
Board of Studies  
HEAD

Department of Microbiology  
Tuljaram Chaturchand College  
Baramati, Dist. Poona



IQAC  
Coordinator

Coordinator  
Internal Quality Assurance Cell  
Tuljaram Chaturchand College of  
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Principal

Principal  
Tuljaram Chaturchand College  
Baramati

