



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.8

Date of Meeting: 09/06/2023

Venue: Department of Microbiology

June, 2023



Anekant Education Society's
TuljaramChaturchandCollege, Baramati
Department of Microbiology

NOTICE

Date: - 06/06/2023

An Online meeting of BoS members of microbiology is scheduled on 9th June 2023 at 12:30 pm onwards. All are requested to attend the meeting.

The agenda of meeting is as follows.

1. Reading and approval of minutes of last BoS meeting 10/04/2023
2. To design the academic framework for B.Sc program and syllabus of F. Y. B.Sc. Semester I with reference to CBCS National Education Policy 2020 to be implemented from June 2023.
3. To design the academic framework for M.Sc program and finalize the syllabus of M.Sc. Part I Semester I with reference to CBCS National Education Policy 2020 to be implemented from June 2023.
4. To approve the courses listed in SWAYAM programme for S.Y.B.Sc. and T.Y.B.Sc. Students under certificate courses.
5. To discuss and incorporate the relevant feedbacks of the stakeholders (Students, Teachers, Parents, alumni, and employers) in the curriculum.
6. Any other matter with the permission of the chair.



Yours faithfully

Dr. S.T. Pawar

Chairman BOS in Microbiology.

Anekant Education Society's
Tuljaram Chaturchand College, Baramati
(Autonomous)

Department of Microbiology

AGENDA OF THE MEETING

The agenda of the meeting included the following subjects:

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6. 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 9th June, 2023 that was conducted through online mode.

Sr.No.	Name of Member	Designation
1.	Dr. Sunil Pawar Associate Professor, Department of Microbiology, T. C. College, Baramati.	Chairman
2.	Dr. Milind Gajbhiye Associate Professor, Department of Microbiology, T. C. College, Baramati.	Member
3.	Dr. Mrs. Yogini Mulay Associate Professor, Department of Microbiology, T. C. College, Baramati.	Member
4.	Mr. Dhaval Doshi Assistant Professor, Department of Microbiology, T. C. College, Baramati.	Member
5.	Ms. Komal Jagtap Assistant Professor, Department of Microbiology, T. C. College, Baramati.	Member
6.	Ms. Priti Bhosale Assistant Professor, Department of Microbiology, T. C. College, Baramati.	Member
7.	Dr. Snehal Kulkarni	Expert from SPPU
8.	Dr. AV Petkar	Expert from other University
9.	Dr. TA Kadam	Expert from other University
10.	Ms. Pooja Jamdade	Student representative
11.	Ms. Chaitrali Pathak	Student representative



MINUTES OF THE MEETING

Concerning the Notice dated 6th June 2023, issued by the college, the meeting of Board of Studies in Microbiology was held on 9th June 2023 at 12:30 pm in the Department of Microbiology, T. C. College, Baramati. This meeting of BoS members in Microbiology was conducted through online mode using Google meet on 9th June 2023. 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.

1. To confirm the minutes of the BOS meeting held on 10th April 2023.

Dr. M. H. Gajbhiye read the minutes of the BOS meeting held on 10th April 2023 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 and to design academic framework of B.Sc program & the syllabus for F.Y.B.Sc. - Sem I & II

The preliminary draft of the syllabus of FYBSc Semester I was prepared with reference to National Education Policy (2020) guidelines. In all, the syllabus of eight papers was prepared that included five theory and three practical papers. Prof. MH Gajbhiye, Dr. Yogini Mulay, Mr. Dhawal Doshi and Mrs Priti Bhosale prepared the basic draft of syllabus of Semester I of FYBSc. The syllabus was also sent by mail to all the members of BoS.

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

Course structure for F.Y.B.Sc Microbiology (2023 NEP pattern)

Class	Pattern	Semester	Course Code	Course Title	Course Type	Number of Credits
F.Y.B.Sc.	NEP 2020	I	MIB-101-MJM	Introduction to Microbiology	Theory	2
F.Y.B.Sc.	NEP 2020	I	MIB-102-MJM	Basic Techniques in Microbiology	Theory	2
F.Y.B.Sc.	NEP 2020	I	MIB-103-MJM	Laboratory Procedures in Microbiology	Practical	2
F.Y.B.Sc.	NEP 2020	I	MIB-116-OE	Microorganisms for Human Welfare	Theory	2



F.Y.B.Sc.	NEP 2020	I	MIB-117-OE	Food, Agricultural and Pharmaceutical Microbiology	Practical	2
F.Y.B.Sc.	NEP 2020	I	MIB-121-VSC	Agricultural Microbiology	Theory	2
F.Y.B.Sc.	NEP 2020	I	MIB-126-SEC	Microbiology Laboratory Techniques	Practical	2
F.Y.B.Sc.	NEP 2020	I	MIB-137-IKS	Ethno-Microbiology	Theory	2
F.Y.B.Sc.	NEP 2020	II	MIB-151-MJM	Basic Biochemistry and Bacterial Cytology	Theory	2
F.Y.B.Sc.	NEP 2020	II	MIB-152-MJM	Fundamental Microbiology	Theory	2
F.Y.B.Sc.	NEP 2020	II	MIB-153-MJM	Techniques in Microbiology	Practical	2
F.Y.B.Sc.	NEP 2020	II	MIB-161-MN	Basic Medical Microbiology	Theory	2
F.Y.B.Sc.	NEP 2020	II	MIB-166-OE	Food Microbiology	Theory	2
F.Y.B.Sc.	NEP 2020	II	MIB-167-OE	Bio-fertilizer Production (Practical)	Practical	2
F.Y.B.Sc.	NEP 2020	II	MIB-171-VSC	Agriculture Microbiology (Practical)	Practical	2
F.Y.B.Sc.	NEP 2020	II	MIB-176-SEC	Clinical Pathology (Practical)	Practical	2
						Total=32

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

Resolution No. 2: The syllabus of FYBSc (NEP Pattern) has been unanimously approved by all members of the BOS.



3. To design the academic framework of M.Sc program and syllabus of MSc Part I (NEP Pattern).

The preliminary draft of M.Sc. I was prepared by Mr. Dhawal Doshi and Ms. Komal Jagtap. The syllabus was also sent by mail to all the members of BoS. Mr. Dhawal Doshi presented the credit distribution structure for MSc I in the first session of the meeting.

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

Course structure for M.Sc-I Microbiology (2023 NEP pattern)

Class	Pattern	Semester	Course Code	Course Title	Course Type	No. of Credits
M.Sc.	NEP 2020	I	MI-501-MJM	Instrumentation	Theory Major (Mandatory)	4
M.Sc.	NEP 2020	I	MI-502-MJM	Microbial Technology	Theory Major (Mandatory)	4
M.Sc.	NEP 2020	I	MI-503-MJM	Practical Course I	Practical Major (Mandatory)	2
M.Sc.	NEP 2020	I	MI-504-MJM	Practical Course II	Practical Major (Mandatory)	2
M.Sc.	NEP 2020	I	MI-511-MJE(A)	Biochemistry	Theory Major (Elective)	4
M.Sc.	NEP 2020	I	MI-511-MJE(B)	Ecology	Theory Major (Elective)	4
M.Sc.	NEP 2020	I	MI-511-MJE(C)	Medical Microbiology	Theory Major (Elective)	4
M.Sc.	NEP 2020	I	MI-521-RM	Research Methodology	Theory RM	4
						Total= 28
M.Sc.	NEP 2020	II	MI-551-MJM	Pharmaceutical Microbiology	Theory Major (Mandatory)	4
M.Sc.	NEP 2020	II	MI-552-MJM	Industrial Waste water treatment	Theory Major (Mandatory)	4



M.Sc.	NEP 2020	II	MI-553-MJM	Practical Course III	Practical Major (Mandatory)	2
M.Sc.	NEP 2020	II	MI-554-MJM	Practical Course IV	Practical Major (Mandatory)	2
M.Sc.	NEP 2020	II	MI-561-MJE(A)	Virology	Theory Major (Elective)	4
M.Sc.	NEP 2020	II	MI-561-MJE(B)	Biophysical techniques	Theory Major (Elective)	4
M.Sc.	NEP 2020	II	MI-561-MJE(C)	Developmental Biology	Theory Major (Elective)	4
M.Sc.	NEP 2020	II	MI-581-OJT/FP	On job training/Field projects	Training/Project OJT/FP	4
						Total=28
						Grand total=56

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

Resolution No. 3: The syllabus of M.Sc. I Sem I (NEP 2020 Pattern) has been unanimously approved by all members of the BOS.

All the BoS members discussed the syllabus throughout and approved it after the inclusion of appropriate comments. Also, the student's 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.

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4. To approve the courses listed in SWAYAM programme for S.Y.B.Sc. and T.Y.B.Sc. students under certificate courses.

With reference to the agenda regarding the approval of courses listed in SWAYAM programme of Govt. of India, for students of SYBSc (2022 Pattern) and TYBSc (2019



Pattern), the committee members granted approval to the selection of courses by the concerned students.

Resolution No. 4: The committee members have granted approval to the selection of courses from SWAYAM portal by the concerned students.

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.

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

➤ **Feedback received for syllabus framework of B.Sc program (2023 pattern):**

Students: The balance between theory and practical courses allows for a holistic learning experience. The variety of practical courses, such as Laboratory Procedures in Microbiology and Clinical Pathology, enhances hands-on skills.

Teachers: The distribution of credits seems reasonable, ensuring that the workload is distributed effectively. The inclusion of practical courses supports the application of theoretical knowledge.

Parents: The practical components contribute to skill development and hands-on experience.

Alumni: The syllabus appears to cover a wide range of topics that are relevant to real-world applications. The practical courses, especially those related to industry practices, contribute to practical skills.

Employers: The practical components, such as laboratory procedures and clinical pathology, could contribute to graduates' readiness for the workforce. The diverse topics covered in the syllabus suggest a well-rounded understanding of microbiology.

➤ **Feedback received for syllabus framework of M.Sc program (2023 pattern)**

Students: The mix of mandatory and elective courses allows students to tailor their learning experience. The inclusion of Research Methodology and On-job Training/Field Projects enhances practical and research skills.

Teachers: The syllabus balances mandatory and elective courses, providing flexibility in teaching approaches. The inclusion of Research Methodology prepares students for research work.



Parents: The inclusion of On-job Training/Field Projects suggests a practical approach to learning.

Alumni: The practical orientation of the syllabus, including On-job Training/Field Projects, aligns with real-world experiences.

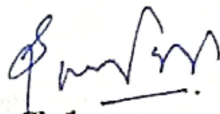
Employers: The syllabus covers both mandatory and elective courses, providing students with a well-rounded skill set.

Resolution No. 5: 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 permission of Hon Chairman followed by vote of thanks by Dr. M. H. Gajbhiye.



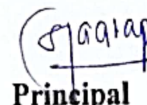
Chairman
Board of Studies
HEAD

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Principal

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