

SOPHIA COLLEGE FOR WOMEN (AUTONOMOUS)
MINUTES OF THE ONLINE BOARD OF STUDIES (MICROBIOLOGY) MEETING
HELD ON 21ST OCTOBER 2023.

Platform- ZOOM

Zoom link: <https://zoom.us/j/6925783611>

Meeting ID: 692 578 3611

Topic: BOS meeting, Dept. of Microbiology

Time: Oct 21, 2023 11:50 AM

Board of Studies members-

Sr no.	Name	Designation
1.	Dr Anuradha Pendse	Vice Chancellor's nominee
2.	Dr. Vikrant Bhor	Expert from non-parent University (ICMR- NIRRH)
3.	Dr. Manju Sharma	Expert from non-parent University (ICT Matunga) - granted leave of absence
4.	Dr Girish Mahajan	Industry expert
5.	Ms. Martina Gomes	Meritorious alumna

Staff Members -

Sr. No.	Name	Designation
1.	Dr. (Ms) Arjumanara Surti	Chairperson and Head, Department of Microbiology Associate Professor
2.	Dr. (Ms) Rajbinder Kaur Dehiya	Associate Professor
3.	Ms. Shraddha Prabhu	Assistant Professor
4.	Mr. Vijay Vig	Assistant Professor
5.	Ms Swamini Patade	Assistant Professor
6.	Ms Priyanka Mithbawkar	Assistant Professor
7.	Ms Aafreen Ansari	Assistant Professor

AGENDA:

1. To read and pass the minutes of the previous BOS meeting held on 10th June 2023.
2. To pass FYBSc syllabus for the 2023-2024 Semester II under NEP
3. To pass MSc-I syllabus for the 2023-2024 Semester II under NEP
4. To inform about the examination pattern for both FYBSc and MSc-I

Minutes of the previous BOS meeting held on 10th June 2023 were presented and passed.

Proposed by - Dr. Anuradha Pendse

Seconded by - Dr. Vikrant Bhor

FYB.Sc Semester 2 syllabus and assessment pattern (DSC, VSC 1 and 2) under NEP was presented. Dr. Vikrant Bhor suggested specifying the microorganism (bacteria or yeast) which will be used for the measurement of dimension for the DSC practical on micrometry as well as including sauerkraut fermentation under VSC 2 practicals. The change for micrometry was incorporated. Dr. Surti replied that since the practical duration is 2 hours only, it will be difficult to conclude practicals on sauerkraut fermentation within the practical sessions.

Dr. Bhor also suggested that yogurt could be included. Dr Dehiya mentioned that yogurt is covered in SYBSc Semester 4 Paper 2 under Dairy microbiology.

FYBSc syllabus was passed

Proposed by - Dr. Vikrant Bhor

Seconded by - Dr. Anuradha Pendse

The assessment pattern for FY under NEP 2020 for Semester II was presented - Dr Bhor enquired whether the students are aware of the assessment schedule. Dr. Surti informed that the Timetable for Internal assessment is displayed well in advance. He also enquired whether VSC is offered by all departments/ students and whether there are students who do not manage to clear the regular exam and therefore need to appear for ATKT examinations. Dr. Surti explained that FYBSc students continue to focus on NEET preparation and neglect classes and practicals consequently do not manage to clear regular exams. With this discussion the FYBSc assessment pattern under NEP 2020 for Semester 2 was passed.

Proposed by - Dr. Anuradha Pendse

Seconded by - Dr. Vikrant Bhor

The M.Sc 1 Semester 2 syllabus was presented

Mandatory Paper 1 (Cell Biology and Virology -II) Unit 1- Dr Vikrant Bhor- inquired whether students have been introduced to virology earlier and whether the clinical significance is being conveyed to students as vaccines are available for these. It was explained to him that the medical aspects and vaccines are explained in the Medical microbiology paper which is shifted now to MSc-II. This paper covers the molecular biology, and life cycle of viruses.

Dr Bhor suggested that the practicals should be connected with the topic covered and current affairs of each virus to be included before covering the life cycle. It was explained to him that introduction to each virus is also covered along with the structure and life cycle.

Dr Bhor enquired about references for Unit 4 on Signaling, communication and programmed cell death subtopic (e) onwards. Dr. Dehiya and Mr Vig replied that review articles are included as references for these topics.

Dr. Bhor recommended the addition of synthesis-based DNA sequencing methods, specifically Sanger sequencing and next-generation sequencing (NGS), to the mandatory paper 2 syllabus. He also suggested including R programming under the unit on Bioinformatics.

The assessment pattern for M.Sc I under NEP 2020 for Semester II was presented Assessment was presented and passed.

Regarding On Job Training (OJT) which is a part of Semester 2 for 4 credits, the BOS members were informed that students will need to put in about 60 hours of training at an external agency. In order to successfully accumulate these credits, students will have to produce a letter from the concerned agency, where they have undergone the training.

With this discussion the MSc syllabus was passed.

Proposed by - Dr Vikrant Bhor
Seconded by – Dr Girish Mahajan

The assessment pattern for M.Sc I Semester 2 under NEP 2020 was also passed.

Proposed by- Ms. Martina Gomes
Seconded- Dr. Anuradha Pendse

Add-on course: The department has not thought about the topic of Add-on course so far.

Dr Surti said that the department offers a PhD programme and that she is a University of Mumbai registered Ph.D. guide. Six students are working under her guideship. Of these four have registered and three out of those four have finished course work. These four students are completing laboratory work currently. The remaining two students are writing research proposals which will be submitted to the University in due course of time.

Dr Mahajan enquired whether these students are NET /SET qualified. Dr Surti replied that two of them have qualified. He also enquired how many students are full time and regarding guidelines for part time Ph.D. Dr Surti informed them that there are 2 experts who monitor the progress. The University has mandated that the synopsis need to be submitted within 6 semesters.

The meeting ended here.

Minutes prepared by: Dr. Rajbinder Kaur Dehiya and Mr. Vijay Vig

Edited by:

Dr Arjumanara Surti,

Associate Professor and Head,

Department of Microbiology

Sophia College for Women (Autonomous)

DEPARTMENT OF MICROBIOLOGY
SOPHIA COLLEGE FOR WOMEN (AUTONOMOUS), MUMBAI







RESOLUTION FOR APPROVAL OF SYLLABI (BoS, 21.10.23)


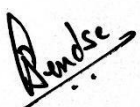


The FYBSc syllabus Semester II, MSc-I syllabus Semester II for the AY 2023-2024 under the proposed NEP structure 2020 and the examination pattern for both FYBSc and MSc-I has been approved by the Board of Studies in Microbiology, SOPHIA COLLEGE FOR WOMEN (Autonomous), at the online meeting held on 21st October, 2023 using zoom platform.

All of the above will be implemented for the academic year 2023-2024.

BOARD OF STUDIES

DEPARTMENT OF MICROBIOLOGY

Representation	Name	Affiliation	Signature
Chairperson: Head of the Department	Dr.(Ms).Arjumanara Surti	Associate Professor Head, Sophia College for Women	
Department faculty members	Dr.(Mrs) Rajbinder Dehiya	Associate Professor, Sophia College for Women	
	Ms.Shraddha Prabhu	Assistant Professor, Sophia College for Women	
	Mr.Vijay Vig	Assistant Professor, Sophia College for Women	
	Ms Swamini Patade	Assistant Professor, Sophia College for Women - CHB appointment	
	Ms Priyanka Mithbawkar	Assistant Professor, Sophia College for Women - Ad hoc appointment	

	Ms Aafreen Ansari	Assistant Professor, Sophia College for Women - Ad hoc appointment	
VC nominee	Dr Anuradha Pendse	Associate Professor and Head of Dept of Microbiology, Wilson College	
Industry Expert	Dr Girish Mahajan	Industry expert, Hi-Media	
Subject Experts from other Universities	Dr Vikrant Bhor	Expert from non-parent University (ICMR- NIRRH)	
	Dr Manju Sharma	Expert from non-parent University (ICT Matunga) -	granted leave of absence -
Postgraduate meritorious alumnus	Ms Martina Gomes	Meritorious alumna - - granted leave of absence	Approved by Martina Approved