

Department of Life Sciences, Sophia College (Autonomous), Mumbai 11th Meeting of the Board of Studies (Life Sciences) Held on Saturday 28th October, 2023, at 10.30 am Venue: Virtual Meeting on Zoom platform.

MEMBERS:

Name	Designation
Dr. Sree Nair	Chairperson:
	Assistant Professor and Head, Department of Life Sciences,
	Sophia College (Autonomous), Mumbai
Dr. Priya Sundarrajan	Vice Chancellor's Nominee:
	Associate Professor, Department of Life Sciences and
	Biochemistry, St. Xavier's College (Autonomous), Mumbai
Dr. Indu Anna George	Subject Expert:
	Associate Professor and Head, Department of Life Sciences,
	University of Mumbai
Dr. Krishanu Ray	Subject Expert(from outside the parent university):
	Professor and Chairperson, Department of Biological Sciences,
	TIFR, Mumbai.
Dr. Swati Patankar	Subject Expert(from outside the parent university):
	Professor, Department of Biosciences and Bioengineering
	IIT-Mumbai.
Dr. Aditee Ghate	Representative from the Industry or the Corporate Sector/
	Allied Area:
	General Manager -Compliance and Commercial Excellence
	Integrace Health
Dr. Radhika Tendulkar	Post-Graduate Meritorious Alumnus
	Assistant Professor, Department of Life Sciences and
	Biochemistry, St. Xavier's College (Autonomous), Mumbai

To discuss changes and suggest further improvisations/any editing required in the approved syllabi for implementation in the academic year 2023-2024.

The meeting was held on 28th October 2023 as an online meeting using a zoom platform.

The members who attended the meeting were Dr Swati Patankar, Dr Radhika Tendulkar, Dr Priya Sundarajan, Dr Indu George, Dr Sree Nair, Mr.Mayur Gaikwad, Ms.Rhea Nawalkar and Dr Tressa Jacob.

The meeting commenced at 10.30 am as per the agenda scheduled for the meeting. The chairperson welcomed and introduced all members attending the BOS meeting. Dr Nair welcomed the members and mentioned that the next meeting will have to be an offline meeting. She proposed the agenda to be discussed in the meeting.

Agenda 1: To pass the minutes of the tenth BOS meeting held on 2nd May, 2023.

The minutes of the 10th BOS was proposed by Dr. Sundarajan and seconded by Dr. Tendulkar

Agenda 2: FYBSc Life Sciences Courses: To discuss and approve Syllabus introduced for FYBSc Life Sciences Courses of studies under NEP, for the Second Semesters, for the Academic Year 2023-2024. To recommend changes if any required.

Dr Nair introduced that the FYBSc courses offered in the second semester by the department will be : 1 Major paper, 2 Vocational Skill courses (VSC), 1 open elective (OE) and no Indian knowledge system (IKS).

The major paper (theory) would not have any changes and would be with the same units as the earlier non NEP syllabus. The change in the practicals for the major paper was discussed.

The change was inclusion of a new practical: Chironomous larvae- Study of giant chromosomes from salivary glands.

The VSC I - Science of Genetics and VSCII - Bioecology theory topics for VSC I and the OE were put forth and discussed

The practicals for the VSC I and VSC II were shared. The evaluation pattern was also discussed and there was a query about the mark allocation for class participation. And it was explained that the exam committee had issued clear guidelines regarding the percentage of attendance and marks to be awarded.

Member suggestions to Agenda 2:

The inclusion of the Chironomous practical was found appropriate and was not objected by the board members.

For the VSCI and VSC II theory topics no changes were suggested by the members. VSCI practicals no objections. VSCII practical change in the naming of the practical

- a) From construction of foldscope to Construction of foldscope and biodiversity analysis
- b) From Polyploidy of onion root tip to *Cytogenetics of onion root tip was suggested* by *Dr Sunderaj*.
- c) No suggestions for the OE topics were made

Agenda 3: To discuss the existing approved Syllabus introduced for SYBSc Life Sciences Courses of studies, for the Third and Fourth Semesters, for the Academic Year 2023-2024. To recommend changes if any required.

Member suggestions to Agenda 3: None

Agenda 4: TYBSc Life Sciences Courses: To discuss the existing approved Syllabus for TYBSc Life Sciences Courses of studies, for the Fifth and Sixth Semesters, for the Academic Year 2023-2024. To recommend changes if any required.

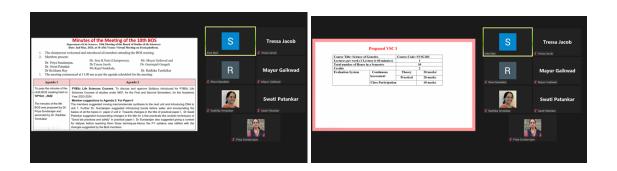
Member suggestions to agenda 4: None

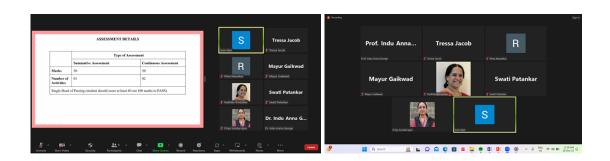
Agenda 5: M.Sc Life Sciences Courses: To discuss changes and suggest further improvisations/any editing required in the approved syllabi for implementation in the academic year 2023-2024.

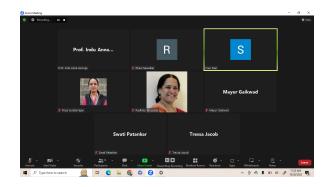
To recommend changes if any required.

Member suggestions to agenda 5: Change or renaming of practicals like MTT and pregnancy kit to application based practicals was suggested by Dr Sunderraj.

The meeting ended at 11.40 am with Dr Sree Nair thanking the Board of studies members for their suggestions and discussions.







HoD Department of Life Science

Luc R Nain