

## **DEPARTMENT OF LIFE SCIENCE**

### **Sophia College (Autonomous)**

#### **4th BoS Meeting Minutes**

**Date:** 29th February 2020

**Members:**

<b>Name</b>	<b>Designation</b>
<b>Dr. Hemalatha Ramachandran</b>	<b>Chairperson</b> Associate Prof. and Head, Department of Life Sciences, Sophia College, Mumbai.
<b>Dr. Indu Anna George</b>	<b>Vice Chancellor's Nominee</b> Professor and Head, Department of Life Sciences, University of Mumbai.
<b>Prof. Krishanu Ray</b>	<b>Subject Expert</b> (from outside the parent university): Professor, Department of Biological Sciences, TIFR, Mumbai.
<b>Dr. Swati Patankar</b>	<b>Subject Expert</b> (from outside the parent university): Professor Department of Biosciences and Bioengineering, IIT, Mumbai.
<b>Dr. Nandita Mangalore</b>	<b>Subject Expert</b> Associate Professor, Department of Life Sciences and Biochemistry, St. Xavier's College (Autonomous) Mumbai.
<b>Dr. Aditee Ghate</b>	<b>Representative from the industry or the Corporate sector/Allied area.</b> General Manager-operations and strategy, Consumer products division, Piramal Health care, Mumbai.
<b>Dr. Radhika Tendulkar</b>	<b>Post-graduate Meritorious Alumnus</b> Associate Professor, Department of Life Sciences and Biochemistry, St. Xavier's College (Autonomous) Mumbai.

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#### **Minutes of the meeting:**

1. The chairperson welcomed and introduced all members attending the BOS meeting.
2. Following members were present for the meeting: Dr. Hemalatha Ramachandran (Chairperson), Dr. Indu George, Dr. Radhika Tendulkar, Dr. Aditee Ghate, Dr. Hema Subramaniam, Dr. Yasmin Khan, Dr. Sree Nair, Dr. Bhavna Daswani, Dr. Snehal Martin and Ms. Rinki Shah.
3. Following members were unable to attend the meeting due to other commitments: Dr. Nandita Mangalore, Dr. Krishanu Ray and Dr. Swati Patankar
4. The meeting commenced at 11.00 am as per the agenda scheduled for the meeting.

#### **Agenda 1**

The minutes of the Third BOS was presented by the chairperson Dr. Indu George proposed the passing of the minutes of the 3rd BOS meeting and Dr. Bhavna Daswani seconded the passing of the minutes.

#### **Agenda 2**

Dr. Hemalatha Ramchandran introduced the course content right from FYBSc to MSc Part 2 and also the activities of the department from October 2019 till February 2020 including scientific talks organized, Ananya Festival, Lecture -workshop series 'The Cell and Time', 18th Annual Sophia Nobel oration, National Science Day celebration and scientific writing endeavours such as SCRIBE and SPECTRUM. The members of BOS was also given a copy of the SCRIBE the appreciated the efforts of the faculty and students.

#### **Agenda 3**

Dr. Sree R Nair presented the department BSc syllabus and mentioned the minor changes in FYBSc (shifting of Practicals from Semester1 to Semester 2). TYBSc Applied Component (Environmental Sciences -Theory) was made keeping in mind the teaching faculty suggestions

1 and the feedback suggestions of guest faculty and students. All the members agreed to these changes in Applied component paper.(Unit 3 of Semester 5 and unit 4 of Semester 6 were modified). Dr. Indu George appreciated the concept of Peer teaching and said that it gives a helping hand to the weaker students and also encourages the students to clear their concepts. The process of awarding the students extra credit component was discussed in detail by Dr. Yasmin Khan. During this discussion Dr. Indu George evinced interest to look at the scoring cards for the same, it was also shown to her. Dr. Indu George suggested that the practical for plant tissue culture in the TYBSc syllabus should be more specific and should be rewritten as neem/carrot callus culture instead of germinated chick pea.

#### **Agenda 4**

Dr. Hema Subramaniam presented minor changes in the MSc syllabus. All members agreed to the changes. During the discussion Dr. Indu George was informed that the syllabus was primarily designed and adhered to the UGC-NET prescribed syllabi.

Dr. Radhika Tendulkar suggested the addition of 'Agarose Gel Electrophoresis' in the MSc part 1 syllabus. She also recommended that all the MSc practicals should be rearranged amongst the four papers within each semester so as to equally distribute the marks in all the four papers for the practical exam.

Dr. Aditi Ghate suggested that 'docking' in the Bioinformatics in MSc Part 2 should be done as protein – protein instead of protein – ligand as the former is easier for students to understand.

Everyone thanked the Chairperson and the experts.



For HoD  
Department of Life Science