

DEPARTMENT OF LIFE SCIENCE

Sophia College (Autonomous)

3rd BoS Meeting Minutes

Date: 14th September 2019

Members:

Name	Designation
Dr. Hemalatha Ramachandran	Chairperson Associate Prof. and Head, Department of Life Sciences, Sophia College, Mumbai.
Dr. Hema Subramaniam Dr. Yasmin Khan Dr. Sree Nair Ms. Nabila Sorathia Ms. Aisha Zakaria	Members of the Department Associate Professor Associate Professor Assistant Professor Co-opted Members of the Department Ad-hoc staff member of the Department Ad-hoc staff member of the Department
Dr. Indu Anna George	Vice Chancellor's Nominee Professor and Head, Department of Life Sciences, University of Mumbai.
Prof. Krishanu Ray	Subject Expert (from outside the parent university): Professor, Department of Biological Sciences, TIFR, Mumbai.
Prof. Swati Patankar	Subject Expert (from outside the parent university): Professor, Department of Biosciences and Bioengineering, IIT, Mumbai.
Dr. Nandita Mangalore	Subject Expert Associate Professor, Department of Life Sciences and Biochemistry, St. Xavier's College (Autonomous), Mumbai.
Dr. Aditee Ghatge	Representative from the Industry General Manager- Operations and Strategy, Consumer Products Division, Piramal Health Care, Mumbai.

Dr. Radhika Tendulkar

Post-Graduate Meritorious Alumnus Associate Professor,
Department of Life Sciences and Biochemistry,
St. Xavier's College (Autonomous), Mumbai.

Minutes of meeting:

The minutes of the second BOS meeting held on 29th March 2019 were passed by Dr. Yasmin Khan and seconded by Dr. Indu George.

FYBSc Life Science courses

The existing syllabus for FYBSc Life science for the academic year 2020-2021, was approved with minor changes recommended. These changes included removal of DIC microscopy, shifting of topics like Transcription and Translation, Capsule staining and Endospore staining to the SYBSc, topics like Epigenetics to TYBSc.

SYBSc Life Science courses

The existing syllabus for SYBSc Life science for the academic year 2020-2021, was approved with minor changes recommended. These changes included removal of Spearman Rank correlation from Biostatistics, certain topics like Animal infectious diseases and gene prediction tools were shifted to Semester IV and topics like Plant infectious diseases and sequence alignment were shifted to semester III.

TYBSc Life Science courses

The existing syllabus for TYBSc Life science for the academic year 2020-2021, was approved with minor changes recommended. These changes included topics like western blot, flow cytometry and surface plasmon resonance, sterilization in Bioprocess technology, microbial growth studies were added.

MSc Life Science courses

MSc Part I

The existing syllabus for MSc I Life science for the academic year 2020-2021, was approved with minor changes recommended. These changes included addition of topics like Proteasomal destruction of aberrant proteins, Phase contrast and DIC for unstained cells, Baye's theory, SDS – PAGE, Gene Prediction, KEGG and OMIM'.

MSc Part II

The existing syllabus for MSc II Life science for the academic year 2020-2021, was approved with minor changes recommended. These changes included shifting of topics like Hebbian plasticity in Hippocampal neurons to Semester IV. Also, the unit on altered brain was shifted from semester III to semester IV and neuroimmunology was shifted from semester IV to semester III. In addition to this, topic on advanced Biostatistics was added.