

DEPARTMENT OF LIFE SCIENCE

Sophia College (Autonomous)

2nd BoS Meeting Minutes

Date: 29th March 2019

Members:

Name	Designation
Dr. Hemalatha Ramachandran	Chairperson Associate Prof. and Head, Department of Life Sciences, Sophia College, Mumbai.
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.
Dr. 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 Ghate	Representative from the industry or the Corporate sector/Allied area. 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.

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Minutes of the meeting:

1. The chair introduced all members attending the BOS meeting.
2. Following members were present for the meeting.
3. Chairperson . (Dr. H. Ramachandran), Dr. Nandita Mangalore, Dr. Krishanu Ray, Dr. Aditee Ghate, Dr. Hema S, Dr. Yasmin Kham, Dr. Sree Nair, Ms. Aisha Zakaria, Dr. Dwight . F.
4. Following members, Dr. Radhika Tendulkar and Dr. Swati Patankar informed that they are unable to attend the meeting due to other commitments. The meeting commenced at 2.15 pm as per the agenda scheduled for the meeting.

Agenda 1:

1. Dr. Nandita Mangalore proposed the passing of BOS Dec 2018 minutes and this was seconded by Dr.Krishanu Ray.

Agenda 2, 3:

5. Dr. Nandita Mangalore advised that the revisions may be documented each time its introduced either at the beginning of syllabus or at the end, which is after the first page or last page.
6. The members were informed about minor changes in FYBSc and the reasons for the same. Subtopics like chi square was removed as it was already part of SYBSc syllabus & the other minor topics repeated elsewhere in the syllabus were also deleted.
7. Members were informed about Animal and Plant physiology being incorporated in SY Paper 1 with minor modifications.
8. Members were informed that there is no change in SY Paper 2 but SY Paper 3 has been overhauled.
9. Dr.Krishanu Ray and Dr. Nandita Mangalore approved of the changes in FY and SY syllabus.They suggested that sums/problems about concept of molarity, etc should be included. The faculty members informed that pH, buffers and preparation of solutions as a lab practice has been incorporated and students prepare solutions every year.

Agenda 4:

1. Dr. Nandita Mangalore added that the question paper pattern be slightly changed especially, Question 5 (Titled as Write Short notes on). It should be based on all 4 modules, also there should not be any restrictions on the marks allocated to each question. Likewise the examiner may choose to put 2 questions of seven and a half marks or multiple questions of 2 marks.
2. Dr. Aditi Ghate suggested some changes in TYBSc AC syllabus
In semester 5 to add some examples on GMP, clean corridor, ICT [The QA course faculty could be approached for one day sessions].
In semester 5 to add GDP, ICH, GMP, soil sampling. She suggested approaching Atul Shirkgaonkar from Pune for a one day session.
3. She was asked to help us plan Industrial visits. Dr. Aditi Ghate agreed for the same and said that whenever opportunities arise, she will keep us informed.
4. Dr. Krishanu Ray and Dr. Aditi Ghate suggested to concentrate on one experimental or theoretical training as an industrial aspect at the undergraduate level, so when a student completes BSc would have a specific trained skill enabling them to get their first job easily. E.g. Regulation skill sets we can teach or protein purification in detail OR add it as new course. (add a module as QA or medicine- R&D based)
5. Dr. Krishanu Ray and Dr. Aditi suggested that students should be informed about internship starting from FY and SY so they can get trained job market.

Agenda 5:

1. Dr. Krishanu Ray and Dr. Nandita Mangalore opined that M.Sc syllabus is too elaborate for the current PG program. To this the faculty replied that a deliberate attempt has made to keep it at par with NET syllabus. And the other aim is to provide a basic foundation for non life science students before they take up Neurobiology as the specialization in MSc second year. They suggested that student feedback should be taken for MSc syllabus.
2. Dr. Nandita Mangalore and Dr. Aditi Ghate have suggested to start an add on course on counselling on specific diseases or post-partum depression or domestic abuse etc paired with M.Sc course [www.esite.com (Ashish Trivedi)]. Dr. Krishanu mentioned that there is an acute shortage of Counselling experts and job opportunities' in these areas must be explored for PG students.
3. Dr. Nandita Mangalore appealed that more marks be allotted for field trips, industrial visits etc. After getting to know about students volunteering Sadhana School, she said that the marks should be increased to 20/25. Also a format be given to students regarding the same and the marks be allotted for internal and external evaluation for the visit. To this Dr. Yasmin Khan replied that we will keep 40% Internal and 60% external evaluator. From the ensuing discussions it was decided that their time spent at Sadhana school be clocked in and raise it to 20hrs for both Semester 3 & Semester 4 and a report be submitted for each semester. Dr. Nandita once again reiterated that since students are contributing so many hours and are positive about their Sadhana School volunteering activity and the learning outcome being so positive definitely it must be recognized by emphasizing on more time allocation and also by awarding more marks. Faculty members agreed to incorporate the change for the same.
4. Dr. Nandita Mangalore asked to define the Unit 4 Techniques in each paper more in greater detail so that there is scope for asking 15 marks questions. Also, since faculty members are required to submit 3 sets of question papers, this will be of immense help.

5. Dr. Nandita Mangalore suggested taking students for IV visit/ FMRI/ any institute/ JJ Hospital/ any neuro facility.
6. She also opined that CIA for paper presentations, causeries etc. specially for PG students.

Agenda 7: Other suggestions

1. Dr.Krishanu Ray has asked to advertise for INSPIRE faculty on the college website so that candidates can apply (at least 1 candidate can be taken in our department). He also informed that he gets lots of query emails from prospective candidates and he can suggest candidates. This was in response to the discussion about the research grant availability in the department and high end equipments available.
 2. Dr. Nandita Mangalore has suggested teaching environmental biology using research papers/case studies since it will be a new approach.
 3. Dr. Nandita Mangalore told not to add ICTR categorization in UG Practical question papers.
- The chair thanked everyone for attending the meeting .



For HoD

Department of Life Science