

RAMNARAIN RUIA AUTONOMOUS COLLEGE, MUMBAI-19

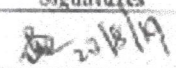
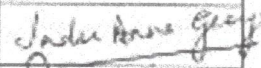
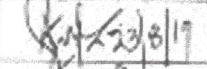
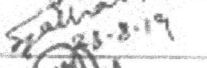
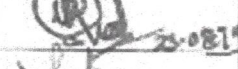
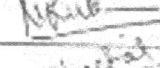
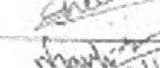

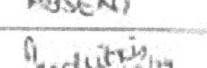
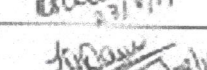

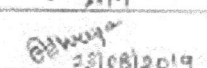
Minutes of the meeting of the Board of Studies in Life Science

Date: 23-08-2019

Time: 11.00 am

Venue: Department of Life Science

Members Present:

Sr. No.		Name of the Members	Signatures
1	Head of the Department of Life Science	Dr. Seema N. Shinde	
2	V.C. Nominee	Dr. Ieda Anna George	
3	Subject Expert	Dr. Sanjeev Waghmare	
4	Subject Expert	Dr. Sandhya Jachar	
5	Industry Expert	Dr. Vijay Shastri	
6	Postgraduate Alumnus	Smt. Nilesh Ruke	
7	Postgraduate Alumnae	Ms. Sheetal Mohile	
8	Teaching Faculty, Department of Life Science	Dr. Nilima Gajbhiye	
9	Teaching Faculty, Department of Life Science	Shri. Bhupendar Madhavi	ABSENT
10	Teaching Faculty, Department of Life Science	Dr. Kanchan Chitnis	
11	Teaching Faculty, Department of Life Science	Dr. Kruti Dave	
12	Teaching Faculty, Department of Life Science	Ms. Simone Vaz	
13	STUDENT ALUMNI Department of Life Science	Ms. Shreya Junnarkar	

Agenda Item No. 1: To revise, if needed, and pass the syllabus for FY/SY/TYBSc/MSc - (Even semesters) classes

DISCUSSED THAT

For FY and SYBSc Semester II and IV certain topics pertaining to Plant physiology, Biochemistry, Biostatistics and Bioinformatics were revised and relatively changes in practicals were suggested. For TYBSc semester VI few changes in topics pertaining to Genetics, Immunology, Neurobiology and Environment were suggested. Some shuffling of the topics was suggested for Developmental Biology section and addition of certain new



techniques and shuffling of certain topics were suggested for Genetic Engineering section. For MSc semester II and IV addition of new practicals like Immunofluorescence assay and Immunohistochemistry assay were suggested. Also shuffling of certain topics with few minor changes in the sub-topic titles were suggested.

RESOLVED THAT

The above suggested changes were incorporated for the respective syllabus.

Agenda Item No. 2: To decide on the changes in the modalities of assessment, if any, which includes the question paper pattern, for internal and external examination.

DISCUSSED THAT

The modalities of the assessment remains the same.

Agenda Item No. 3: To approve the Certificate Courses with syllabi, duration, costing and evaluation, if any.

DISCUSSED THAT

Certificate course was passed in the last BOS on 11th March 2019.

Agenda Item No. 4: To approve the PhD course

DISCUSSED THAT

The PhD course work includes three papers Research Methodology and Computer Applications; Active participation and Academic Development and third paper exclusively based on core subject.

RESOLVED THAT

The above suggested changes were incorporated for the PhD course work.



Dr. Seema Shinde,
Associate Professor & Head
Department of Life Science



RAMNARAIN RUIA AUTONOMOUS COLLEGE, MUMBAI-19

Minutes of the meeting of the eBOS in Life Science for year 2020-2021

Date: 11-04-2020

Time: 11.00 am to 1.30 pm

Venue: Zoom platform

Members Present:

Sr. No.		Name of the Members
1	Head of Department of Life Science	Dr. Seema N. Shinde
2	V.C. Nominee	Dr. Indu Anna George
3	Subject Expert	Dr. Sanjeev Waghmare
4	Subject Expert	Dr. Sandhya Jathar
5	Industry Expert	Dr. Vijay Shastri
6	Post Graduate Alumnus	Mr.Nilesh Ruke
7	Post Graduate Alumnus	Adv. Ms. Sheetal Mohile
8	Dean Academics	Dr. Sujata Suvarnapathki
9	IQAC member	Dr. Varsha Shukla
10	Teaching faculty, Department of Life Science	Dr. Nilima Gajbhiye
11	Teaching faculty, Department of Life Science	Dr. Kanchan Chitnis
12	Teaching faculty, Department of Life Science	Mr. Ranjitsing Bayas
13	Teaching faculty, Department of Life Science	Dr. Kruti Dave
14	Teaching faculty, Department of Life Science	Ms. Simone Vaz

Agenda Item No. 1: To revise, if needed, and pass the syllabus for FY/SY/TYBSc/MSc - (Odd semesters) classes

DISCUSSED THAT

- FYBSc Life Science, sem 01 theory. RUSLSc101 was discussed on pH topic as practical- for calibration and minimizing erroneous measurements - Dr. Indu, Dr. Shastri. Theory



simultaneously tends to clear more doubts -Dr. Chitnis. Localisation of proteins' method used by Dr. Waghmare- Histochemical localisation of proteins.

- FYBSc study of microscopy Light microscopy ,SEM.-Dr. waghmare suggested adding Confocal microscopy Dr. Shukla added to using videos for the topic.
- SYBSc Life Science, sem03, RUSLSc302 Dr. Waghmare discussed of Enzyme kinetics which was already a part of the syllabi as mentioned by Dr. Chitnis. Topic of Pentose phosphate pathway has been shifted to sem04.
- TYBSc Life Science RUSLSc501 Dr. Waghmare mentioned to add to the unit title; Mechanisms in Prokaryotes and Eukaryotes. Dr. Chitnis added another change for the same paper, the model organisms to study immunodeficiencies has been shifted to sem 06 .
- Dr. Seema mentioned the addition of topic Reticular formation to RUSLSc502 and the shift of nervous system to RUSLSCP502.
- Dr. Shastri mentioned the fermentation – down-stream process which happens to be already part of the syllabus of RUSLSc503 as said by Dr. Chitnis.
- Dr. Indu mentioned the same format for all Syllabi of Life Science syllabi.
- PG syllabi unit4 correct title that will indicate photosynthesis & ETS, Mitochondria & ETC
- Dr. Waghmare suggested to use Review papers rather than research papers for MSc part 01 class and to use full research papers for MSc part 02 class. Dr Shukla mentioned practicing the use of video/research papers technology.

RESOLVED THAT

The above suggested changes were incorporated for the respective syllabi of UG and PG.

Agenda Item No. 2: To decide on the changes in the modalities of assessment, if any, which includes the question paper pattern, for internal and external examination.

DISCUSSED THAT

- Assessment Modalities patterns were sent via email to board members for their suggestions and approval changes for which included online test mode for PG students for internal class test.
- Theory question paper pattern with 60 percent choice for students with setting of the questions according to Bloom's taxonomy.

RESOLVED THAT

The above changes for the modalities were approved by the members.



Agenda Item No. 3: To identify and approve 2-4 Certificate Courses offered by NPTEL Swayam /MOOC.

DISCUSSED THAT

The list of selected certificate courses offered by NPTEL Swayam was sent via email to board members for their suggestions and approval. Dr. Waghmare suggested adding courses on bioinformatics for genome analysis such as Genome DNA download from databases, multiple alignments, mutational and translational analysis, primer designing, expression profile analysis and proteomics analysis.

RESOLVED THAT

The suggested courses were incorporated to be taken up by the undergraduate students.

Agenda Item No. 4: To review the feedback of students on the curricula.

DISCUSSED THAT

All members of the BOS have reviewed the student feedback sent by email.

RESOLVED THAT

The suggestions mentioned in the feedback were taken into account while changing the curricula.

Agenda Item No. 5: To review the Questions Papers of previous exams and comparison with the University Question Papers.

DISCUSSED THAT

The previous years question papers could not be shown to the BOS members, and thus could not be discussed, as the hard copies are only kept in the college department. No soft copies are kept with the teachers as per instructions from the college authorities.

RESOLVED THAT

No changes could be made as there were no suggestions.



Dr. Seema Shinde,

Associate Professor & Head,
Department of Life Science.

