

S.P Mandali's
Ramnarain Ruia Autonomous College
Minutes of Board of Studies Meeting in Microbiology

Day: Wednesday

Date: 28th September 2022

Venue: Conference Room

Attendance:

Sr.No	Name	Designation	Signature
1.	Dr. Anushree Lokur	Principal, Ramnarain Ruia Autonomous College	Granted leave for absence
2.	Dr. Varsha Shukla	Head, Department of Microbiology	Present
3.	Mr. Vidyadhar Tupe	Assistant Professor	Present
4.	Dr. Radhika Birmole	Vice Chancellor Nominee	Present
5.	Dr. Rupendra Jadhav	A representative from another University	Present
6.	Dr. Rajesh Patkar	A representative from another University	Present
7.	Mr. Chinmay Kamale	Post Graduate Alumnus	Present
8.	Dr. Rahul Warke	Industry Representative	Present
9.	Mr. Niranajan Chavan	Assistant Professor	Present
10.	Mr. Nitin Ladvi	Assistant Professor	Present
11.	Mr. Swapnil Pradhan	Assistant Professor	Present
12.	Mr. Sachin Rajagopalan	Assistant Professor	Present
13.	Ms. Shveta Tiwari	Assistant Professor	Present
14.	Dr. Mayuri Rege	DST-Inspire Faculty	Granted leave for absence
15.	Ms. Dhanashree Sant	Assistant Professor	Present



Agenda 1) To seek approval for the changes in the modalities of assessment, if any, which includes the question paper pattern, for internal and semester end examination and the assessment of Semester End examinations (Theory/Practical, wherever applicable).

Resolution No 1: There was no change in modality of assessment for any of the programs. Dr. Shukla appraised the board about reverting back to the pre covid modes of assessment that is as mentioned in the syllabi for all classes. Faculty members explained the continuous assessments that they have used.

Agenda 2) To seek approval for the new Post Graduate Programmes (if applicable) for the academic year 2023-24 and approve the syllabus for the same.

Resolution No 2: No new PG programme was proposed by the department. The syllabus for the post-graduate programme in Microbiology was already approved in the previous meeting.

Agenda 3) To seek approval for the Eligibility for the admission to Post Graduate programmes

Resolution No 3: It was proposed that the selection criteria for students to the post graduate programme be 46 credits in Microbiology, in lieu with that laid down by the University of Mumbai.

Dr. Jadhav suggested that we need to have a criteria which allows selection of students across disciplines. Dr. Shukla agreed that this will restrict to making only BSc Microbiology majors or double majors students becoming eligible, but was sceptical about admitting students from other biological sciences due to lack of fundamental knowledge in Microbiology. Dr. Warke agreed that 46 credits would be a better option to judge the basic and fundamental prior knowledge about the subject. Dr. Shukla proposed an evaluation by the equivalence committee or conducting a bridge course for those who did not fit the criteria.

It was resolved that eligibility criteria should be 46 credits in Microbiology to admit students for the MSc Microbiology course.

Agenda 4) To seek approval for the new certificate courses (for 2023-24), if any.

Resolution 4:

No new certificate course was proposed. The NPTEL courses list will be published by October and a list of selected courses will be shared via email with the board.

Agenda 5) To seek suggestions for the implementation of NEP2020 with reference to the inclusion of the following features

- i) Four Year Undergraduate Program
- ii) Indian Knowledge System
- iii) Multidisciplinary/Trans-disciplinary approach
- iv) Vocational Courses
- v) Industry academia collaborations
- vi) Internships.

Some suggestions by board members are as follows:



1. Dr Warke commented that BSc graduates can be offered an internship at a food and water testing industry. He also suggested having a contract research organisation set up in the department. This can be a way of involving BSc students in research. He also mentioned a minor one year research worth publication can be a good option.
2. Knowledge about traditional methods can be obtained from some institutes. Dr. Warke suggested topics like antibacterial properties of plant phytochemicals, traditional agriculture, traditional medical microbiology, bioanalytical techniques. Also agreed to share references for the same.
3. With respect to trans disciplinary courses, Dr. Birmole suggested that the current foundation course curriculum can be designed to have a transdisciplinary approach.

Since there was no other matter for discussion, the meeting was adjourned at 12:15pm.

N.S. Seeth
HEAD DEPARTMENT
OF MICRO-BIOLOGY



Ramnarain Ruia Autonomous College
Board of Studies Meeting in Microbiology

Day: Thursday

Date: 13th April 2023

Time: 2:30 to 4:30 pm

Venue: Online using google meet and In-person (Instrumentation Room-Department of Microbiology)

Attendance:



Sr.No	Name	Member	
1.	Dr. Anushree Lokur	Principal and Professor in Microbiology	Granted leave of absence
2.	Dr. Varsha Shukla	Head, Department of Microbiology	Present
3.	Mr. Vidyadhar Tupe	Assistant Professor	Present
4.	Dr. Radhika Birmole	Vice Chancellor Nominee	Present
5.	Dr. Rupendra Jadhav	A representative from another University	Granted leave of absence
6.	Dr. Rajesh Patkar	A representative from another University	Present
7.	Mr. Chinmay Kamale	Post Graduate Alumnus	Present



8.	Dr. Rahul Warke	Industry Representative	Present
9.	Mr. Niranajan Chavan	Assistant Professor	Present
10.	Mr. Nitin Ladvi	Assistant Professor	Present
11.	Mr. Swapnil Pradhan	Assistant Professor	Present
12.	Mr. Sachin Rajagopalan	Assistant Professor	Present
13.	Ms. Shveta Tiwari	Assistant Professor	Present
14.	Dr. Mayuri Rege	Assistant Professor	Present
15.	Ms. Dhanashree Sant	Assistant Professor	Present

Agenda 1: To seek approval for the change in the number of Credits to be awarded for the undergraduate program B.Sc. (for the students admitted to First Year for the academic year 2022-23) from **132 to 120**.

Resolution 1: Dr Shukla explained that although the College had proposed and passed the increase in credits to 132 from academic year 2022-23, the college wishes to revert to 120 credits from 132. This is due to the implementation of NEP 2020 from this academic year. Dr. Birmole passed the agenda and Dr. Patkar seconded the opinion.

Agenda 2: To seek approval for the changes in the syllabus for S.Y.B.Sc. and T.Y.B.Sc. and MSc- Sem III and IV wherever applicable.

Resolution 2: Dr. Shukla explained that the syllabi for SYBSc and TYBSc will not be changed in this academic year. The syllabi for these classes were already passed the previous year. She also explained about the basic outline of the MSc course and that syllabi for I and II was passed in the earlier BoS meeting. She then explained the syllabus for semester III and IV. Mr. Kamale suggested that Janeway's Immunobiology can be added as a reference for the core course on Immunology (301). Dr. Patkar suggested that Mass Spectroscopy should be renamed as Mass Spectrometry. Mr. Kamale suggested that Fluorescence Spectroscopy should be added along with UV-Visible Spectroscopy for the course on Bioinstrumentation (302). Dr. Birmole enquired about the practicals for the course on Bioinstrumentation. Dr. Shukla explained that a demonstrative and case study based approach would be used as the teaching methodology for this course. Mr Pradhan explained the basic structure of the course on Bioinformatics and Biostatistics (SECC-303). Mr. Kamale commented that a demonstrative and case study based approach should be the teaching methodology for this course. Mr. Pradhan also explained that the statistical tools and bioinformatic tools will find applicability in the dissertation. Dr. Birmole mentioned that research design softwares should be used for experiment designing. All board members agreed that the syllabus for 303 looks very ambitious. Dr. Shukla concluded that the content of the syllabus for this paper will be reduced by consulting a statistician. Dr. Patkar and Dr. Warke suggested a topic on Phage therapy should be included under the course on Virology (401). Dr. Shukla explained the modality of



assessment for all the courses. The board passed the modality of assessment for all the courses.

Agenda 3: To seek approval for the Swayam Courses identified by the department.

Resolution 3: Dr Shukla mentioned that the list of Swayam Courses identified by the department will be sent to the board once they are announced and shared via email to seek approval.

Agenda 4: Any other matter with the permission of the Chair.

Resolution 4: No matters were raised

The meeting was adjourned at 3:46 pm.

N.S. Sewal
HEAD DEPARTMENT
OF MICRO-BIOLOGY

