

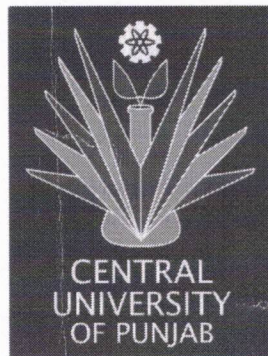
Minutes

for

Board of Studies

held on

June 09th, 2023



Department of Microbiology

Central University of Punjab

Subject: Minutes of the meeting of Board of Studies of Department of Microbiology

The meeting of Board of Studies of Department of Microbiology was held on 09th June, 2023 at 12:00 PM via hybrid mode, the following members attended the meeting:

1. **Dr Somesh Baranwal, Associate Professor** and Head of the Department as Chairperson
2. **Prof Ramakrishna Wusirika, Dean In-charge Academic**, Department of Biochemistry
3. **Prof Monisha Dhiman**, Department of Microbiology
4. **Prof A. Munshi, Dean Research**, Department of Human Genetics and Molecular medicine
5. **Prof Felix Bast**, Head of the Department Botany
6. **Dr Mukesh K Yadav, Associate Professor**, Department of Microbiology
7. **Dr Amit Singh, Assistant Professor**, Department of Microbiology
8. **Dr Pramod Kushawaha, Assistant Professor**, Dept. of Microbiology
9. **Prof DD Singh, Dept. of Biotechnology**, Panjab University
10. **Prof Suman Dhar, Special Centre for Molecular Medicine, JNU**, New Delhi
11. **Dr Soumen Basak, Staff Scientist VI**, Systems Immunology Laboratory National Institute of Immunology, New Delhi

Prof Suman Dhar and Dr Basak joined the meeting online. Dr. K. N. Yogalakshmi, Associate Professor, EVST, Dr. Snigdha Gupta (Industry expert), Associate Director, Prescient Healthcare Group, and Ms Ishita Gulati (Student 2020-22 batch) did not attend the meeting due to some prior commitments.

The following agenda items were discussed and resolved after thorough deliberations

Item no. I. To review and approve the proposed changes, course structure and syllabus for M.Sc. Microbiology for academic session 2023-2025

Courses Added/Revised	Courses Removed/ Moved
<p>Semester I (Total Credits:19)</p> <ol style="list-style-type: none"> 1. Remedial teaching of one non-credit (two contact hours) added in semester. 2. Public health Research and Genetic Epidemiology (HGE.515) is introduced as a new discipline elective 	<ol style="list-style-type: none"> 1. Interdisciplinary course (IDC) Basics of Microbiology (MIC.529) and Introduction to immune system (MIC.539) is moved to second semester 2. Population Genetics and Genetic Epidemiology (HGE.528) is removed from Discipline elective
<p>Semester II (Total Credits:23)</p> <ol style="list-style-type: none"> 1. Remedial teaching of one non-credit (two contact hours) added in semester. 2. Basics of Microbiology (IDC) (MIC.529) and Introduction to immune system (IDC) (MIC.539) is included in second semester 	<p>VAC Ethics for science (MIC.504) is moved to third semester</p>
<p>Semester III (Total Credits:23)</p> <ol style="list-style-type: none"> 1. Added Remedial teaching of one non-credit (two contact hours) 2. VAC Ethics for science (MIC.504) is added to third semester 3. Entrepreneurship in Microbiology (MIC.558), a two-credit course, is completely revised (100%) 	<p>Ecology, Evolution & Developmental Biology (MIC.555) a discipline enrichment course is removed</p>

Somesh Baranwal

WPK

Pramod

DD Singh

Monisha Dhiman

4. Genetic Engineering and Recombinant DNA Technology (MIC.556) is revised (10%)
5. Industrial Microbiology (MIC.551) course is modified (up to 10% content is revised).
6. Evaluation criteria for dissertation (Part I) is updated
Supervisor (50 Marks) and HoD and senior-most faculty of the department (50 Marks):
 based on ^a dissertation proposal and presentation

Semester IV (Total Credits:20)

No change in the Dissertation Part II (only evaluation criteria is updated)

1. **Supervisor (50 Marks):** based on Continuous assessment (regularity in work, mid-term evaluation) dissertation report, presentation, final viva-voce
2. **External expert, HoD and senior-most faculty of the department (50 Marks):** based on dissertation report (30), presentation (10), and final viva-voce (10)

Resolution: The experts appreciated the efforts and accepted the proposed changes in the course structure and syllabus for M.Sc. Microbiology for academic session 2023-2025 and is enclosed as annexure-I.

Suggestions from Experts for M.Sc. Microbiology program:

Resolution:

1. To make minor modification in Entrepreneurship of Microbiology course (MIC558) offered in third semester
2. The expert suggested to include a senior faculty instead of senior most faculty while evaluating MSc dissertation in third and fourth semester

Item no. II. Changes in course structure and syllabus for PhD program in Microbiology for session 2023
 – No changes was proposed.

Resolution: The experts accepted the course structure and syllabus for PhD Microbiology for academic session 2023-2025.

Item no. III. To review the feedback from stakeholders: Curriculum feedback from different students, their parents, alumni, and faculty members was discussed and reviewed.

Resolution: The feedback from the stakeholders was analysed and suggestions were incorporated in the curriculum. The analysis and action taken report is eclipsed at annexure-II

Item no. IV. To approve the list of external examiner for MSc dissertation

1. **Dr. Anil Kumar Singh** Senior Scientist, CSIR-NEIST, Jorhat
2. **Dr. Sushil Kumar Pathak** Associate Professor, Berhampur University, Berhampur Orissa
3. **Prof Rajeev Kaul** Head, Department of Microbiology, Delhi University

Somesh Baranwal



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4. **Dr Kamala Kant**, Associate Professor, Department of Microbiology, AIIMS Bathinda
5. **Prof Malkhey Verma**, Department of Biotechnology, BHU, Varanasi
6. **Dr Prashant Kumar Singh**, Associate Professor, University of Lucknow
7. **Dr Debabrata Mandal, Associate Professor and Head, Department of Biotechnology NIPER Hajipur**
8. **Dr Baljinder Kaur** Associate Professor, Punjabi University Patiala)
9. **Dr Kusum Harjai** Professor, Panjab University
10. **Dr Sanjiv Kumar Soni** Professor, Panjab University
11. **Dr Sujata Ghosh** Professor, PGI, Chandigarh
12. **Prof Mini P. Singh** Professor, PGI, Chandigarh
13. **Dr Vishnu Agarwal**, Associate Professor MNNIT, Allahabad
14. **Dr Gunjan Goel** Professor and Head, Central University of Haryana
15. **Prof Duni Chand** Department of Biotechnology, Himachal Pradesh University
16. **Prof Anand Sagar** Dean Faculty of Life Sciences, Himachal Pradesh University

Item no. V. To identify/propose concerned/relevant/allied subject for Master degree for direct recruitment as per clause 4 of UGC regulation 2018

Resolution: After thorough discussion, the expert suggested including postgraduate degree in Microbiology/ allied science with microbiology as a subject for direct recruitment as per clause 4 of UGC regulation 2018.

The BoS discussed the agenda items at length including the comments received by the external experts. All revised files for the above agenda items are sent to BoS members for approval and recommendation will be further placed in the School Board.

BoS Members

Somesh Baranwal
Dr Somesh Baranwal
 HoD and chairperson

Anjana Munshi
Prof Anjana Munshi
 HGMM

Monika
Prof. Monisha Dhiman
 Microbiology

WPK
Prof. Ramakrishna Wusirika
 Dept. of Biochemistry

Felix Bast
Prof. Felix Bast
 Department Botany

Mukesh K Yadav
Dr. Mukesh K Yadav
 Associate Professor, Microbiology

Amit Singh
Dr Amit Singh
 Assistant Professor, Microbiology

Pramod Kushawaha
Dr Pramod Kushawaha
 Assistant Professor, Microbiology

External Experts

Prof. DD Singh, Dept. of Biotechnology, Panjab University

Prof. Suman Dhar, Special Centre for Molecular Medicine, JNU, New Delhi

Dr. Soumen Basak, Staff Scientist VI, Systems Immunology Laboratory National Institute of Immunology, New Delhi

Industry expert

Dr. Snigdha Gupta, Associate Director, Prescient Healthcare Group