

**Meeting Minutes**

**Board of Studies**

**Held on**

**May 14<sup>th</sup>, 2024**



**Department of Microbiology**

**Central University of Punjab**

**Central University of Punjab**  
**Department of Microbiology**

Ref no:

Dated: 15<sup>th</sup> May, 2024

**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 14<sup>th</sup> May 2023 at 9:30 AM via hybrid mode, the following members attended the meeting:

1. **Dr Somesh Baranwal**, Associate Professor, Head of the Department as Chairperson
2. **Prof Ramakrishna Wusirika**, Dean In-charge Academic, Department of Biochemistry, CUPB
3. **Prof. Sanjeev Kumar**, Dept. of Botany, CUPB
4. **Prof. Yogalakshmi K.N.** Dept. of Environmental Science & Technology, CUPB
5. **Prof Monisha Dhiman**, Department of Microbiology, CUPB
6. **Dr Mukesh K Yadav**, Associate Professor, Department of Microbiology, CUPB
7. **Dr Saraboji Kadhivel** Associate Professor, Dept. of Computational Sciences, CUPB
8. **Dr Debapriya Garabadu** Assistant Professor, Dept. of Pharmacology, CUPB
9. **Dr Amit Singh**, Assistant Professor, Department of Microbiology, CUPB
10. **Dr Pramod Kushawaha**, Assistant Professor, Dept. of Microbiology, CUPB
11. **Prof Gunjan Goel**, Dept. of Microbiology, Central University of Haryana (**External expert**)
12. **Prof Rajeev Kaul** HoD & Dean of Faculty of Interdisciplinary & Applied Sciences, University of Delhi, South Campus (**External expert**)
13. **Prof Balwinder Singh Sooch**, Head, Dept. of Biotechnology & Food Technology, Punjabi University, Patiala (**External expert**)
14. **Dr Prashant Khare** Director, R&D, Xenesis Research Institute, Absolute- Gurugram, Haryana (**Industry Expert**)
15. **Mr. Hari Om** Alumni of the Department

**Prof Gunjan Goel, Prof Rajeev Kaul, Prof Balwinder Singh Sooch, Dr Prashant Khare, and Mr. Hari Om (Alumni of Department) joined the meeting online. Prof Ramakrishna Wusirika, Department of Biochemistry and Prof. Sanjeev Kumar, Dept. of Botany, CUPB did not attend the meeting because of 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 2024-2026**

1. Update list of Textbook of theory and Practical courses for whole syllabus
2. Semester wise changes in courses

| Courses Added/Revised   | Courses Removed/ Moved |
|---|------------------------|
| <b>Semester I (Total Credits:19)</b> <ol style="list-style-type: none"><li>1. Course content for Unit I and Unit II of Biochemistry (MIC 506) has been revised/updated</li><li>2. Course content of Unit III and Unit IV Microbiology (MIC 507) has been revised/updated</li><li>3. Course content for Techniques in Microbiology, Discipline elective (MIC 511) has been revised/updated</li></ol> |                        |

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| <p><b>Semester II (Total Credits:23)</b></p> <p>1. Course content for Unit IV of Microbial Physiology and Metabolism (MIC 523) has been revised/updated</p>  | <p>1. Developmental Biology (BCH 527) offered by Biochemistry department has been introduced as new discipline elective course</p> <p>2. Neurobiology and Degenerative Pathophysiology (ZOL554), DEC offered by Zoology is moved to third semester</p> |
| <p><b>Semester III (Total Credits:23)</b></p> <p>1. Course content for Medical Microbiology (MIC553) has been updated/revised</p> <p>2. Course content of Unit III of Food and Dairy Microbiology (MIC.552) has been updated/revised</p> <p>3. Course content for Entrepreneurship in Microbiology (MIC.558) has been updated/revised.</p> <p>4. Neurobiology and Degenerative Pathophysiology (ZOL554), DEC offered by Zoology is introduced as new discipline elective</p> | <p>1. Human Physiology (BCH.556) offered by Biochemistry department has been introduced as new discipline elective course</p>  |
| <p><b>Semester IV (Total Credits:20)</b></p> <p>No change in the Dissertation Part II</p>  |  |

**Resolution:** The experts appreciated the efforts and accepted the proposed changes in the course structure and syllabus for M.Sc. Microbiology for academic session 2024-2026 and is enclosed as annexure-I.

**Suggestions from Experts for M.Sc. Microbiology program:**

**Resolution:**

1. To make minor modification in Microbiology (MIC 507) offered in first semester and shuffle content from third semester Medical Microbiology.
2. Queries such as evaluation criteria for third semester research work, incorporation of Bioprocess technology, and pharmaceutical microbiology were addressed by respective teachers and course coordinator

**Item no. II. Changes in course structure and syllabus for PhD program in Microbiology for session 2024 – No changes was proposed.**

**Resolution:** The experts accepted the course structure and syllabus for PhD Microbiology for academic session 2024-2026.

**Item no. III. To review the feedback from stakeholders:** Curriculum feedback from different students, their parents, alumni, and faculty members were discussed and suggestions in course content from students and their parents are incorporated.

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

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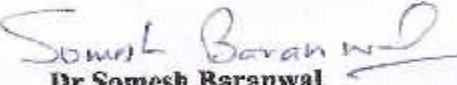

  
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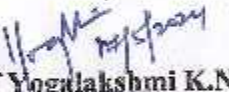
**Item no. IV. To approve the list of external examiner for MSc dissertation**


1. **Dr Rakshak Kumar**, Associate Professor, Tripura University
2. **Dr Samer Singh**, Senior Assistant Professor, Banaras Hindu University, Varanasi-221005
3. **Prof B.P Singh**, NIFTEM, Sonipat Haryana
4. **Dr Ratul Sakia, Sr. Principal Scientist**, CSIR-North East Institute of Science & Technology,
5. **Dr Ramesh Kumar**, Indira Gandhi University, Meerpur, Rewari, Haryana
6. **Dr Samander Kaushik**, M.D. University Rohtak, Haryana
7. **Dr Anand Maurya**, All India Institute of Medical Sciences, Bhopal
8. **Dr Sanjay Singh Negi**, All India Institute of Medical Sciences, Raipur
9. **Dr Uma Kanga**, All India Institute of Medical Sciences, Delhi
10. **Dr Ssnjit Kumar**, Guru Ghasidas University, Bilaspur, CG
11. **Dr Pankaj Gupta**, HNB Garhwal University
12. **Dr Naveen Gupta**, Panjab University, Chandigarh
13. **Prof Malkhey Verma**, Department of Biotechnology, Banaras Hindu University Varanasi
14. **Dr Anil Kumar Singh**, (Principal Scientist) NEIST, Jorhat-785006, Assam
15. **Dr Prashant Kumar Singh** (Associate Professor) University of Lucknow
16. **Prof Duni Chand**, Department of Biotechnology Himachal Pradesh University
17. **Prof Mini P Singh**, PGI, Chandigarh
18. **Dr Vishnu Agarwal**, Associate Professor, MNNIT, Allahabad

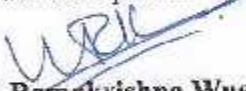
The BoS discussed the agenda items at length including the comments received by the external experts. All revised files for the above agenda items are shared to BoS members for approval and recommendation will be further placed in the School Board.

**BoS Members**

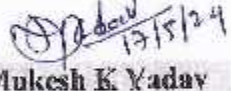
  
**Dr Somesh Baranwal**  
HoD and chairperson

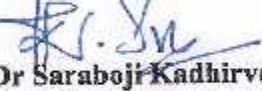
  
**Prof Yogalakshmi K.N.**  
EVST, CUPB


  
**Prof Monisha Dhiman**  
Microbiology, CUPB

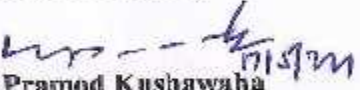
  
**Prof. Ramakrishna Wusirika**  
Dept. of Biochemistry

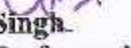
  
**Prof. Sanjeev Kumar**  
Department Botany

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

  
**Dr Saraboji Kadhirvel**  
Computational Sciences

  
**Dr Debapriya Garabadu**  
Dept. of Pharmacology

  
**Dr Pramod Kushawaha**  
Microbiology

  
**Dr Amit Singh**  
Assistant Professor, Microbiology

**External Experts**

1. **Prof Balwinder Singh Sood**, Punjabi University, Patiala
2. **Prof Gunjan Goel**, Dept. of Microbiology, Central University of Haryana
3. **Prof Rajeev Kaul**, University of Delhi, South Campus

**Industry expert**

**Dr. Prashant Khare**, Director, R&D, Xenesis Research Institute, Absolute-Gurugram, Haryana