



Dr. N.G.P. ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)
Approved by Government of Tamil Nadu & Accredited by NAAC with 'A' Grade (2nd Cycle)
Dr. N.G.P.-Kalapatti Road, Coimbatore-641 048, Tamil Nadu, India.
Website: www.drngpasc.ac.in | Email: info@drngpasc.ac.in. | Phone: +91-422-2369100

BoS

12th

MINUTES OF THE TWELFTH BOARD OF STUDIES MEETING

Faculty: Biosciences

Board: Microbiology

The Meeting of Board of Studies (BoS) was held as given below:

Name of the Body	BoS
Department	Microbiology
Meeting No.	12
Date and Time	29/12/2021, 10.00 a.m.
Venue	Webinar - Google meet - meet.google.com/ata-mqqp-yqp
Members Attended	The details are given in the ANNEXURE -I

AGENDA

1	Discussion on VI Semester Syllabus for B. Sc. Microbiology Batch: 2019-22.
2	Discussion on IV - VI Semester Syllabus for B. Sc. Microbiology Batch: 2020 -23.
3	Discussion on II - VI Semester Syllabus for B. Sc. Microbiology Batch: 2021 -24.
4	Discussion on IV Semester Syllabus for M. Sc. Microbiology Batch: 2020 -22.
5.	Discussion on II - IV Semester Syllabus for M. Sc. Microbiology Batch: 2021-23.
6.	Any other matters





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MINUTES OF THE TWELFTH BOARD OF STUDIES MEETING

Faculty: Biosciences

Board: Microbiology

The Chairman of BoS welcomed all the Panel members for the meeting. The items listed in the agenda were taken for discussion.

The following are the minutes of the meeting:

Item – 01	Discussion on VI Semester Syllabus for B. Sc. Microbiology Batch: 2019-22.
Discussion	<p>The board has discussed the VI Semester Syllabus for B. Sc. Microbiology in detail and the courses for VI Semester as followed.</p> <p>193MB1A6CA – Core VI – Industrial Microbiology 193MB1A6CB – Core VII – Environmental and Agricultural Microbiology 193MB1A6CC – Core VIII – Medical Parasitology 193MB1A6CP – Core Practical VI – Applied Microbiology and Recombinant DNA Technology 193MB1A6SA – SEC - Entrepreneurial Microbiology 193MB1A6DA – DSE II – Recombinant DNA Technology 193MB1A6DB – DSE II – Extremophiles 193MB1A6DC – DSE II – Phage Biology 193MB1A6DD - DSE III - Molecular Diagnostics in Microbiology 193MB1A6DE - DSE III - Mycotoxicology 193MB1A6DF - DSE III - Marine Microbiology</p> <p>193MB1A6CB – Core VII – Environmental and Agricultural Microbiology Dr. Lakkumi Venmal recommended to change the topic as interaction instead of cooperation and Gravity Sampling method to be given for air sampling device in Unit V.</p> <p>193MB1A6CC – Core VIII – Medical Parasitology</p>





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Panel members suggested to include a book named "Lippincotts illustrated reviews on Microbiology by Rizard Hary", for Medical Parasitology.

193MB1A6CP – Core Practical VI – Applied Microbiology and Recombinant DNA Technology

Subject expert suggested specifying the experiment No. 6 as Microscopic observation of parasites.

193MB1A6SA – SEC - Entrepreneurial Microbiology

Mr. Antony recommended including specific aseptic techniques (autoclaving, filtration, drying) and its importance for the production of biological products.

193MB1A6DA – DSE II – Recombinant DNA Technology

The expert recommended including Next Generation Sequencing in Unit V.

193MB1A6DB – DSE II – Extremophiles

The board members suggested rearranging the content in Extremophiles.

Unit- I: Introduction about extreme habitats

Unit- II: Ecological aspects of Thermophiles and Psychrophiles

Unit- III: Acidophiles and Alkalophiles

Unit – IV: Halophiles and Barophiles

Unit- V: Hyperextremophiles

193MB1A6DC – DSE II – Phage Biology

The board members recommended giving only basics. The syllabus may contain Introduction, Phage diversity, Life Cycle, Characterization, Importance and applications.

193MB1A6DD - DSE III - Molecular Diagnostics in Microbiology

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	<p>Dr. Lakkumi Venmal recommended to incorporate recent diagnostic methods like RT PCR, Gene therapy, Whole Genome Sequencing etc., to replace the topics as disease and pathogenicity.</p> <p>193MB1A6DE - DSE III - Mycotoxicology</p> <p>The board advised to give the content more specific to Mycotoxins. The Units has to be reframed as Introduction, Characteristics, Quantification and Prophylaxis against mycotoxins.</p>
Resolution	The board members unanimously resolved and accepted the changes.
Item - 02	Discussion on IV - VI Semester Syllabus for B. Sc. Microbiology Batch: 2020 -23.
Discussion	The board members recommended the syllabus of B. Sc. Microbiology Batch 2019-22 to be followed for B.Sc Microbiology Batch 2020-23 without any change.
Resolution	The board members unanimously resolved and approved the syllabus.
Item - 03	Discussion on II - VI Semester Syllabus for B. Sc. Microbiology Batch: 2021 -24.
Discussion	The board members recommended the syllabus of B. Sc. Microbiology Batch 2019-22 to be followed for B.Sc Microbiology Batch 2021-24 without any changes.
Resolution	The board members unanimously resolved and approved the syllabus.
Item - 04	Discussion on IV Semester Syllabus for M. Sc. Microbiology Batch: 2020 -22.
Discussion	The board members recommended the syllabus of M. Sc. Microbiology Batch 2019-21 to be followed for M.Sc Microbiology Batch 2020-22 without any changes.
Resolution	The board members unanimously resolved and approved the syllabus.
Item - 05	Discussion on II - IV Semester Syllabus for M. Sc. Microbiology Batch: 2021-23.
Discussion	The board members recommended the syllabus of M. Sc. Microbiology Batch 2019-21 to be followed for M.Sc Microbiology Batch 2021-23 without any changes.
Resolution	The board members unanimously resolved and approved the syllabus.
Item - 06	Any Other Matters
Discussion	<p>➤ Experts recommended the following Value added Courses to be offered by the department.</p>

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	<ol style="list-style-type: none">1. Certificate course on Microbial Quality control and Testing2. Certificate course on Microbial Fermentation <ul style="list-style-type: none">➤ Members had a vivid discussion over the suggestions made in Parent Teachers Association Meeting for enrichment of syllabus.➤ The Board Members verified and approved the panel of examiners for the upcoming End Semester Examinations.
Resolution	The suggestions by the Board Members have been considered.

The chairman of Board of Studies (BoS) thanked all the members for their active participation and cordially invited them for the next meeting.

Date: 29/12/2021


(Dr. J. Rengaramanujam) 29/12/21

BoS Chairman/HoD
Department of Microbiology
Dr. N. G. P. Arts and Science College
Coimbatore – 641 048





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ATTENDANCE OF THE TWELFTH BOARD OF STUDIES MEETING

Faculty: Biosciences

Board: Microbiology

S. No.	Name	Position	Signature*
1	Dr. J. Rengaramanujam Professor & Head Department of Microbiology Dr.N.G.P. ASC Coimbatore – 641048.	Chairman	Present
2	Dr. A.K. Lakkumi Venmal Associate Professor Department of Microbiology LRG Government Arts College for Women Tiruppur – 641004.	Member (Subject Expert) VC Nominee	Present
3	Mr. Antony Iruthayaraj Assistant Manager-Microbiology PAR Formulations Pvt Ltd. Chennai.	Alumni	Present
4	Ms. Sastika A.C (UG)	Student Representatives	Present
5	Ms. Jayasree. A (PG)		Present
6	Dr. N. Vidhya Professor Department of Microbiology Dr. N.G.P. ASC Coimbatore – 641048.	Member	Present
7	Dr. S. Senthil Prabhu Associate Professor Department of Microbiology Dr. N.G.P. ASC Coimbatore – 641048.	Member	Present
8	Dr. A.M. Ramachandran Associate Professor Department of Microbiology Dr. N.G.P. ASC Coimbatore – 641048.	Member	Present

* Virtual Meeting – Signature not required.

Date: 29/12/2021

(Dr. J. Rengaramanujam)

BoS Chairman/HoD
Department of Microbiology
Dr. N. G. P. Arts and Science College
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