



## 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 (3<sup>rd</sup> Cycle-3.64 CGPA)  
Dr. N.G.P.- Kalapatti Road, Coimbatore-641 048, Tamil Nadu, India.  
Website: www.drnpgpasc.ac.in | Email: info@drnpgpasc.ac.in. | Phone: +91-422369100

### Department of Microbiology Board of Studies Meeting

The minutes of the 21<sup>st</sup> meeting of Board of Studies held on 02.04.2026 at 10.00 am at the Microbiology Department, Instrumentation Room (B1-1302).

#### Members Present:

| S. No. | Name   | Category           |
|--------|--|--------------------|
| 1      | Dr. J. Rengaramanujam Professor and Head<br>Department of Microbiology, Dr. N.G.P Arts and Science<br>College, Coimbatore – 641 048      | Chairman           |
| 2      | Dr. M. Gnanadesigan – Assistant Professor, Department of<br>Microbial Biotechnology, Bharathiar University, Coimbatore.                  | University Nominee |
| 3      | Dr. S. Murugan – Associate Professor, Department of<br>Biotechnology, Karunya University, Coimbatore.                                    | Subject Expert     |
| 4      | Dr. M. Kulandhaivel - Associate Professor, Department of<br>Microbiology, Karpagam Academy of Higher Education,<br>Coimbatore – 641 021. | Subject Expert     |
| 5      | Dr. C. Balakumar, General Manager – Technical Services,<br>Velam Agri Services, Manupatti, Udumalpet – 642 112.                          | Industrial Expert  |
| 6      | Ms. V. Pradeepa<br>Tutor in Department of Microbiology<br>Nandha Medical College and Hospital<br>Perundurai, Erode - 638052              | Alumni             |
| 7      | Dr. N. Kuppuchamy<br>Part – I (Four Semester Language)   | Co – Opted Member  |
| 8      | Dr. A. Hazel Verbina<br>Part – II (Four Semester Language)   | Co – Opted Member  |
| 9      | Dr. S. Gowri<br>Allied   | Co – Opted Member  |
| 10     | Dr. R. Sowrirajan<br>Allied  | Co – Opted Member  |
| 11     | Dr. S. S. Sudha  | Member             |
| 12     | Dr. N. Vidhya  | Member             |
| 13     | Dr. S. Senthil Prabhu  | Member             |
| 14     | Dr. A. M. Ramachandran   | Member             |
| 15     | Dr. C. Sasikala  | Member             |
| 16     | Dr. S. Karthik Sundaram  | Member             |
| 17     | Dr. R. Mahenthiran   | Member             |

|    |                   |         |
|----|-------------------|---------|
| 18 | Dr. J. Devakumar  | Member  |
| 19 | Dr. V. Keerthana  | Member  |
| 20 | Saridha. J (PG)   | Student |
| 21 | Aadhithya. M (UG) | Student |

The HoD and Chairman of the Department of Microbiology welcomed and introduced all the members and appreciated them for their continuous support and contribution for the development of academic standard and enrichment of the syllabus.

The items of the agenda were taken one by one for discussion and the following resolutions were passed.

**Item 21.1** *To review and approve the minutes of the previous meeting held on 11.11.2025.*

The chairman of the Board presented the minutes of the previous meeting held on 11.11.2025 and requested the members to approve. After brief discussion the following resolution was passed.

**Resolution:**

**Resolved to approve the minutes of the previous meeting held on 11.11.2025.**

**Item 21.2:** *To consider and approve the syllabi offered in I semester for students admitted in UG and PG from the academic year 2026-27.*

The chairman presented the detailed scheme and syllabi for the students admitted in UG and PG from the academic year 2026-27.

**New Course Introduced:**

| <b>B. Sc Microbiology</b> |                         |  |
|---------------------------|-------------------------|--|
| <b>Course Code</b>        | <b>Course</b>           | <b>Reason</b>  |
| 26MBU5SA                  | Fermentation Technology | Dr. Murugan and Dr. Gnanadesigan recommended to introduce Fermentation Technology as one of the courses in fifth semester since it is more dynamic and industry-relevant subject in microbiology playing a key role with scope in pharmaceutical, food, beverages, enzymes, and nutraceuticals production industries |

|          |   |  |
|----------|---|--|
| 26MBU5DA | Microbial Product Development                   | Dr. Kulanthaivel and Ms. Pradeepa have recommended for bringing this emerging and industry-oriented course with focus on the discovery, production, formulation, and commercialization of useful products derived from microorganisms in fifth semester to open up an option of entrepreneurship among graduates   |
| 26MBU5DC | Communicable Disease Epidemiology               | Dr. C. Balakumar and Ms. J. Saridha have recommended for bringing a new elective course that will focus on the prevention, and control of infectious diseases caused by microorganisms. Its importance has increased significantly due to emerging infections and global health challenges leading to bigger employability in GO and NGOs.                               |
| 26MBU6CC | Microbial Product Recovery                      | Dr. Kulanthaivel has suggested to incorporate the course, Microbial Product Recovery (Downstream Processing) to learn the techniques of separation, purification, concentration, and formulation of valuable products like enzymes, vaccines and antibiotics obtained from microbial fermentation with better job opportunities in mass production units and industries. |
| 26MBU6DE | Quality Management in Microbiology Laboratories | Dr. Balakumar recommended for introducing Quality Management in Microbiology Laboratories in sixth semester to upgrade the skills of graduates in accreditation and quality assurance with updation in regulatory compliances to maintain high laboratory standards as validation and safety officer in clinical, pharmaceutical, food, and environmental sectors.       |

|          |  |  |
|----------|--|--|
| 26MBU6DF | Clinical Research and Trials               | The board recommended for providing Clinical Research and Trials as a discipline specific elective in sixth semester which plays a key role in evaluating the safety and effectiveness of newly developed drugs, therapeutics, antimicrobial agents, and vaccines. This enables the graduates to be employed as clinical data analyst and clinical operations executive in leading companies |
| 26MBUSSA | Medical coding and Transcription           | Dr. Gnanadesigan suggested to have Medical Coding and Transcription as a self-study paper in sixth semester acquiring skills of data creation and validation in clinical settings with enormous job opportunities in healthcare-support domain that involves converting medical reports, diagnoses, procedures, and laboratory findings.   |
| 26MBUSSB | Scientific content writing in Microbiology | The board recommended to have Scientific Content Writing in Microbiology as one of the self-study papers where the obtained skills will help in creation of quality scientific contents to excel in the field of academics and research  |
| 26MBU5GA | Microbes in Every Day Life                 | Dr. Murugan recommended for changing the open elective course as "Microbes in Everyday" that will cover both the beneficial and harmful roles of microorganisms in daily human activities, environment, health, food, and industry. It helps students understand that microbes are integral part to normal life processes.   |

| M. Sc Microbiology |                           |   |
|--------------------|---------------------------|---|
| Course Code        | Course                    | Reason  |
| 26MBPSSA           | Good Laboratory Practices | The board suggested to introduce Good Laboratory Practices (GLP) as self-study paper where graduates will be aware of internationally recognized principles that ensure the quality, integrity, reliability, and reproducibility of laboratory data. This will play a significant role in employability of graduates in food and pharmaceutical MNCs and imbuing entrepreneurial attributes |

After discussion the following resolution was passed.

**Resolution:**

**Resolved to approve the above mentioned new scheme and syllabus for the UG and PG students admitted for the academic year 2026-27.**

**Item 21.3:** *To review and approve the syllabi for III Semester for the students admitted in UG and PG from the academic year 2025-26.*

The chairman presented the detailed syllabus for the III semester. The members deliberated in detail about the modification required. After discussion it is unanimously decided to adopt the following changes.

After discussion the following resolution was passed.

**Resolution:**

**Resolved to retain the existing syllabus of 2024-25 batch without any modification for the students admitted from the academic year 2025-26.**

**Item 21.4:** *To review and approve syllabi for the V Semester for students admitted in UG from the academic year 2024-25.*

The chairman presented the detailed syllabus for the III semester. The members deliberated in detail about the modification required. After discussion it is unanimously decided to adopt the following changes.

After discussion the following resolution was passed.

**Resolution:**

**Resolved to retain the existing syllabus of 2023-24 batch without any modification for the students admitted from the academic year 2025-26.**

**Item 21.5:** *To approve the panel of examiners for Question paper setting and evaluation of answer scripts for the Odd semester of the academic year 2026-27.*

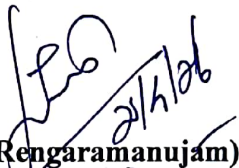
The Chairman presented the panel of Examiners for question paper setting, question paper scrutiny and conduct of practical and theory of examinations are Submitted to CoE for Exam related work.

**Resolution:**

**Resolved to approve the panel of examiners for question paper setting and evaluation of answer scripts for the even semester of the academic year 2025-2026.**

Finally, the Chairman thanked all the members for their cooperation and contribution in enriching the syllabus with active participation in the meeting and sought the same spirit in the future also. The meeting was closed with formal vote of thanks proposed by Dr. J. Rengaramanujam, Head and Chairman – Microbiology.

**Date: 02.04.2026**

  
**(Dr. J. Rengaramanujam)**  
BoS Chairman/HOD  
Department of Microbiology  
Dr N. G. P. Arts and Science College  
Coimbatore - 641 048



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BoS

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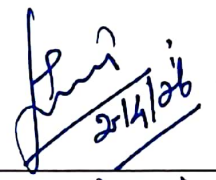
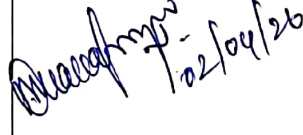

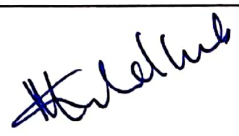

## FACULTY OF BIOSCIENCES DEPARTMENT OF MICROBIOLOGY BOARD OF STUDIES MEETING

VENUE : INSTRUMENTATION ROOM (B1-1302)

DATE : 02. 04. 2026

TIME : 10.00 A.M.

### ATTENDANCE OF THE 21<sup>ST</sup> BOARD OF STUDIES MEETING

| S. No. | NAME   | POSITION  | SIGNATURE   |
|--------|--|---|---|
| 1      | Dr. J. Rengaramanujam<br>Professor and Head<br>Department of Microbiology<br>Dr. N.G.P Arts and Science College<br>Coimbatore – 641 048      | Chairman  | <br>20/4/26   |
| 2      | Dr. M. Gnanadesigan<br>Assistant Professor,<br>Department of Microbial Biotechnology<br>Bharathiar University<br>Coimbatore – 641 046        | Member<br>(Subject Expert<br>Nominated by Vice<br>Chancellor) | <br>20/04/26 |
| 3      | Dr. S. Murugan<br>Associate Professor<br>Karunya University<br>Coimbatore – 641 114  | Member<br>(Subject Expert)                                    |              |
| 4      | Dr. M. Kulandhaivel,<br>Associate Professor<br>Department of Microbiology,<br>Karpagam Academy of Higher Education,<br>Coimbatore – 641 021. | Member<br>(Subject Expert)                                    |              |
| 5      | Dr. C. Balakumar<br>General Manager – Technical Services<br>Velam Agri Services,<br>Manupatti,<br>Udumalpet – 642 112                        | Member<br>(Industrial Expert)                                 |              |

|    |  |                            |  |
|----|--|----------------------------|--|
| 6  | Ms. V. Pradeepa<br>Tutor in Department of Microbiology<br>Nandha Medical College and Hospital<br>Perundurai,<br>Erode - 638052 | Alumini                    | <i>V. Pradeepa</i><br>2/4/26             |
| 7  | Saridha. J (PG)<br>Aadhithya. M (UG)   | Student<br>Representatives | <i>S. Saridha</i><br><i>A. Aadhithya</i> |
| 8  | Dr. N. Kuppuchamy<br>Part - I (Four Semester Language)   | Co - Opted Member          | <i>N. Kuppuchamy</i><br>2/4/26           |
| 9  | Dr. A. Hazel Verbina<br>Part - II (Four Semester Language)   | Co - Opted Member          | <i>A. Hazel Verbina</i><br>2/4/26        |
| 10 | Dr. S. Gowri<br>Allied   | Co - Opted Member          | <i>S. Gowri</i><br>2/4/26                |
| 11 | Dr. R. Sowrirajan<br>Allied  | Co - Opted Member          | <i>R. Sowrirajan</i><br>2/4/26           |
| 12 | Dr. S. S. Sudha<br>Professor, CDC - Coordinator  | Member                     | <i>S. S. Sudha</i><br>2/4/26             |
| 13 | Dr. N. Vidhya<br>Professor   | Member                     | <i>N. Vidhya</i>                         |
| 14 | Dr. S. Senthil Prabhu<br>Professor   | Member                     | <i>S. Senthil Prabhu</i>                 |
| 15 | Dr. A. M. Ramachandran<br>Associate Professor  | Member                     | <i>A. M. Ramachandran</i>                |
| 16 | Dr. C. Sasikala<br>Professor   | Member                     | <i>C. Sasikala</i>                       |
| 17 | Dr. S. Karthiksundaram<br>Associate Professor  | Member                     | <i>S. Karthiksundaram</i>                |
| 18 | Dr. R. Mahenthiran<br>Associate Professor  | Member                     | <i>R. Mahenthiran</i>                    |
| 19 | Dr. J. Devakumar<br>Assistant Professor  | Member                     | <i>J. Devakumar</i>                      |
| 20 | Dr. V. Keerthana<br>Assistant Professor  | Member                     | <i>V. Keerthana</i>                      |