

MINUTES OF THE MEETING OF THE BOARD OF STUDIES HELD ON 24TH AUGUST, 2023

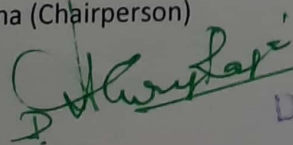
The Meeting of the Board of Studies (BoS) of the Microbiology Department was held on 24th August, 2023 in which the following were the members:

1. Dr.K.Jenitha Head of the Department - Chairperson.
2. Dr. D.K.Helen Sheebha Faculty member
3. Dr.P.Jasmine Beula Faculty member
4. Dr.C.R.Shalini Mol Faculty member
5. Dr.P.W.Jeba Malar Faculty member
6. Dr.Neeta.V.M.Joshi Faculty member
7. Dr.B.Josephin Sheeba Faculty member
8. Dr.R.Bright Faculty member
9. Dr.P.J.Beena Faculty member
10. Dr.P.Kiruthika Lakshmi Subject expert – 1 (from outside the parent university)
11. Dr.Shalom Gnana Thanga Vincent Subject expert – 2 (from outside the parent university)
12. Dr.Joys Selva Mary Albert Subject expert (Nominated by the VC)
13. Mrs.A.K.Ramya Representative (from industry/corporate sector/allied area relating to placement)
14. Ms.Gamma Mohan Postgraduate meritorious alumnus

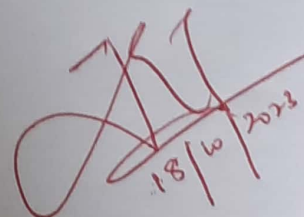
The meeting of the Board of Studies of the Microbiology Department was held at 10 am on 24th August, 2023 in the Department of Microbiology.

In the beginning, the Chairperson introduced and welcomed the members. The Chairperson also acknowledged and appreciated the significant contributions of the outgoing members old members list to be enclosed here

1. Dr.Victor Prabhakaran (Subject expert)
2. Dr.Raja Brintha (VC Nominee)
3. Mrs.T.Usha Maheshwari (Microbiologist)
4. Mrs.Gopika Goban (Meritorious Alumnus)
5. Dr.K.Jenitha (Chairperson)



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6. Dr.D.K.Helen Sheebha (Faculty member)
7. Dr.P.Jasmine Beula (Faculty member)
8. Dr.C.R.Shalini Mol (Faculty member)
9. Dr.P.W.Jeba Malar (Faculty member)

The following were the Minutes of meeting:

Minute No	Minutes
1	<p>(i) It was resolved to follow the same TANSCHÉ syllabus as such for one semester for I UG.</p> <p>(ii) It was resolved to make a some additions in the I PG syllabus in Bioinstrumentation course, which is elective-II of semester I (II, IV & V Units).</p> <p>The changes are as follows:</p> <p>Unit- II.</p> <p style="padding-left: 40px;">2.5 Atomic Absorption Spectroscopy (AAS)</p> <p style="padding-left: 40px;">2.6 NMR</p> <p style="padding-left: 40px;">2.7 FTIR</p> <p style="padding-left: 40px;">2.8 Flame photometry</p> <p>Unit-IV.</p> <p style="padding-left: 40px;">4.7 Ultrasound</p> <p style="padding-left: 40px;">4.8 X-Ray</p> <p>Unit-V.</p> <p style="padding-left: 40px;">5.3 Fluorescence microscope</p> <p style="padding-left: 40px;">5.4 Confocal Fluorescence microscope</p> <p style="padding-left: 40px;">5.5 White-field (WF) Fluorescence microscope</p> <p>(iii) It was resolved to have value added courses namely Enterpreneural Food Microbiology, Natural Cosmetic Science, Algal and Mushroom Cultivation Technology and Solid Waste Management discussed.</p> <p>(iv) For all value-added courses uniformity in the number of modules to be maintained.</p> <p>(v) In the value-added courses, named Enterpreneural food microbiology, it was resolved to add preparation of probiotic drinks & quality analysis of the products.</p> <p>(vi) In the value-added course, Solid waste management-it was resolved to add the source of composting, degradation of paper waste using microbes, Bioplastic production-using banana fibre and repetitions were deleted.</p> <p>(vii) In the value-added course Algal and Mushroom cultivation technology it was resolved to add the following:</p> <p style="padding-left: 40px;">a. Mother spawn preparation by tissue culturing method</p> <p style="padding-left: 40px;">b. Value addition of Mushroom (Soups, Noodles, Pasta, Cutlet, Pickles etc)</p> <p style="padding-left: 40px;">c. Qualitative analysis of carbohydrates, proteins, fats to be added in mushroom technology.</p> <p>In Algal technology, the following are to be added:</p> <p style="padding-left: 40px;">a. Bed preparation for Azolla</p>

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- b. Inoculum production
 - c. Harvesting
 - d. Drying
 - e. Feed stock for poultry, cattle's and fishes.
- (viii) For all value added courses it was resolved to take the students to field visits related to particular course in each semester.
- (ix) Thus the meeting came to an end by carrying out the following changes.

2 Core/Elective courses with local/regional/national/global relevance

(i)

Name of the Course	Course Code	Relevance to the local, national, regional and global developmental needs.
23AY01	Basic & Clinical Biochemistry	Global development
23PYEA	Social Preventive Medicine	Global development
	Health & Hygiene	Global development

(ii) Courses for employability/ entrepreneurship/ skill development

Name of the Course	Course Code	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
23PY12	Immunology, Immunomics & Microbial Genetics	Employability
23PYEB	Bioinstrumentation	Employability

(iii) Value-added courses for imparting transferable and life skills (Min. 30 hours)

Name of the Course	Course Code	Transferable and life skill development
Algal and Mushroom Cultivation Technology		Mushroom cultivation and Entrepreneurship training

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Entrepreneurial Food Microbiology

Entrepreneurship training

3

Introduction of field projects/ internships / student projects from the academic year 2023-2024.

(UG & PG degree program)

Name of the Programme	Semester	Field project/internship/student project	Duration
PG Microbiology	III	Student Project	6 Months
PG Microbiology	II	Internship	15-30 days
UG Microbiology	VI	Student Project	6 Months

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Department of Microbiology

Minutes of the Board of Studies Meeting on 24/06/2023

The experts who attended the meeting are as follows:

1. Dr. Joys Selva Mary Albert
Assistant Professor and Head,
Department of Microbiology,
St. Mary's College,
Tuticorin. VC Nominee
2. Dr. P. Kiruthika Lakshmi
Assistant Professor,
Department of Microbiology,
Madura College of Arts and Science,
Madurai. Subject Expert (ONLINE)
3. Mrs. A. K. Ramya
Managing Director,
Veridian Micro Lab Pvt Ltd in Association with
Golden Jubilee Biotech Park for Women,
Kelambakkam Bus Depot,
Kelambakkam,
Chennai. Industrialist (ONLINE)
4. Ms. Gamma Mohan (Ph.D)
Research Scholar,
Malankara Catholic College,
Mariagiri,
K.K. Dist. College Alumni (ONLINE)

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24/06/23

The internal members who attended the meeting are as follows:

1. Dr. K. Jenitha (Chair Person)
2. Dr. D. K. Helen Sheebha (Faculty Member)
3. Dr. P. Jasmine Beula (Faculty Member)
4. Dr. C. R. Shalini Mol (Faculty Member)
5. Dr. P. W. Jeba Malar (Faculty Member)
6. Dr. Neeta. V. M. Joshi (Faculty Member)
7. Dr. B. Josephine Sheeba (Faculty Member)
8. Dr. R. Bright (Faculty Member)
9. Dr. P. J. Beena (Faculty Member)

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Dr. D. HENRY RAJA
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