



SRI VIDYA MANDIR ARTS & SCIENCE COLLEGE

(Autonomous)

(An Autonomous College Affiliated to Periyar University, Salem)

(Accredited by NAAC with 'A' Grade [3.27])

(Recognised 2(f) & 12(B) under UGC Act of 1956)

Vignesh Nagar, Katteri – 636 902, H. Eachampadi (Via)

Uthangarai (Tk), Krishnagiri (Dt), Tamil Nadu

Minutes of the Second Postgraduate Board of Studies Meeting in PG

Department of Zoology of Sri Vidya Mandir Arts & Science College

(Autonomous)

Date: 27.08.2021 (Friday)

Time: 11.00 p.m.

Mode: Virtual Mode (Zoom App)

The Board of Studies Meeting of the PG Department of Zoology of the Sri Vidya Mandir Arts & Science College (Autonomous) was conducted as per the guidelines of the University Grants Commission (UGC) on 27.08.2021 at 02.30 p.m. through Online Platform

(Zoom

App

Link:

<https://us02web.zoom.us/j/84567094282?pwd=cm8zamdVdlRXYmx2dUVoekJhYjVQUOT09>).

The following Members were present in the meeting.

A meeting of the Board of studies in Zoology for the Post graduate course was held on 27.08.2021 at 2.30 p.m. Dr. M. Murali, Head of the Department and Chairperson, Board of studies addressed the gathering with a warm welcome. After the discussion on the post graduate course syllabus was analysed in detail. The following suggestions were put forth for discussion.

1.	Dr. M. Murali, M.Sc., M.Phil., Ph.D. Assistant Professor & Head PG Department of Zoology Sri Vidya Mandir Arts & Science College (Autonomous) Katteri – 636 902, Uthangarai (Tk) Krishnagiri (Dt.), Tamil Nadu	Chairman
2.	Dr. S. Kannan, M.Sc., M.Phil., Ph.D., PDF Professor & Head Department of Zoology, School of Life Sciences	University Nominee

	Periyar University Periyar Palkalai Nagar, Salem – 636 011 Tamil Nadu	
3.	Dr. J. Ronald, M.Sc., M.Phil., Ph.D. Associate Professor Department of Zoology St Xavier's College (Autonomous) Palayamkottai – 627 002, Tamil Nadu	Subject Expert from Outside the Parent University
4.	Dr. R. Rajakumar, M.Sc., B.Ed., M.Phil., Ph.D. Associate Professor PG& Research Department of Zoology & Biotechnology A.V.V.M. Sri Pushpam College (Autonomous) Poondi – 613 503, Thanjavur, Tamil Nadu	Subject Expert from Outside the Parent University
5.	Dr. S.S. Vinu, M.Sc., M.Phil., Ph.D. Managing Director Amazing Biotech Private Limited No. 14d Floor, Durgalakshmi Apartment, 10 th Cross Street, Villupuram – 604 303, Tamil Nadu	Industrial Representative
6.	Mr. M. Gubendiran, M.Sc., M.Ed., M.Phil. Assistant Professor PG Department of Zoology Sri Vidya Mandir Arts and Science College (Autonomous), Katteri – 636 902, Uthangarai (Tk), Krishnagiri (Dt.), Tamil Nadu	Member
7.	Dr. D. Kalaiselvan, M.Sc., M.Phil., Ph.D. Assistant Professor PG Department t of Zoology Sri Vidya Mandir Arts and Science College (Autonomous), Katteri – 636 902, Uthangarai (Tk), Krishnagiri (Dt.), Tamil Nadu	Member
8.	Dr. G. Dineshkumar, M.Sc., M.Phil., Ph.D. Assistant Professor PG Department t of Zoology Sri Vidya Mandir Arts and Science College (Autonomous), Katteri – 636 902, Uthangarai (Tk), Krishnagiri (Dt.), Tamil Nadu	Member
9.	Dr. R. Mekala, M.Sc., M.Phil., Ph.D. Assistant Professor PG Department of Zoology Sri Vidya Mandir Arts and Science College	Member

	(Autonomous), Katteri – 636 902, Uthangarai (Tk), Krishnagiri (Dt.), Tamil Nadu	
10.	Dr. N. Sandhiya, M.Sc., M.Phil., Ph.D. Assistant Professor PG Department of Zoology Sri Vidya Mandir Arts and Science College (Autonomous), Katteri – 636 902, Uthangarai (Tk), Krishnagiri (Dt.), Tamil Nadu	Member

Dr. M. Murali, the Chairman of the Board of Studies welcomed the University Nominee, Subject Experts, and Industrial Representative and other Members of the Board of Studies. In his introductory speech, he appreciated the members for their active participation in the curriculum revision process and he explained the details of Agenda and the academic matters to be discussed. The Agenda of the Meeting was taken up for discussion.

AGENDA

1. To revise the Syllabus of the First Year PG Programme in Zoology
2. To approve the syllabus of Certificate, Diploma and Add-On Courses
3. To approve the panel of question paper setters, question paper scrutinizers and answer scripts evaluators (both theory and practical)

AGENDA – I

To revise the Syllabus of the First Year Undergraduate (M.Sc. Zoology) Programme for the academic year 2021-2022 and thereafter.

RESOLUTION

It was resolved to approve the following modifications and finalize the first year M.Sc. Zoology Programme syllabus.

i. **Biology of Invertebrates - Semester – I**

In Unit– III add in Digestive system in invertebrates

In Unit- IV some topics reduced (Chemical co-ordination – Neruohumors – Nneruohormones)

ii. **Biology of Chordata - Semester – I**

In Unit –II the Biology and Adaptive features of Anura – Urodela are Removed

iii **Cell and Molecular Biology – Semester – I**

In Unit – IV Transcription and Translation are removed and some topics are included -DNA damage and repair mechanisms etc.

iv **Biochemistry – Semester – I**

In Unit –I may be modified.

Major Elective Courses

i **Applied Entomology (Elective –I) – Semester – I**

In Unit – I remove the ‘Classification of Insects up to order with examples for each order-Identification of Insects using Insect keys

In Unit-IV -Insects as human food for future are included

In unit –V- Mechanical- Biological-Chemical and Legislative methods are removed

ii **Pathology and Clinical Laboratory Techniques (Elective –I) – Semester – I**

In Units-I & III - may be modified

iii **Biological Techniques (Elective –I) – Semester – I**

In Unit-I the committee removed Phase contrast microscopy – Interference microscopy – Dark field- Polarization - Fluorescence and X-ray microscopy

iv Core Practical – I

No any changes

v Animal Physiology and Endocrinology- Semester -II

In Unit-II – replaced some topics

vi Molecular genetics –Semester -II

In Unit-III – replaced some topics (**Mutation** – Types (lethal, conditional and biochemical) causes and Detection – Loss of function)

In Unit-IV– added some topics (Genetic diseases (gout, hypercholesterolemia, cystic fibrosis, phenylketonuria, hemophilia, and muscular dystrophy)

vii Vermitechnology EDC –semester –II

In Units-III& IV- some topics are added

viii- Wild Life Management- EDC –semester –II

In Unit-IV replaced and add Conservation tools

In Unit –V Totally replaced and add Conservation education, awareness and implementations

ix Cancer and Stem Cell Biology Elective –semester –II

In Unit-I- add Cell birth, Lineage and cell death

In Unit-V- removed some topic (Therapeutic cloning. Ethical and Social consideration of Stem cell research)

In Unit-V- Add Therapeutic application- neurodegenerative disorders, spinal cord injury, heart diseases, diabetes, tissue engineering

x- Microbiology -Elective –semester –II

In Unit-V- replace in to IV unit

In Unit- V- totally replaced & add Industrial microbiology

xi – Biotechnology -Elective –semester –II

In Unit- V- totally replaced in some topics of Nano biotechnology field

xii – major Lab-II

No any changes

AGENDA – II

To approve the Syllabus of Certificate, Diploma and Add-On Courses.

RESOLUTION

- It was resolved to approve the syllabus of Certificate Courses
 1. Apiculture
 2. Ornamental fish culture
- It was resolved to approve the syllabus of Add-On Courses
 1. Vermitechnology
 2. Poultry Science
 3. Aquaculture and its Management
- It was resolved to approve the syllabus of Diploma Courses
 1. Medical laboratory techniques
 2. Food and Health hygienic

AGENDA – III

To recommend the Panel of Question Paper Setters, Question Paper Scrutinizers and Answer Scripts Valuers (Both Theory and Practical) for the approval of the Academic Council.

RESOLUTION

- It was resolved to recommend the 30 Question Paper Setters and 5 Question Paper Scrutinizers (Scrutinizers) for the M.Sc. Zoology Programme towards the approval of the Academic Council.
- In accordance with the Periyar University regulations, it was resolved to recommend the teaching faculties with a minimum teaching experience of five

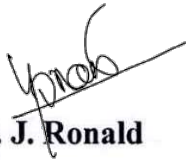
years for theory and practical answer scripts evaluation of semester examinations, for the approval of the Academic Council.

Dr. R. Mekala, Assistant Professor, PG Dept. of Zoology proposed the vote of thanks.


The Committee unanimously recommended to finalize the syllabi for both PG Programme after completion of all the suggested corrections / modifications.

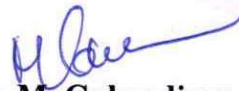

Dr. M. Murali


Dr. S. Kannan


Dr. J. Ronald


Dr. R. Rajakumar


24/11/2021
Dr. S.S. Vinu


Mr. M. Gubendiran


Dr. D. Kalaiselvan


Dr. G. Dineshkumar


Dr. R. Mekala


Dr. N. Sandhiya