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 Botany of Sri Vidya Mandir Arts & Science College (Autonomous)

Date: 26.08.2021 (Thursday) **Time: 04.00 p.m.**

Mode: Virtual Mode (Zoom App)

The Second Postgraduate Board of Studies Meeting of the PG Department of Botany of the Sri Vidya Mandir Arts & Science College (Autonomous) was conducted as per the guidelines of the University Grants Commission (UGC) on 26.08.2020 at 04.00 p.m. through Online Platform **(Zoom App Link: https://us02web.zoom.us/j/81732893047?pwd=Rk5STmdsbTBVd1dNZk5LY2JWUmhmUT09)** platform. The following Members were present in the meeting.

1.	**Dr. V. Chinnadurai, M.Sc., B.Ed., M.Phil., Ph.D.** Assistant Professor PG Department of Botany Sri Vidya Mandir Arts & Science College (Autonomous) Katteri 636 902, Uthangarai (Tk), Krishnagiri (Dt.), Tamil Nadu	Chairman
2.	**Dr. K. Selvam, M.Sc., M.Phil., Ph.D.** Professor & Head Department of Botany, School of Life Sciences Periyar University Periyar Palkalai Nagar 636 011, Salem (Dt), Tamil Nadu	University Nominee

3.	**Dr. S. Murugesan, M.Sc., B.Ed., M.Phil., Ph.D.** Associate Professor & Deputy HOD PG & Research Dept. of Botany, Pachaiyappa s College, Chennai (Dt), Tamilnadu.	PG Subject Expert
4.	**Dr. S. Sahaya Sathish, M.Sc., M.Phil., Ph.D.** Associate Professor, Dean of Biological Sciences, Department of Botany, St. Joseph s College, Thiruchirapalli (Dt), Tamilnadu.	PG Subject Expert
5.	**Dr. Narendra Sivaswamy, M.Sc., M.Phil., Ph.D.** Director Technical, Biotech Division Synkromax Biotech Private Limited Athipattu Village 631 210, Thiruvallur (Dt), Tamil Nadu.	Industrial Representative
6.	**Mrs. N. Pushpalatha, M.Sc., B.Ed., M.Phil.** Assistant Professor PG Department of Botany Sri Vidya Mandir Arts & Science College (Autonomous) Katteri 636 902, Uthangarai (Tk), Krishnagiri (Dt.), Tamil Nadu.	Member
7.	**Dr. R. Vinoth Kumar, M.Sc., M.S., (Bio-Med.), B.Ed., Ph.D.** Assistant Professor PG Department of Botany Sri Vidya Mandir Arts & Science College (Autonomous) Katteri 636 902, Uthangarai (Tk), Krishnagiri (Dt.), Tamil Nadu.	Member
8.	**Dr. B. Sathishkumar, M.Sc., M.A. Ph.D.** Assistant Professor PG Department of Botany Sri Vidya Mandir Arts & Science College (Autonomous) Katteri 636 902, Uthangarai (Tk), Krishnagiri (Dt.), Tamil Nadu.	Member
9.	**Dr. K. Murugesan, M.Sc., Ph.D.** Assistant Professor PG Department of Botany Sri Vidya Mandir Arts & Science College (Autonomous) Katteri 636 902, Uthangarai (Tk), Krishnagiri (Dt.), Tamil Nadu.	Member
10.	**Ms. V. Dhaarani, M.Sc., Ph.D.** Assistant Professor	Member

	PG Department of Botany Sri Vidya Mandir Arts & Science College (Autonomous) Katteri 636 902, Uthangarai (Tk), Krishnagiri (Dt.), Tamil Nadu.	

A meeting of the Board of studies in Botany for the Post graduate course was held on 26.08.2020 at 04.00 P.M. Dr. V. Chinnadurai, Assistant Professor of the Department and Chairperson, Board of studies addressed the gathering with a warm welcome. After the discussion on under-graduate syllabus the post graduate course syllabus was analysed in detail. The following suggestions were putforth for discussion.

AGENDA

1. To revise and finalize first year syllabus of the M.Sc. Botany Programme for the academic year 2021-2022 and thereafter.
2. To recommend the Panel of Question Paper Setters, Question Paper Scrutinizers and Answer Scripts Valuators (Both Theory and Practical) for the approval of the Academic Council.

The resolutions made in

The following points were discussed during the Meeting. The resolutions made in the Meeting are given below:

RESOLUTIONS

AGENDA I

To revise and finalize first year syllabus of the M.Sc. Botany Programme for the academic year 2021-2022 and thereafter.

RESOLUTION

It was suggested to

- ✓ If possible separately allotted microbiology practical in Semester 1.
- ✓ In front page, Knowledge Level part suggested to change the Short Answers into Analytical Answer.

Modifications were suggested in the following papers:-

1. **Plant Diversity I (Semester 1)**
   - Accepted include of **life history** and **remove of culture and cultivation of freshwater and marine algae** in Unit II.
   - Suggest carried of classification of fungi by **G. C. Ainsworth** in Unit III.
   - Accepted deletion of **Range of gametophytes and sporophytes in Bryophytes** in unit V.
   - Accepted remove of Funaria from Unit V.
2. **Plant Diversity II (Semester 1)**
   - Accepted include of **Homospory, Telome theory, Morphogenesis** in Unit I.
   - Accepted remove of **Range of, and, Phylogeny and words** from Unit III.
3. **Microbiology and Plant pathology (Semester 1)**
   - Accepted remove of **cultivation and significance of virus, prions** in Unit I.
   - Accepted remove of **Koch s Postulates** from Unit IV.
   - Accepted remove of **Tobacco mosaic disease (TVM)** from Unit V.
4. **Core Practical 1 (Semester 1)**
   - Accepted to remove and add in practical syllabus of following topics based on syllabus modification. They are **Spirulina** removed and **Diatoms** added.
   - Removed the topic of Plasmodiophora, Phytophyhora, Usnea as per syllabus modification.
   - Removed Funaria as per syllabus modification.
   - Removed Tobacco Mosaic Virus as per syllabus modifications.
5. **Elective I (Algal Biotechnology) (Semester 1)**
   - No correction
6. **Plant Systematics (Semester 2)**
   - Accepted remove of **Phenotypic Plasticity** in Unit I.
   - Accepted include of **Rhamnaceae** and remove of **Fabaceae** in Unit II.
   - Accepted include of Loranthaceae in Unit V.
7. **Anatomy, Embryology of angiosperms and microtechniques (Semester 2)**
   - In Unit I, accepted the deletion of **regarding shoot and root apex apical cell theory, Histogen theory, Tunica corpus theory quiescent centre, Complex tissue: xylem and Phloem elements. Difference between primary**

and secondary structure of xylem and phloem, Difference between primary and secondary structure of xylem and phloem.

- Accepted include of **Embryosac types Polygonum type of embryosac development** in Unit IV.
- Accepted include of **dicot and monocot** in Unit V.
- Accepted deletion of **Embryology in relation to taxonomy** in Unit V.

8. **Cell Biology, Genetics and Molecular Biology (Semester 2)**
   - In Unit I, accepted include of **Chloroplast, remove of plastids and modification of structure and function of cytoskeleton and its role in motility.**
   - Accepted remove of **cell division and, different phases in cell cycle** in Unit II.
   - Accepted remove of **Population genetics Hardy Weinberg Law** in Unit IV.
9. **Core Practical 2 and 3 (Semester 2)**
   - Include and Deletion are made based on it syllabus modifications.

AGENDA II

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

RESOLUTION

- It was resolved to recommend the 30 Question Paper Setters and 12 Question Paper Scrutinizers (Scrutinizers) for the B.Sc. Botany 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 two years for theory and practical answer scripts evaluation of semester examinations, for the approval of the Academic Council.

Dr. K. Murugesan, Assistant Professor, PG Dept. of Botany proposed the vote of thanks. The meeting concluded at 5.00 P.M.

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

The following members attended the meeting:

1. Dr. V. Chinnadurai
2. Dr. K. Selvam
3. Dr. S. Murugesan
4. Dr. S. Sahaya Sathish
5. Dr. Narendra Sivaswamy
6. Mrs. N. Pushpalatha
7. Dr. R. Vinoth Kumar
8. Dr. B. Sathishkumar
9. Dr. K. Murugesan
10. Ms. V. Dhaarani