



# **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 First Undergraduate (B.Sc. Botany) Board of Studies Meeting in Botany of Sri Vidya Mandir Arts & Science College (Autonomous)**

**Date: 10.09.2020 (Thursday)      Time: 04.00 PM      Mode: Online (Zoom App)**

The first Board of Studies Meeting for Undergraduate (B.Sc. Botany) Programme of the PG Department of Botany, Sri Vidya Mandir Arts & Science College (Autonomous) was conducted as per the guidelines of the University Grants Commission (UGC) on 10.09.2020 at 04.00 PM through Online (Zoom App) Platform. The following Members were present in the meeting.

### **Members Present**

- 1. Dr. A. Selvaraju** **Chairman**  
Assistant Professor & Head  
PG Department of Botany  
Sri Vidya Mandir Arts & Science College (Autonomous)  
Katteri – 636 902, Uthangarai  
Krishnagiri District, Tamil Nadu
- 2. Dr. K. Selvam** **University Nominee**  
Professor & Head  
Department of Botany  
School of Life Sciences  
Periyar University, Periyar Palkalai Nagar  
Salem – 636 011, Tamil Nadu
- 3. Dr. D. Kathiresan** **(Subject Expert from  
Outside the Parent  
University)**  
Associate Professor & Deputy HOD  
Department of Botany  
Saraswathi Narayanan College (Autonomous)  
Perungudi – 625 022, Madurai, Tamil Nadu

4. **Dr. D. Kandavel** (Subject Expert from Outside the Parent University)  
Associate Professor  
Department of Botany  
Periyar EVR College (Autonomous)  
Tiruchirappalli– 620023, Tamil Nadu
5. **Dr. Narendra Sivaswamy** (Industrial Representative)  
Director Technical  
Synkromax Biotech Private Limited Biotech Division  
Athipattu Village, Tiruttani Taluk – 631 210  
Thiruvallur District, Tamil Nadu
6. **Mrs. N. Pushpalatha** (Member)  
Assistant Professor  
PG Department of Botany  
Sri Vidya Mandir Arts & Science College (Autonomous)  
Katteri – 636 902, Uthangarai  
Krishnagiri District, Tamil Nadu
7. **Dr. V. Chinnadurai** (Member)  
Assistant Professor  
PG Department of Botany  
Sri Vidya Mandir Arts & Science College (Autonomous)  
Katteri – 636 902, Uthangarai  
Krishnagiri District, Tamil Nadu
8. **Dr. R. Vinoth Kumar** (Member)  
Assistant Professor  
PG Department of Botany  
Sri Vidya Mandir Arts & Science College (Autonomous)  
Katteri – 636 902, Uthangarai  
Krishnagiri District, Tamil Nadu

Dr. A. Selvaraju, Chairman of the Board of Studies Welcomed the University Nominee, Subject Experts, Industrial Representative and other Members. During his introductory speech, he briefed the details of Agenda and the academic matters to be discussed. Prior to this Board of Studies Meeting, the B.Sc. Botany Programme syllabi was sent to all the Board of Studies Members by e-mail and the following

corrections/modifications/suggestions received from the Members were carried out completely and submitted the revised syllabi for the Board of Studies Meeting.

1. In Core course X– Microbiology and Plant Pathology is having sections on Bacteria and viruses. It is repeated from Plant Diversity-I. So, these topics can be removed from Plant Diversity- I and retained in Microbiology course.
2. In Core paper III – Plant Anatomy, Embryology of Angiosperms and Microtechniques. Unit I should have the following as: Meristems – Origin and Classification - Root apex and Shoot apex - theories (Apical, Histogen and Tunica-carpus theory).
3. In Core course V– Plant Morphology, Taxonomy of Angiosperms and Economic Botany - In Unit II change ICBN to ICN.
4. In Core course IX– Plant Ecology, Phytogeography and Resource Conservation - Compare the syllabus with EVS paper. There are repetitions here. In Elective II, Forestry can be merged with this course, if possible. A new Elective course on Food and Nutrition may be proposed, if possible.

The Agenda of the Meeting was taken up for discussion. The following points were discussed during the Meeting. The resolutions made in the BOS Meeting are given below:

### **AGENDA**

- 1. Formulation and finalization of syllabi for the B.Sc. Botany Programme for the academic year 2020-2021 and thereafter.**
- 2. To prepare the scheme of examinations and question paper pattern.**

### **RESOLUTIONS**

- The Committee appreciated the formulation of syllabi for B.Sc. Botany Programme on Outcome Based Education (OBE) basis to meet out the criteria of the Educational Empowerment and Social Relevance.
- The Committee also appreciated the framing of syllabi including UGC, TANSCH, CSIR-NET, SET, JEST and GATE Syllabi.

- The Committee appreciated the neat presentation of the B.Sc. Botany Programme Structure in table format with nature of course, course codes, course titles, lecture hours, practical hours, credits and marks for all the courses.
- The Committee suggested to arrange the courses in each semester according to the availability of flora.
- The Committee recommended to modify the title of Diversity Courses according to necessity.
- According to the Committee's opinion, the field trips and research station visits can be carried out in each semester based on the requirement.
- The Committee necessitates conducting of practical exams each semester.

In addition, the committee suggested the following corrections / modifications / suggestions in the submitted syllabi.

1. In Core Course – I: Plant Diversity – I

In all the Units, the course content to be reduced. (to fit for the contact hours)

Unit – III to be split into two units and one among them to be positioned in the place of Unit –V by removing the actual Unit – V.

2. In Core Course – II: Plant Diversity – II

In all the Units, the course content to be reduced.

In Unit –V, the fossil forms to be reduced.

3. In Core Course – IV: Cell and Molecular Biology

In Unit – IV, Protein Synthesis – transcription and translation to be shifted and placed near the Central dogmain Unit – V.

4. In Core Course – X: Microbiology and Plant Pathology

Sterilization techniques to be removed in Unit – II.

5. In Core Practical –III

The mark for biochemical instrument to be increased.

6. In Elective Courses

Additional elective course to be incorporated as an optional course.

7. In Skill Based Elective Course –V: Seed Technology

The seed certification topic in Unit – IV to be removed.

8. In all the Courses of the Programme:

Uniformity to be followed in providing Reference and Text Books, such as Author Name (s), Book Name, Publisher, Edition, Volume Number and Year of Publication.

Latest Books to be included.

Link for e-books to be given.

9. Some of the spelling mistakes/typo errors found in the syllabi must be corrected. For instance:

In Core Course – IV: Cell and Molecular Biology

Unit –IV – 3<sup>rd</sup> line – Prokarotic to be corrected as Prokaryotic.

In Skill Based Elective Course – IV: Medico-Ethno Botany

Unit – III – 4<sup>th</sup> line – *Catharanthes* to be corrected as *Catharanthus*

The Committee discussed about the Question Paper Model and Structure and unanimously Recommended the following the current Question Paper Model.

- ❖ Maximum marks for theory examination will be 100 marks, out of which 75 marks will be allotted for the End Semester Examination (ESE) and 25 marks will be distributed for internal examination (CIA).
- ❖ Part A in End Semester Examination will be conducted in the form of Objective Type Questions for 15 marks ( $15 \times 1 = 15$  marks)

- ❖ For Part B, it is suggested to conduct the examination with 5 questions (each unit should contain one question). Out of the 5 questions, 3 questions to be answered ( $3 \times 5 = 15$  marks)
- ❖ 5 questions in either or pattern (each unit should contain one either or type question) were suggested to ask in Part C ( $5 \times 9 = 45$  marks)
- ❖ Duration of the exam will be 3 hours.

11. Internal Assessment for 25 marks is suggested to follow the following manner

- a. Written examination (CIA) for 15 marks
- b. Assignment for 5 marks
- c. Attendance for 5 marks

**The Committee unanimously recommended to finalize the syllabi for B.Sc. Botany Programme after overviewed the corrected/modified syllabi.**

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