



SRI MEENAKSHI GOVERNMENT ARTS COLLEGE FOR WOMEN (A)

MADURAI- 625 002

(Affiliated To Madurai Kamaraj University)

(Re-Accredited With 'A' Grade in 3rd Cycle by NAAC)

Department of Botany

Minutes for PG Board of Studies Meeting

The Board of studies Meeting for PG was convened in the department of Botany (Venue UG lab) at 9.30 am on 28.07.2022. The following members were present:

University Nominee:

1. **Dr.K.Saraswathi**, Assistant Professor of Botany, Thiagarajar College, Madurai.

Subject Experts:

1. **Mrs.G.Priscilla Sweetlin**, Assistant Professor & Head, Department of Botany, Lady Doak College, Madurai.
2. **Dr.S.Lalitha**, Assistant Professor, Department of Botany, School of Life Science, Soil Biology & PGPR Lab, Periyar University, Salem.

Industrial Expert:

1. **Mr.R.Ramanakumar**, Proprietor, APPLE INDEX, Poly House and Automation Systems, Trichy.

Student Nominee:

1. **Dr.S.Mathipriya**, P.G.Assistant in Botany, Sourashtra Boys Hr. Sec. School, Madurai.

All Faculty members of Botany department were present and the syllabus for PG Botany Courses were discussed in detail and following resolution were made.

1. CC1: Unit I: Phylogenetic trends in algae to be included in Unit II.

Unit II: Culture and cultivation of fresh water algae and marine algae, Sea weed

Cultivation, Processing and its applications to be deleted.

Unit III: Culture of Fungi to be deleted.

2. CC III: Unit IV: Mutation: Types- Duplication, Deletion, Inversion, Translocation to be included. Hardy - Weinberg Law to be included in Unit V.

Unit V: To include Genetic Drift, Adaptive variations and mimicry.

3. DSEC I: Seed Technology: Unit IV: Seed Certification- NBPGR to be included.

4. CCVII: Unit III: Biological sewage treatment, Food adulteration- Causes, Types, methods and some commonly adulterated foods in the market to be deleted.

To include Different methods of food preservation-Drying, Freezing, Smoking,

Salting and Pickling. Food Poisoning –Food Intoxication, Food infections.

5. DSEC II: Environmental Bioresource Management: Unit IV: Kyoto Conference to be

mentioned as Kyoto Protocol. Climate Change Summit 2021 to be included.

Unit V: Biosphere resources to be deleted.

6. SECII: Unit V: Disposal of spent mushroom substrate to be mentioned as re spent mushroom substrate.
7. CC IX: Unit I: To include IPNI, Biodiversity Portal and Plants of World On
8. CC X: Unit I: To include Potassium ion theory and Starch hydrolysis theory Stomatal Physiology.
9. CC XI: Unit I: To include AFM and STM in Microscopy.
Unit II: To include HPTLC instead of HPLC.
10. NMEC: Unit V: Seaweed Manure to be included.
11. CC XIV: Unit III: To include breakdown of fatty acid synthesis.
To delete a general account of alkaloids and flavonoids.
12. CCXV: Practical paper IV: 10. To include Cellulase instead of Peroxidas Measurement of Enzyme Activity.
13. DSEC IV: Unit IV: To include Cultivation of Seaweeds, Preparation of S Manure –Liquid, Gel and Granules.


Question Pattern for PG:

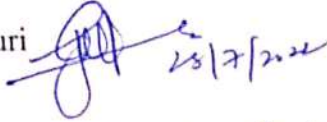
Section A: Either or pattern $5 \times 5 = 25$

Section B: Either or pattern $5 \times 10 = 50$

Attainment Level for PG: K1, K2, K3, K4


The syllabus for PG as placed in the BOS meeting approved.

1. Dr.G.Grace Lydial Pushpalatha  28/7/2022

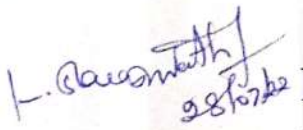
2. Dr.G.Mangai Kasthuri  28/7/2022

3. Dr.M.P.Sivasankari  28/7/22

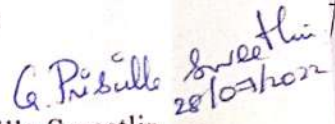
4. Dr.S.M.Janetta Nithia  28/7/2022

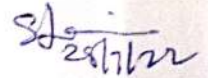
5. Dr.I.Sobha Kumari  28/7/2022

University Nominee

Dr. K. Saraswathi  28/7/22

Subject Expert

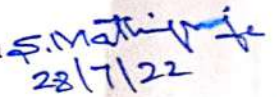
1. Mrs. G. Priscilla Sweetlin  28/07/2022

2. Dr. S. Lalitha  28/7/22

Industrial Expert

Mr. R. Ramanakumar  28/7/22

Student Nominee

Dr. S. Mathipriya  28/7/22