



SRI MEENAKSHI GOVERNMENT ARTS COLLEGE FOR WOMEN (A)

MADURAI- 625002

(Affiliated To Madurai Kamaraj University)

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

Department of Botany

Minutes of the UG Board of Studies Meeting

The Board of Studies Meeting for UG was convened in the Department of Botany (Venue- UG Lab) on 28.07.2022 at 11.30 am. The following members were present:

University Nominee:

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

Subject experts:

1. **Mrs.G.Priscilla Sweetlin**, Assistant Professor and Head, Department of Botany, Lady Doak College, Madurai.

2. **Dr.S.Lalitha**, Assistant Professor, Department of Botany, School of Life Sciences, Soil Biology and PGPR lab, Periyar University, Salem.

Industrial expert:

Mr.R.Ramanakumar, Proprietor, APPLE IMPEX, Poly House and Automation Systems, Trichy.

Student Nominee:

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

All the faculty members of Botany Department were present in the meeting and UG syllabus was discussed in detail.

The syllabus for UG as placed in the BOS meeting was approved with following resolutions:

1. CC I: The title Algae, Fungi, Lichen and Plant Pathology was re-titled as Algae, Fungi and Lichens.
Unit II: *Gracilaria* to be included instead of *Polysiphonia*.
Unit V: Plant Pathology content to be included in CCXIII (Microbiology and Plant Pathology).
2. CC II- *Gracilaria* to be included in Algae.
Plant Pathology content to be shifted to CCXV (Practical VI)
3. AC I-Unit V: To include Parameters such as Frequency, Density and Abundance.
4. AC III-Unit II: In Conventional Energy Resources, Uses and importance of Coal, Oil and Gas to be included.
5. NMEC I- Unit V: To include Vertical Garden.
6. NMEC II- Unit II: To include Coriander, Mint and Spring onion in Kitchen herbs.
7. SEC I- Unit V: To include Vertical Garden.
8. CC IX- Unit IV: Regulation of gene expression: Lac operon to be deleted.
9. CC XII- Estimation of Glucose, Protein and Lipid from plant tissue to be deleted.
10. DSEC I- Environmental biotechnology Unit II: Mass production and uses of *Rhizobium*, *Azolla* and Biopesticides to be removed.
Phytoremediation and Bioremediation to be included.
11. GEC I- Unit III: To change VAM fungi as AM fungi.
12. SEC II- Unit V: Value added products of mushroom to be included.
13. CC XIII- Title Microbiology to be modified as Microbiology and Plant pathology.
Unit V: Immunology part to be deleted and Plant pathology content to be included.

15. CC XIV- Unit I: Phage Lambda vector to be deleted
Unit V: Multiple sequence alignment, Clustal W to be deleted
16. CC XV- Order of Experiments to be rearranged.
Plant Pathology content from CC II to be included.
17. DSEC II- Molecular Biology and Recombinant Technology
Unit II: Regulation of gene expression: Lac operon to be shifted from Unit III.
Unit III: Post translational modifications to be included.
18. DSEC III- Unit IV: Traditional Knowledge in relation to IPR to be shifted from Unit V.
Unit V: Intellectual Property Rights to be deleted.
19. SEC III-Unit IV: Paper chromatography to be deleted.
20. Value Added Course- Nutraceuticals-Unit IV: Oats, Oranges, Lady's finger, Almonds and Flax to be deleted.
- The Board of Studies members approved the Value Added Courses- Home Gardening and Nutraceuticals (for II B.Sc. Botany and other undergraduate students respectively), Total teaching hours for UG Value Added Course -30 hours per semester with 2 credits.
 - The Part IV Environment Studies syllabus remains the same as per UGC norms.

OBE Question Pattern For UG

Section A: 10x1=10 / 5x2=10

Section B: Either or Pattern 5x5=25

Section C: Either or Pattern 5x8=40

Attainment Level for UG: K1, K2, K3

Value Added Course

Total Marks-50

Credits-2

Internal-20 (Test-10, Assignment/Quiz/Seminar/Demonstration -10)

External-30

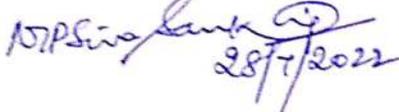
Exam-2hrs

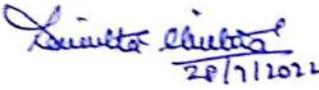
External- Either Theory or Practical (5x6=30) Either or Pattern

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

1. Dr.G.Grace Lydial Pushpalatha  28/07/2022

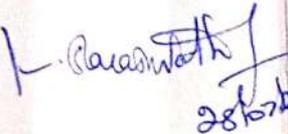
2. Dr.G.Mangai Kasthuri  28/7/2022

3. Dr.M.P.Sivasankari  28/7/2022

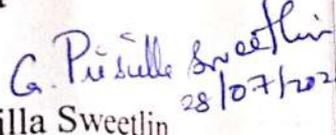
4. Dr.S.M.Janetta Nithia  28/7/2022

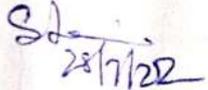
5. Dr.I.Sobha Kumari  28/7/2022

University Nominee

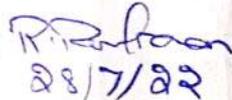
Dr. K. Saraswathi  28/07/2022

Subject Expert

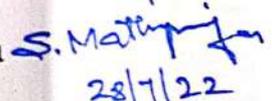
1. Mrs. G. Priscilla Sweetlin  28/07/2022

2. Dr. S. Lalitha  28/7/2022

Industrial Expert

Mr. R. Ramanakumar  28/7/2022

Student Nominee

Dr. S. Mathipriya  28/7/2022