

J.J. College of Arts and Science (Autonomous)
 Sivapuram Post, Pudukkottai – 622 422
 (Re-Accredited by NAAC – 4th Cycle)
 Affiliated to Bharathidasan University, Tiruchirappalli

PG and Research Department of Botany

Minutes of the Board of Studies Meeting

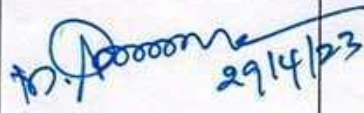
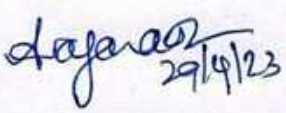
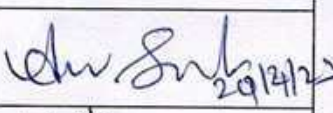
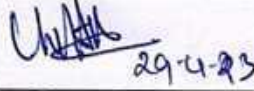
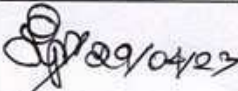
Meeting No: 09

Date: 29.04.2023

Time: 11.00 a.m.

The Meeting of the Board of Studies in Botany (U.G. and P.G.) for the **sixth revision of the curricula** to be implemented from **2023-2024**, was conducted at 11.00 a.m. on Saturday, 29.04.2023

Members

S.No.	Name	Designation	Signature
1.	Dr. M. Arumugam Head, Department of Botany J.J. College of Arts and Science (Autonomous) Pudukkottai- 622 422	Chairman	 29/4/23
2.	Dr. A. Lakshmi Prabha Professor and Head Department of Botany Bharathidasan University Tiruchirappalli – 620 024	University Nominee	 29/4/23
3.	Dr. M. Jothi Basu Assistant Professor in Botany Directorate of Distance Education Alagappa University Karaikudi – 630 003	Subject Expert	Absent
4.	Dr.P.Abirami Assistant Professor Department of Botany Seethalakshmi Achi College for Women Pallathur, Sivagangai- District	Subject Expert	 29.04.23
5.	Dr.A.Nagasathya Assistant Professor and Head Department of Zoology Government Arts College for Women (Autonomous), Pudukkottai	Special Invitee for Zoology (Allied)	 29/4/23
6.	Dr.A.N.Sundar	Faculty Member	 29/4/23
7.	Dr.J.Mohammed Hussain	Faculty Member	 29-4-23
8.	Dr.S.Vinoth Ponpandian	Faculty Member	 29/04/23

9.	K.Thamaraichelvi	Faculty Member	<i>Absent</i>
10.	Dr.A.Krishnapriya	Faculty Member	<i>A. Krishnapriya</i> 29/04/23
11.	Mr. N.Selvam Kallukudiyiruppu Melnilavayal Po Thirumayam Tk Pudukkottai – 622 202	Representative from Industry	<i>N.S. Selvam</i>
12	S.Akila Lena Vilakku Thirumayam Tk Pudukkottai Dist.	Alumni	<i>S. Akila</i>

The Chairman, Dr .M. Arumugam chaired the meeting and welcomed all the members to the ninth BoS Meeting. After the brief introduction, the agenda items listed were taken up for discussion and the following resolutions were passed.

It was resolved to

1. As per the instructions from **TANSCH**E and the Parent University, it is resolved to include **75 % of mandatory inclusion** content from model syllabus and **25 % of Preferential inclusion** by our Department to preserve equivalence in U.G. and P.G. Degree Programmes to enable student Mobility to be implemented from the academic year 2023 – 2024 onwards is framed and restructured following the guidelines laid down by the UGC - LOCF and Tamil Nadu State Council for Higher Education (TANSCH)E and the Parent University.
2. It is resolved to evaluate the Syllabus followed during the Academic Year 2022 – 2023 based on the first Semester Results.
3. It is also resolved to analyze the previous Curriculum based on the feedback received from the Teachers, Employers, Students and the Alumni.
4. Approve the Curriculum, Course Structure (Syllabi) and Text Books recommended for Implementation from 2023-2024 onwards.
5. The syllabi for the semester (III, IV, V and VI) are to be framed and discuss in the next meeting to be held on January 2024
6. Allow earning Extra Credits through Courses under SWAYAM-MOOC's

7. Apply Revised Bloom's Taxonomy in spelling out Course Outcomes.
8. Change Nomenclature of Courses as shown below
 - **Discipline Specific Elective (DSE) Courses** instead of Major Based Elective Courses (MBE)
 - **Skill Enhancement Courses (SEC)** instead of Skill Based Elective Courses.
 - **Ability Enhancement Compulsory Courses (AECC)** introduced.
 - Introduction to studies skills
 - Life skills
 - Job oriented Skills
 - Computing skills
9. **Implement the following guidelines on Curriculum design given by NAAC**
 - a. Specific mention has been made of Program outcomes (POs) Program specific outcomes (PSOs), Course Outcomes (COs) Programme Educational Objectives (PEOs) and Course Objectives in the Syllabus.
 - b. Relationship Matrix for CO, PO and PSO for all courses implemented.
 - c. Curriculum addresses local, Regional, National and Global Needs
 - d. Courses focus on Employability, Entrepreneurship and Skill Development
 - e. Courses also focus on Gender, Environment and Sustainability, Human values and Professional Ethics.
10. List the Courses newly introduced in UG & PG and details of Percentage of Revision carried out as an appendix.
11. Introduce foundation course (FC) as a new course in the first semester
12. A. Introduce in the industrial visit as a new course in the fifth semester.
B. The Following courses are newly introduced

Sl.No	Name of the Course	Course Code	Year of introduction
	PG		
1	Conservation of Natural Resources and Policies	P1R3BODSE1:2	2023
2	Mushroom Cultivation	P1R3BODSE1:3	2023
3	Phytopharmacognosy	P1R3BODSE1:4	2023
4	Algal Technology	P1R3BODSE2:1	2023
5	Ethnobotany, Naturopathy and Traditional Healthcare	P1R3BODSE2:2	2023
6	Herbal Technology	P1R3BODSE2:4	2023

7	Introduction to Study Skills	P1R3AECC1	2023
8	Medicinal Botany	P2R3BODSE3:1	2023
9	Phytochemistry	P2R3BODSE3:2	2023
10	Research Methodology, Computer Applications & Bioinformatics	P2R3BODSE2:3	2023
11	Biopesticide Technology	P2R3BODSE3:4	2023
12	Applied Bioinformatics	P2R3BODSE4:1	2023
13	Biostatistics	P2R3BODSE4:2	2023
14	Intellectual Property Rights	P2R3BODSE4:3	2023
15	Nanobiotechnology	P2R3BODSE4:4	2023
16	Agriculture and Food Microbiology-II	P2R3BOSEC2	2023
17	Life Skills	P2R3AECC2	2023
	Recombinant DNA Technology and Industrial Applications	P3R3AECC2	2023
18	Industrial Botany	P3R3BOIM	2023
19	Secondary Plant Products and Fermentation Biotechnology	P3R3BODSE5:1	2023
20	Entrepreneurial Opportunities in Botany	P3R3BODSE5:2	2023
21	Applied Plant Cell & Tissue Culture	P3R3BODSE5:3	2023
22	Silviculture and Commercial Landscaping	P3R3BODSE5:4	2023
23	Soft Skill	P3R3AECC3	2023
24	Internship/Industrial Activity (Carried out in Summer Vacation at the End of 1 year – 30 hours)	P4R3 BOINT	2023
25	Plant Physiology and Plant Metabolism	P4R3BODSE1:1	2023
26	Forestry and Wood Technology	P4R3BODSE1:2	2023
27	Gene cloning and Gene Therapy	P4R3BODSE1:3	2023
28	Farm Sciences- Green Wealth	P4R3BODSE1:4	2023
29	Training for Competitive Examinations	P4R3BODSE1:1	2023
30	Botany for net/UGC-CSIR/SET/TRB Competitive Examinations		2023
31	Botany for Advanced Research		2023
	UG		2023
32	Environmental Biotechnology	U1R3SEC1:2	2023
33	Nursery and Landscaping	U1R3SEC1:3	2023
34	Soft Skill 1	U1R3AECC1	2023
35	Herbal Medicine	U2R3SEC2:2	2023
36	Global Climate Change	U2R3SEC2:3	2023
37	Botanical Garden and Landscaping	U2R3SEC3:1	2023
38	Soft Skill 2	U1R3AECC2	2023
39	Herbal Technology	U3R3SEC4	2023

40	Entrepreneurial Skill Entrepreneurial Opportunities in Botany	U3R3SEC5	2023
41	Soft Skill 3	U1R3AECC3	2023
42	Cultivation of Algae	U4R3EC4	2023
43	Fermentation Technology	U4R3SEC6	2023
44	Environmental Impact Analysis	U4R3SEC7	2023
45	Soft Skill 4	U1R3AECC4	2023
46	Bio-analytical Techniques	U5R3EC5:1	2023
47	Aquatic Botany	U5R3EC5:2	2023
48	Entrepreneurial Botany	U5R3EC5:3	2023
49	Project with Viva-Voce	U5R3BOPW	2023
50	Natural Resource Management	U6R3EC7:2	2023
51	Forestry	U6R3EC7:3	2023
52	Bionanotechnology	U6R3EC8:1	2023
53	Computer Application in Botany	U6R3EC8:2	2023
54	Forensic Botany	U6R3EC8:3	2023
55	Botany for Competitive Examinations	U6R3SEC8:1	2023
56	General Studies Botany for Competitive Examinations	U6R3SEC8:2	2023

13. Environmental science and value education course to be followed in IV and V semesters respectively

14. Resolved to have the following Courses in the first two semester

Sem	Part	Course code	Course Title	Hrs/ Week	Credit	Exam Hours	Marks		Total Marks
							Int	Ext	
I	I	U1R3TL1/ HL1/FL1	Language Course – I	6	3	3	25	75	100
	II	U1R3EL1	English Language course – I	4	3	3	25	75	100
	III	U1R3BOCC1	Plant Diversity – I Algae	5	4	3	25	75	100
		U1R3BOCC2P	Major Practical-I (Covering CC1)	4	3	3	40	60	100
		U1R3ZODSEC1	Allied Zoology Theory – I	4	2	3	25	75	100
		-	Allied Practical -I	2	2	3	40	60	100
	IV	U1R3	✓ Skill Enhancement Courses SEC1 Part - IV - NME-I ✓ To be opted from the other Department	2	1	3	25	75	100
	IV	U1R3BOFC1	Foundation Course FC	1	1				
	IV	U1R3BOAECC 1	✓ Ability Enhancement Compulsory	2	2	3	25	75	100

		Discipline-Centric)						
	P1R3BOED1	Elective (Generic Discipline-Centric)	ED1: (One from each Group B)	4	3	25	75	100
	P1R3BOSE1	Skill Enhancement (SE1)	SE1: Nursery and gardening	3	2	25	75	100
	P1R3BOSS1	Additional Skill Supportive Courses	Part IV (Soft Skill)	2	2	25	75	100
Total				30	23	-	-	500
II	P2R3BOCC4	Core	Core IV Taxonomy of Angiosperms and Economic Botany	5	4	25	75	100
	P2R3BOCC5		Core V Plant Anatomy and Embryology of angiosperms	5	4	25	75	100
	P2R3BOCC6		Core VI Ecology, phytogeography, Conservation Biology and Intellectual property rights	5	4	25	75	100
	P2R3BOCC7P		Core VII Laboratory course- II: Covering Core Papers IV, V and VI	6	4	40	60	100
	P2R3BOEG2	Elective (Generic Discipline-Centric)	EG2: (One from each Group C)	6	3	25	75	100
	P2R3BOED2	Elective (Generic Discipline-Centric)	ED2: (One from each Group D)	3	3	25	75	100
	P2R3BOSE2	Skill Enhancement (SE1)	SE2 Agriculture and Food Microbiology	3	3	25	75	100
	P2R3BOSS2	Additional Skill Supportive Courses	Part IV (Soft Skill)	2	2	25	75	100
Total				30	26			800

16. It is resolved to convene a Board of Studies meeting in the coming days (if the need arises) to incorporate the Modifications / Updations in the Curriculum based on the communication from the Parent University / TANSICHE.

1. M. D. D. 29/4/23

2. Shelli 29/4

3. Absent

4. H. A. 29/04/2023

5. D. J. 29/4/23

6. W. S. 29/4/23

7. ~~U. A.~~ 29.4.23

8. P. 29.4.23

9. Absent.

10. A. Krishna 29/4/23

11. N. S. 29/4/23

12. S. A. 29/4/23