

DEPARTMENT OF BOTANY

M.Sc Botany Syllabus(Scheme)

Sem	Subject code	Title of the Paper	Hours/week	Exam Marks			Duration of exam hours	Credits
				CIA	ESE	Total		
I	11PBO1C O1	Paper – I: Plant Diversity -1 Algae, Fungi, Bacteria, Virus and Lichens	7	25	75	100	3	5
	11PBO1CO 2	Paper –II: Plant Diversity –II Bryophytes, Pteridophytes And Gymnosperms	7	25	75	100	3	5
	11PBO1CO 3	Paper – III: Genetics, Plant breeding and Biostatistics	7	25	75	100	3	5
	11PBO1E O1	Bioinformatics	6	25	75	100	3	5
		Practical -I	3					
II	11PBO2C O4	Paper – IV: Cell and Molecular biology	8	25	75	100	3	5
	11PBO2CO 5	Paper – V:Anatomy and Embryology	8	25	75	100	3	5
	11PBO2E O2	Elective Paper : Herbal Science	8	25	75	100	3	5
	11PBO2CP1	Practical – I	-	40	60	100	3	5
	11PBO2CP2	Practical – II	3	40	60	100	3	5
III	11PBO3C O6	Paper – VI: Taxonomy of Angiosperms and Economic Botany	7	25	75	100	3	5
	11PBO3CO 7	Paper – VII: Plant physiology and Biochemistry	7	25	75	100	3	5
	11PBO3CO 8	Paper – VIII : Biotechnology	7	25	75	100	3	5
	11PBO3E O3	Elective Paper : Phytotechniques	6	25	75	100	3	5
		Practical - III	3					
IV	11PBO4CO 9	Paper –IX : Environmental Botany,Phytogeography and Conservation biology	8	25	75	100	3	5
	110PBO4E O4	Horticulture	8					
	11PBO4CP3	Practical – III	-	40	60	100	3	5
	11PBO4CP4	Practical – IV	3	40	60	100	3	5
	11PBO4PVV	Project work & Viva-Voce	11	20	80	100		5

Total Marks

	SUBJECT	MARK	TOTAL MARK	TOTAL CREDIT POINTS
	Core Theory/Practical/Project	1400	1400	70
	Elective	400	400	20
Grand Total			1800	90

ESE – End of semester Examination

CIA – Continuous Internal Assessment

Notes:

- 25% CIA is applicable to all the subjects
- 75% CIA is applicable to all the Practical
- 20% CIA is applicable to Project