

B.Sc. BOTANY (Affiliated Colleges)

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(Syllabus for the students those who are admitted from the Academic year 2020-21)

Part	Study Components		Course Title	Ins.hrs/week	Examinations				Credits
					Dur.	CIA	Mark	TotalMark	
	SEMESTER I								
I	Language – I			6	3	25	75	100	4
II	English – I			6	3	25	75	100	4
III	Core Paper I– Plant diversity I (Algae, Fungi, Lichen and Plant Pathology).			8	3	25	75	100	4
	Core Practical - I			2	-	-	-	-	-
	Allied -I Paper I Zoology / Chemistry.			4	3	20	55	75	3
	Allied Practical.			2	-	-	-	-	-
IV	Environmental Studies #			2	3	-	50	50	2
	SEMESTER II								
I	Language – II			6	3	25	75	100	4
II	English – II			6	3	25	75	100	4
III	Core Paper II - Plant diversity II (Bryophytes, Pteridophytes, Gymnosperms & Palaeobotany)			8	3	25	75	100	4
	Core Practical- Paper I and II.			2	3	40	60	100	4
	Allied -II - Paper II Zoology / Chemistry.			4	3	20	55	75	3
	Allied I Practical.			2	3	20	30	50	2
IV		Value Education – Human Rights #		2	3	-	50	50	2

SEMESTER III							
I	Language – III	6	3	25	75	100	4
II	English – III	6	3	25	75	100	4
III	Core Paper III Cell Biology & Lab Techniques.	5	3	25	75	100	4
	Core practical	2	-	-	-	-	-
	Allied III - Paper I Chemistry / Zoology	4	3	20	55	75	3
	Allied Practical	2	-	-	-	-	-
	Skill based Subject Paper I –Plant Bioresources	3	3	20	55	75	3
	Tamil @ / Advanced Tamil# (OR) Non-major elective - I (Yoga for Human Excellence)# / Women's Rights#	2	3	-	50	50	2
SEMESTER - IV							
I	Language – IV	6	3	25	75	100	4
II	English – IV	6	3	25	75	100	4
III	Core Paper IV-Anatomy& Embryology	5	3	25	75	100	4
	Core Practical II - Paper III & IV	2	3	40	60	100	4
	Allied IV - Paper II Chemistry / Zoology	4	3	20	55	75	3
	Allied II Practical	2	3	20	30	50	2
IV	Skill based subject paper II – Computing Skills for Industry 4.0	3	3	20	55	75	3
	Tamil @ /Advanced Tamil # (OR) Non-major elective -II (General Awareness #)	2	3	-	50	50	2

SEMESTER – V							
III	Core Paper V - Taxonomy of Angiosperms and Economic Botany.	5	3	25	75	100	4
	Core Paper VI – Genetics ,Plant Breeding, Evolution and Biostatistics.	4	3	25	75	100	4
	Core Paper VII -Ecology & Phytogeography.	4	3	25	75	100	4
	Core Paper VIII- Microbiology-Fundamentals of Microbiology.	4	3	25	75	100	4
	Core Practical Paper V,VI&VII	4	-	-	-	-	-
	Elective – I	4	3	25	75	100	4
	Elective Practical	2	-	-	-	-	-
IV	Skill based Subject Paper II - Medicinal Botany and Human Welfare.	3	3	20	55	75	3
SEMESTER – VI							
III	Core Paper IX Biophysics, Biochemistry & Plant Physiology.	5	3	25	75	100	4
	Core Paper- X Horticulture	5	3	25	75	100	4
	Elective – II	5	3	25	75	100	4
	Elective – III	5	3	25	75	100	4
	Core Practical III- Paper V, VI & VII		3	40	60	100	4
	Core Practical- IV - Paper IX & X	4	3	30	45	75	3
	Elective Practical - Practical for Elective subjects I, II & III & Core paper VIII.\	3	3	30	45	75	3
	Skill based Subject Practical – for SKB Paper I, II & III	3	3	30	45	75	3
	Extension Activities @	-	-	50	-	50	2
	Total					3500	140

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