

GOVERNMENT ARTS COLLEGE (AUTONOMOUS) COIMBATORE -641018
(Affiliated to Bharathiar University, Coimbatore-46)
PG AND RESEARCH DEPARTMENT OF BOTANY

B.Sc., BOTANY CURRICULUM

(With effect from the Academic year 2015-2016 on wards)

Semester	Subject Code	Part	Subject	Teaching Hrs/Week	Exam Hrs	MARKS				NO.O F. CREDITS
						CA	SE		TOTAL	
							MAX. MARKS	T.P.MIN		
I		I	Part-I: Language I: Tamil Paper- I	6	3	25	75	30	100	3
		II	English Paper – I	6	3	25	75	30	100	3
		III	Core Paper –I Microbiology, Mycology and Plant Pathology	5	3	25	75	30	100	4
			Allied –I Zoology Paper –I	6	3	15	60	24	75	3
			Core Practical- I (Core Paper -I)	3	-	-	-	-	-	-
			Allied Practical -1 Zoology	2	-	-	-	-	-	-
		IV	Environmental Studies	2	2	25	-	-	100	2
II		I	Part-I: Language I: Tamil Paper- II	6	3	25	75	30	100	3
		II	English Paper – II	6	3	25	75	30	100	3
			Core Paper II- Algology, Bryology and Lichenology	4	3	25	75	30	100	4

		III	Core paper III Ecology and Plant Geography	4	3	25	75	30	100	4
			Allied –I Zoology Paper –II	6	3	15	60	24	75	3
		III	Core Practical- I (Comprised of Core Papers –I, II &III)	2	3	40	60	24	100	4
			Allied Practical -1 Zoology	2	3	20	30	12	50	4
		IV	Value Education- Gandhian Thoughts	-	2	25	75	30	100	2
III		I	Part-I: Language I: Tamil Paper- III	6	3	25	75	30	100	3
		II	English Paper – III	6	3	25	75	30	100	3
		III	Core Paper –IV Pteridology, Gymnosperms and Paleobotany	5	3	25	75	30	100	4
			Allied –II Chemistry Paper –I	5	3	15	60	24	75	3
			Core Practical- II (Comprised of Core Papers –IV, & SBE I)	2	-	-	-	-	-	-
			Allied Practical -II Chemistry	3	-	-	-	-	-	-
	IV	Skill Based Elective – I Biofertilizers	3	3	25	75	30	100	3	
IV		I	Part –I Language I Tamil Paper- IV	6	3	25	75	30	100	3
		II	English Paper - IV	6	3	25	75	30	100	3
		III	Core Paper – V Anatomy, Embryology and Seed Technology	5	3	25	75	30	100	4
			Allied –II: Chemistry Paper - II	5	3	15	60	24	75	3
			Core Practical- II (Comprised of Core Papers – IV, V and SBE I&II)	2	3	40	60	24	100	4
			Allied Practical-II Chemistry	3	3	20	30	12	50	4
		IV	Skill Based Elective – II Mushroom Cultivation	3	3	25	75	30	100	3
	V	Co- Curricular Activities- NCC/P.Ed./YRC	-	-	-	-	-	-	1	
V		III	Core Paper –VI Cell and Molecular Biology	6	3	25	75	30	100	4
			Core Paper –VII Plant Systematics and Economic botany	6	3	25	75	30	100	4

		III	Core Paper – VIII Genetics, Plant Breeding, Evolution and Biostatistics	6	3	25	75	30	100	4
			Core Practical III- (Comprised of Core Papers VI, VII, VIII & SBE-III)	4	3	40	60	24	100	4
			Project Work	2	-	-	-	-	-	-
			Skill Based Elective – III Horticulture	3	3	25	75	30	100	3
		IV	Non Major Elective : Plants and Human Welfare- Paper I	3	3	25	75	30	100	2
VI		III	Core Paper – IX Plant Physiology	6	3	25	75	30	100	4
			Core Paper – X Plant Biochemistry	6	3	25	75	30	100	4
			Core Paper –XI Biotechnology and Bioinformatics	6	3	25	75	30	100	4
			Core Practical – IV Comprised of Core Papers IX, X,XI and SBE- IV	4	3	40	60	24	100	4
			Project and Viva -Voce	2	-	20	80	32	100	15
			Skill Based Elective – IV- Plant Tissue Culture	3	3	25	75	30	100	3
		IV	Non Major Elective – Plants and Human Welfare- Paper II	3	3	25	75	30	100	2
			Total						3600	140

Note:

- Environmental Studies – As per UGC Syllabus (PUB: Periyar EVR College – Alumni Association)
- Value Education – An Autobiography or the story of My experiments with truth – M.K. Gandhi (Pub: Navjeevan Pub.House)
- Passing Minimum – 40% in End Semester Examinations or Aggregate of both Internal and External 40% (Minimum in external Examination- 30 out of 75: 24 out of 60: 12 out of 30)
- For Group Project Work, the SE marks will be awarded on consultation of both Internal and External Examiners.