

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

**M.Sc., BOTANY CURRICULUM**

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

Seme ster	Subject Code	Part	Subject	Teaching Hrs/ Week	Exam Hrs	MARKS				NO.OF · CREDI TS
						CA	SE		TOTAL	
							MAX. MARKS	T.P.MIN		
I		Part A	Paper –I Microbiology , Mycology and Plant Pathology	7	3	25	75	38	100	5
		Part A	Paper – II Plant Diversity – I ( Phycology & Bryology)	7	3	25	75	38	100	5
		Part A	Paper III- Cell biology	7	3	25	75	38	100	5
		Part B	Elective Paper – I Bioinstrumentation	3	3	25	75	38	100	2
		Part A	Practical –I (Comprised of Paper I,II,III and Elective Paper -I)	6	4	40	60	30	100	5
II		Part A	Paper – IV Plant Diversity – II- ( Pteridophytes, Gymnosperms and Paleobotany)	7	3	25	75	38	100	5
		Part A	Paper- V Anatomy and Embryology	7	3	25	75	38	100	5
		Part A	Paper – VI Phytochemistry	7	3	25	75	38	100	5
		Part B	Elective Paper – II Biostatistics & Seed Technology	3	3	25	75	38	100	2
		Part A	Practical – II (Comprised of Papers – IV,V,VI & Elective Paper- II)	6	4	40	60	30	100	5

III	Part A	Paper– VII- Plant Systematics, Resources and Ethanobotany	7	3	25	75	38	100	5
	Part A	Paper – VIII Plant Physiology	7	3	25	75	38	100	5
	Part B	Elective Paper – III Molecular Biology and Bioinformatics	7	3	25	75	38	100	2
	Part A	Practical –III (Paper VII)	5	4	40	60	30	100	5
	Part A	Practical –IV (Comprises of Paper VIII & Elective Paper - III)	4	4	40	60	30	100	5
IV	Part A	Paper –IX Genetics, Cytogenetics and Plant Breeding	7	3	25	75	38	100	5
	Part A	Paper –X Plant Ecology, Conservation and Phyto Geography	7	3	25	75	38	100	5
	Part A	Paper –XI Biotechnology	7	3	25	75	38	100	5
	Part A	Practical –V (Comprises of Papers IX, X, & XI )	5	4	40	60	30	100	5
	Part B	Project and Viva voce	4	-	20	80	40	100	4
		<b>Total</b>						<b>2000</b>	<b>90</b>

**Note:**

- Passing Minimum – 50% in End Semester Examinations (or) Aggregate of both Internal and External 50% (Minimum in external Examination- 38 out of 75)
- For Group Project Work, the SE marks will be awarded on consultation of both Internal and External Examiners.