

Vellalar College for Women (Autonomous), Erode - 12.									
Master of Science in Botany									
2016 - 2017 Onwards									
Course Content and Scheme of Examinations (CBCS Pattern)									
Semester I									
Study Components	Subject Code	Title of the Paper	Inst. Hrs./ Week	Exam. Dur. Hrs.	Max. Marks			Credits	
					CIA	ESE	Total		
Core	16BOPC101	Paper I Microbes & Industry	5	3	25	75	100	4	
	16BOPC102	Paper II Phycology, Bryology & Lichenology	5	3	25	75	100	4	
	16BOPC103	Paper III Mycology & Phytopathology	5	3	25	75	100	4	
	16BOPC104	Paper IV Pteridophytes, Gymnosperms & Palaeobotany	5	3	25	75	100	4	
			Practical I Papers I, II, III & VI	7					
	16BOPN101		Non Major Elective	3	3	25	75	100	5
Total							500	21	
Semester II									
Core	16BOPC205	Paper V Anatomy & Embryology	6	3	25	75	100	4	
	16BOPC206	Paper VI Cell Biology & Tissue culture	6	3	25	75	100	4	
	16BOPC207	Paper VII Genetics, Germplasm Conservation & Plant Breeding	6	3	25	75	100	4	
			Practical II Papers IV, V & VII	8					
	16BOPCP01		Practical I Papers I, II, III & VI (Exam)		4	40	60	100	3
	16BOPCP02		Practical II Papers IV, V & VII (Exam)		4	40	60	100	3
	13BOPS201		Skill Based Subject I	3	1*	40	60	100	5
			Library	1					
Total							600	23	
* Online Examination									

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**Master of Science in Botany**

**2016 - 2017 Onwards**

**NON MAJOR - ELECTIVE**

Subject	Subject Code	Title of the Paper
1	16BOPN101	Value Added Plant Science

**SKILL BASED SUBJECTS**

Subject	Subject Code	Title of the Paper
1	13BOPS201	Advanced Multi Skill Development Paper*
2	16BOPS302	Horticulture (Cafeteria)
3	16BOPS303	Green Medicine (Cafeteria)

**SELF LEARNING PAPER**

Subject	Subject Code	Title of the Paper
1	13BOPSL02	Wealth from wastes (optional)

\*Online examination for three units for a maximum of 60 marks.

Units IV & V are CIA for a maximum of 40 marks.