

Course Structure

Paper Code	Title of the Paper	Max. Marks	Internal Assessment	Total Marks	Credits	Teaching Hrs
M.Sc. I Sem.						
Bot. C.T. 1.1	Microbiology & Phycology	100	25	75	4	4
Bot. C.T. 1.2	Systematic Botany of Angiosperms	100	25	75	4	4
Bot. C.T. 1.3	Evol. Bio, Econ. Bot & Phy.geo	100	25	75	4	4
Bot. C.T. 1.4	Molecular Biology	100	25	75	4	4
Bot. C.P. 1.1	Based on Bot. C.T. 1.1	50	15	35	2	4
Bot. C.P. 1.2	Based on Bot. C.T. 1.2	50	15	35	2	4
Bot. C.P. 1.3	Based on Bot. C.T. 1.3	50	15	35	2	4
Bot. C.P. 1.4	Based on Bot. C.T. 1.4	50	15	35	2	4
Total		600	140	460	24	32
M.Sc. II Sem.						
Bot. C.T. 2.1	Ecology and Environmental Biology	100	25	75	4	4

Bot. C.T. 2.2	Concepts in Biochemistry and Biophysics	100	25	75	4	4
Bot. C.T. 2.3	Biotechnology, Computer applications and Biostatistics	100	25	75	4	4
Bot. C.T. 2.4 Elective	Bot. ET 2.4 Medicinal Plants	100	25	75	4	4
Bot. C.P. 2.1	Based on Bot. C.T. 2.1	50	15	35	2	4
Bot. C.P. 2.2	Based on Bot. C.T. 2.2	50	15	35	2	4
Bot. C.P. 2.3	Based on Bot. C.T. 2.3	50	15	35	2	4
Bot. C.P. 2.4	Based on Bot. C.T. 2.4	50	15	35	2	4
Total		600	140	460	24	32
M.Sc. III Sem.						
Bot. C.T. 3.1	Plant Physiology	100	25	75	4	4
Bot. C.T. 3.2	Cell Biology and Genetics	100	25	75	4	4
Bot. C.T. 3.3	Developmental Biology of Plants and	100	25	75	4	4

	Tissue Culture					
Bot. C.T. 3.4 (Elective)	Plant Biotechnology	100	25	75	4	4
Bot. C.P. 3.1	Based on Bot. C.T. 3.1	50	15	35	2	4
Bot. C.P. 3.2	Based on Bot. C.T. 3.2	50	15	35	2	4
Bot. C.P. 3.3	Based on Bot. C.T. 3.3	50	15	35	2	4
Bot. C.P. 3.4 (Elective)	Based on Bot. C.T. 3.4	50	15	35	2	4
Total		600	140	460	24	32
M.Sc. IV Sem.						
Bot. C.T. 4.1	Mycology and Plant Pathology	100	25	75	4	4
Bot. C.T. 4.2	Plant Breeding and Plant Propagation	100	25	75	4	4
Bot. C.T. 4.3.1	Plant Tissue Culture	100	25	75	4	4
Bot. C.T. 4.3.2	Reproductive Biology of Higher Plants	100	25	75	4	4

Bot. C.T. 4.3.3	Applied Microbiology, Applied Mycology and Plant Pathology	100	25	75	4	4
Bot. C.T. 4.3.4	Phytodiversity and Environmental Biology	100	25	75	4	4
Bot. C.T. 4.4	Project/ Dissertation	150	25	50 (Viva-Voce)	6	4
Bot. C.P. 4.1	Based on Bot. C.T. 4.1	50	15	35	2	4
Bot. C.P. 4.2	Based on Bot. C.T. 4.2	50	15	35	2	4
Bot. C.P. 4.3.1	Based on Bot. C.T. 4.3.1	50	15	35	2	4
Bot. C.P. 4.3.2	Based on Bot. C.T. 4.3.2	50	15	35	2	4
Bot. C.P. 4.3.3	Based on Bot. C.T. 4.3.3	50	15	35	2	4
Bot. C.P. 4.3.4	Based on Bot. C.T. 4.3.4	50	15	35	2	4
Total		600	140	460	24	32