

BOTANY

Semester I

Paper code	Title	Contact Hours		Credits
		Per Semester	Per week	
BOT 101	Diversity of Microbes, Algae and Bryophytes	45	3	3
BOT 102	Lichens, Fungi and Plant Pathology	45	3	3
BOT 103	Practical Lab.I	60	4	2
Total credits for Semester I				8

Semester- II

Paper code	Title	Contact Hours		Credits
		Per Semester	Per week	
BOT 201	Cell and Molecular Biology	45	3	3
BOT 202	Pteridophytes, Gymnosperms and Palaeobotany	45	3	3
BOT 203	Practical Lab.II	60	4	2
Total credits for Semester II				8

Semester III

Paper code	Title	Contact Hours		Credits
		Per Semester		
BOT 301	Genetics and Plant Breeding	45	3	3
BOT 302	Environmental studies and plant conservation	45	3	3
BOT 303	Practical Lab.III	60	4	2
Total credits for Semester III				8

Semester IV

Paper code	Title	Contact Hours		Credits
		Per Semester	Per Week	
BOT 401	Plant Anatomy and Embryology	45	3	3
BOT 402	Plant Systematics and Economic Botany	45	3	3
BOT 403	Practical Lab.IV	60	4	2
Total credits for Semester IV				8

Semester V

Paper code	Title	Contact Hours		Credits
		Per Semester	Per Week	
BOT 501	Plant Physiology and Metabolism	45	3	3
BOT 502	Plant Biochemistry	45	3	3
BOT 503	Practical Lab.V	60	4	2
Total credits for Semester V				8

Semester VI

Paper code	Title	Contact Hours		Credits
		Per Semester	Per Week	
BOT 601	Plant Biotechnology	45	3	3
BOT 602	Applied Botany	45	3	3
BOT 603	Practical Lab.VI	60	4	2
Total credits for Semester VI				8
Total credits				48