



DR. RAM MANOHAR LOHIA AVADH UNIVERSITY, AYODHYA

Structure of Syllabus for the Program: M.Sc., Subject: BOTANY

Structure of Syllabus Developed by			
Name of BoS Convener/ BoS Member	Designation	Department	College/ University
Prof. Faujdar Yadav	Convener	Botany	K.S. Saket P.G. College, Ayodhya
Dr. Shalini Singh	Member	Botany	KNIPSS, Sultanpur
Dr. Vinay Kumar Singh	Member	Botany	K.S. Saket P.G. College, Ayodhya
Dr. Shravan Kumar Srivastav	Member	Botany	LBS P.G. College, Gonda
Prof. R N Kharwar	Member	Botany	BHU, Varanasi
Prof. Shiv Mohan	Member	Botany	Allahabad University, Prayagraj
Prof. B R Chaudhary	Member	Botany	BHU, Varanasi
Dr. Govind Prasad	Member	Botany	DAV P.G. College, Kanpur
Prof. A K Mishra	Member	Botany	BHU, Varanasi

Course Code		Course Title	Credits	T/P	Evaluation	
					CIE	ETE
A	B	C	D	E	F	G
SEMESTER I (YEAR I)						
B040701T	CORE	Microbiology	5	T	25	75
B040702T	CORE	Fungi and Plant Pathology	5	T	25	75
B040703T	CORE	Algae and Bryophytes	5	T	25	75
B040704T	FIRST ELECTIVE (Subject Elective)	Bacteria, Virus & Lichen	5	T	25	75
B040705T	(Select any one)	Environment and Plant Response	5	T	25	75
B040706P	SECOND ELECTIVE (Subject Elective)	Practical based on core / elective	5	P	50	50
B040707P	(Select any one)	Field Visit/ Botanical excursion	5	P	50	50
SEMESTER II (YEAR I)						
B040801T	CORE	Pteridophyta, Gymnosperms & Palaeobotany	5	T	25	75
B040802T	CORE	Angiosperms : Taxonomy	5	T	25	75
B040803T	CORE	Angiosperm : Plant Development & Reproduction	5	T	25	75
B040804T	THIRD ELECTIVE (Generic Elective)	Floriculture and Nursery	5	T	25	75
B040805T	(Select any one)	Plant Resource Utilization and applied Botany	5	T	25	75

B040806P	FOURTH ELECTIVE (Subject Elective) (Select any one)	Practical based on core / Generic Elective Subjects	5	P	50	50
B040807P		Industrial Training / Project Presentation	5	P	50	50
SEMESTER III (YEAR II)						
B040901T	CORE	Plant Physiology and Biochemistry	5	T	25	75
B040902T	CORE	Cytogenetics and Biostatistics	5	T	25	75
B040903T	CORE	Ecology, Soil Science and Phytogeography	5	T	25	75
B040904T	FIFTH ELECTIVE (Subject Elective) (Select any one)	Plant Breeding and Crop Improvement	5	T	25	75
B040905T		Instrumentation and Analytical Technique	5	T	25	75
B040906P	SIXTH ELECTIVE (Subject Elective) (Select any one)	Practical based on Core / Elective Subject	5	P	50	50
B040907P		Field Study (Botanical excursion)/Project Presentation	5	P	50	50
SEMESTER IV (YEAR II)						
B041001T	CORE	Plant Molecular Biology and Molecular Techniques	5	T	25	75
B041002T	CORE	Plant Biotechnology and Bioinformatics	5	T	25	75
B041003T	SEVENTH ELECTIVE (Subject Elective) (Select any one)	Research Methodology and IPR	5	T	25	75
B041004T		Biodiversity, Remote Sensing and Environment Management	5	T	25	75
B041005P	RESEARCH PROJECT/ DISSERTATION	Major Research Project/ Dissertation	10	P	50	50