



DEPARTMENT OF BOTANY (NORTH CAMPUS)
UNIVERSITY OF KASHMIR

SEMESTER-1				
Course Type	Course Code	Course Title	Credit	
			Theory	Practical
MAJOR-1	IBOTMJMA0124	Microbes and Algae	3	1
MINOR	IXXXMNAD0124	Introduction to Systematics and Animal Diversity	3	1
Multidisciplinary	IXXXMDBT0023	Introduction to Biotechnology	3	0
Ability Enhancement	IXXXAEEL0023	English Language	3	0
Value Added	IXXXVAES0023	Environmental Science Education	2	0
Value Added	IXXXVAHW0023	Health and Wellness	2	0
Skill Enhancement	IXXXSEPM0124	Propagation of Medicinal and Aromatic Plants	0	2
Total			20	



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SEMESTER-2				
Course Type	Course Code	Course Title	Credit	
			Theory	Practical
MAJOR-1	IBOTMJMP0224	Mycology and Plant Pathology	3	1
MINOR	IXXXMNFC0224	Fundamentals of Chemistry	3	1
Multidisciplinary	IXXXMDBC0023	Introduction to Biochemistry	3	0
Ability Enhancement	IXXXAEC0023	Communication Skills	3	0
Value Added	IXXXVADT0023	Digital and Technological Solutions	2	0
Value Added	IXXXVAUI0023	Understanding India	2	0
Skill Enhancement	IXXXSEFP0224	Techniques of Fruit Processing & Preservation	0	2
Total				20



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SEMESTER-3				
Course Type	Course Code	Course Title	Credit	
			Theory	Practical
MAJOR-1	IBOTMJAR0323	Archegoniate (Bryophyta, Pteridophyta & Gymnosperms)	3	1
MAJOR-2	IBOTMJPP0323	Plant Physiology	3	1
MINOR	IXXXMNAB0323	Animal Behaviour and Wild life	3	1
Multidisciplinary	IXXXMDBR0023	Bio-Industries	3	0
	IXXXMDES0023	Environmental Issues and Sustainability		
Ability Enhancement	IXXXAEKL0023	Kashmiri Language	3	0
	IXXXAEAL0023	Arabic Language		
Skill Enhancement	IXXXSEST0323	Seed Technology	0	2
	IXXXSEMC0323	Mushroom Cultivation		
Total			20	



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SEMESTER-4				
Course Type	Course Code	Course Title	Credit	
			Theory	Practical
MAJOR-1	IBOTMJPT0423	Plant Taxonomy	3	1
MAJOR-2	IBOTMJPM0423	Plant Morphology & Anatomy	3	1
MAJOR-3	IBOTMJPT0423	Principles and Techniques in Plant Sciences	3	1
MAJOR-4	IBOTMJCB0423	Cell Biology	3	1
MINOR	IXXXMNIM0423	Immunology	3	1
Total				20



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SEMESTER-5				
Course Type	Course Code	Course Title	Credit	
			Theory	Practical
MAJOR-1	IBOTMJPB0523	Plant Biochemistry	3	1
MAJOR-2	IBOTMJTC0523	Plant Tissue Culture	3	1
MAJOR-3	IBOTMJER0523	Embryology & Reproductive Biology	3	1
MAJOR-4	IBOTMJET0523	Ethnobotany	2	0
INTERNSHIP	IBOTMJIN0523	Internship/Field work/Practical	0	2
MINOR	IXXXMNEN0523	Enzymology	3	1
Total			20	



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SEMESTER-6				
Course Type	Course Code	Course Title	Credit	
			Theory	Practical
MAJOR-1	IBOTMJMB0623	Plant Molecular Biology	3	1
MAJOR-2	IBOTMJPB0623	Plant Breeding	3	1
MAJOR-3	IBOTMJGC0623	Genetics & Cytogenetics	3	1
MAJOR-4	IBOTMJBC0623	Biodiversity and Conservation Biology	3	1
MINOR	IXXXMNFB0623	Fermentation Biotechnology	3	1
Total				20