

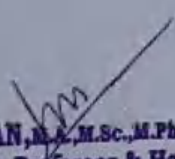
DEPARTMENT OF BOTANY

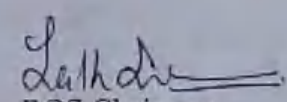
COURSE CODE	COURSE TITLE	LOCAL	NATIONAL	REGIONAL	GLOBAL	RATIONALE
20UBY101	Major Paper I - Plant Diversity I (Phycology, Mycology and Bryology)				YES	To appreciate and understand the diversity of cellular forms, lower plants to higher plants.
20UBY202	Major Paper II Plant Diversity II (Pteridophytes Gymnosperms and Palaeobotany)				YES	-do-
20UBY203	Major Practical I - Paper III (Plant diversity I & II (Phycology, Mycology and Bryology & Pteridophytes Gymnosperms and Palaeobotany)				YES	-do-
20UBY304	Major Paper IV- Anatomy and Embryology					To know the cellular structure of plants
20UBY3N1	Skill based subjects (Non major electives)- Landscape designing		YES			To meet out their employability
20UBY3N2	Skill based subjects (Non major electives)- Herbal cosmetics	YES				To meet out their employability
20UBY405	Major Paper V - Cell Biology, Biochemistry and Biophysics		YES			To get a knowledge on cellular structures, its components and quantifying biomolecules and other basic techniques
20UBY406	Major Practical II - Paper VI (Anatomy & Embryology, Cell Biology, Biochemistry and Biophysics)				YES	To get hands-on training and practical knowledge in the preparation of microsections, herbarium, quantifying biomolecules and other basic techniques.
20UBY4N3	Skill based subjects (Non major electives)- Remote sensing and natural resource management				YES	To meet out their employability
20UBY4N4	Skill based subjects (Non major electives)- Bioinformatics				YES	To update the students with modern trends in Plant biology and introduce the interdisciplinary approach
20UBY507	Major Paper - VII - Taxonomy of Angiosperms		YES			To create interest in identification of plants using Floral characters
20UBY508	Major Paper VIII - Microbiology and plant pathology		YES			To understand the basic concepts of microbes and its pathogenicity

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20UBY509	Major Paper IX – Genetics and Evolution			YES		To study the genetic traits and Molecular markers.
20UBY510	Major Paper X – Biotechnology & Genetic Engineering				YES	To understand the molecular techniques
20UBY511	Elective –I Mathematics for Biologists				YES	To update the students with modern trends in Plant biology and introduce the interdisciplinary approach
20UBY612	Major Paper XII – Plant Physiology		YES			To study the cellular functions of plants
20UBY613	Major Paper XIII – Economic & Ethno Botany	YES				To meet out their employability
20UBY614	Major Paper XIV - Horticulture & Plant Breeding	YES				To meet out their employability
20UBY615	Elective II – Bioinformatics			YES		To update the students with modern trends in Plant biology and introduce the interdisciplinary approach
20UBY616	Elective – III – Habitat Ecology			YES		To create interest in understanding various biomes
20UBY617	Major Practical III – Paper XV (for V Sem theory papers)			YES		To get hands-on training and practical knowledge in the preparation of microsections, herbarium, quantifying biomolecules and other basic techniques.
20UBY618	Major Practical IV (for VI Sem theory papers)			YES		-do-
20UBY6S3	Skill based subjects (Major electives)- Forest Botany		YES			To meet out their employability
20UBY6S4	Skill based subjects (Major electives)- Mushroom cultivation	YES				To meet out their employability


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