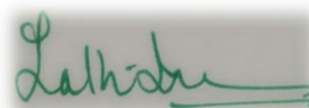


DEPARTMENT OF BOTANY

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

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 & EthnoBotany	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



BOS Chairman