

Department of Botany Course specific outcome

Semester	Paper/Course	Name of the Paper/ Course	Course outcome
Semester 1	CC-1	Microbiology and Phycology	The development of most of the important molecular techniques that are now used to study organisms from microbes to human.
	CC-2	Biomolecules and Cell Biology	To understand the structures and purposes of basic components of prokaryotic and eukaryotic cells.
	GE-1	Biodiversity (Microbes, Algae, Fungi & Archegoniate)	To protect, preserve and manage natural resources
Semester 2	CC-3	Mycology and Phytopathology	To generate knowledge, conceptual understanding and insight within fungal plant diseases, human mycoses, indoor climates.
	CC-4	Archegoniate	To make aware of the status of higher cryptogams & gymnosperms as a group in plant kingdom
	GE	Plant Physiology & Metabolism	To explain all process of plants by minimal number of comprehensive principles founded in chemistry, physics and mathematics.
Semester 3	CC-5	Anatomy of Angiosperms	To evaluate the importance of various plant tissues in plant development.
	CC-6	Economic Botany	Economic botany is the study of the relationship between people(individual & cultural) and plants.
	CC-7	Genetics	It encompasses genetic and functional genomic studies on human and plant traits and on other model organisms.
	SEC-1	Mushroom Cultivation	To strengthen the promotion of the mushroom cultivation.
	CC-8	Molecular Biology	To emphasize the molecular mechanisms of DNA replication, repair, protein synthesis.
	CC-9	Plant Ecology &	To understand the nature of environmental influences on individual

Semester 4		Phytogeography	organisms, their population and communities.
	CC-10	Plant Systematics	To develop evolutionary relationship among the different group of plant.
	SEC-2	Bio fertilizer	To improve the knowledge of bio fertilizer.
Semester 5	CC-11	Reproductive Biology of Angiosperm	To evaluate the importance of various plant tissues in plant development.
	CC-12	Plant Physiology	The development of most of the important molecular techniques that are now used to study organisms from microbes to human.
	DSE-1	Analytical Techniques in Plants Sciences	To develop evolutionary relationship among the different group of plant.
	DSE-2	Natural Resource Management	To protect, preserve and manage natural resources
Semester 6	CC-13	Plant Metabolism	To explain all process of plants by minimal number of comprehensive principles founded in chemistry, physics and mathematics.
	CC-14	Plant Biotechnology	Knowledge on breeding of healthy plant, plants with improved characteristics and plant for biomolecule production.
	DSE-3	Horticulture Practices & Post Harvest Technology	Create creativity to seek sustainable solutions in horticultural research to enhance health and quality of life for the world at large.