

B.Sc. (Botany)

Programme outcomes (POs): Course will increase the ability of critical thinking, development of scientific attitude, handling of problems and generating solutions, improve practical skills, enhance communication skill, social interaction, increase awareness in judicious use of plant resources by recognizing the ethical value system.

Year	Sem.	Course code	Paper Title	Course Outcome
First Year	I	B040101 T	Microbiology & Plant Pathology	Knowledge About, Bacteria, Fungi, Algae, Lichen .
	II	B040201 T	Archegoniates & Plant Architecture	Knowledge About, Bryophytes, Pyeridophytes, Gymnosperms and Palaeobotany.
Second Year	III	B040301 T	Flowering Plants Identification & Aesthetic Characteristics	Knowledge About, Taxonomic Resources & Nomenclature, Identification of Angiospermic families.
	IV	B040401 T	Economic Botany, Ethnomedicine & Phytochemistry	Knowledge About, Origin and domestication of cultivated plants, Botany of oils, Fibers, timber yielding plants & dyes.
Third Year	V	B040501 T	Plant Physiology, Metabolism & Biochemistry	Knowledge About, Mineral Nutrition, Transpiration, Carbon Oxidation, Nitrogen Metabolism, Photosynthesis, Phytohormones
		B040502 T	Molecular Biology & Bioinformatics	Knowledge About, Genetic material, Principles & Genetic engineering.
	VI	B040601 T	Cytogenetic, Plant Breeding & Nanotechnology	Knowledge About, Cell biology, Genetics, Plant breeding, Nanotechnology.
		BO40602 T	Ecology & Environment	Knowledge About, Ecology & Ecosystem, Soil Formation, Biodiversity and its Conservation.