

B.Sc. General in Botany

Programme Specific Outcome

1. Role of plants in the functioning of the global ecosystem
2. Students learn to carry out practical work, in the field and in the laboratory
3. Think logically and organize tasks into a structured form
4. Students can Use IT (word-processing, use of internet, statistical packages and databases)
5. Identify the taxonomic position of plants, formulate the research literature, and analyze non reported plants with substantiated conclusions using first principles and methods of nomenclature and classification in Botany
6. Apply reasoning informed by the contextual knowledge to assess plant diversity, its importance for society, health, safety, legal and environmental issues
7. Apply ethical principles and commit to environmental ethics and responsibilities and norms of the biodiversity conservation
8. Understand the impact of the plant diversity in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development

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Course Code	Course Name	Course Outcome
BOTGCC01	Biodiversity (Microbes, Algae, Fungi and Archegoniate)	Understanding of the lower plant groups and Microbial world
BOTGCC02	Plant Ecology and Taxonomy	to know about the inter relationship between plant and environment and plant conservation
BOTGCC03	Plant Anatomy and Embryology	To understand about the different plant parts and their internal structure
BOTGCC04	Plant Physiology and Metabolism	to know about the plant life process
BOTGSE01	Biofertilizer	General account about the microbes used as biofertilizer
BOTGSE02	Mushroom Culture Technology	Cultivation Technology of different species of edible mushroom
BOTGSE03	Ethnobotany	Know about the use of traditional plants
BOTGSE04	Plant Diversity and Human Welfare	Biodiversity information management and communication
BOTGDS01	Cell and Molecular Biology	to know about the central dogma and their flow from one generation to another generation
BOTGDS02	Research Methodology	To understand the basic concept of Research