

PROGRAMME OUTCOMES (B.Sc. BOTANY):

At the end of Under Graduate Programme, a student will have obtained:

PO1	Apply reasoning informed by the contextual knowledge to assess plant diversity, its importance for society, health, safety, legal and environmental issues and the consequent responsibilities relevant to the biodiversity conservation practice.
PO2	Apply the knowledge of basic science, life sciences and fundamental process of plants to study and analyze any plant form
PO3	Ability to understand the issues of environmental contexts and sustainable development
PO4	Ability to think rationally, analyze situations and solve problems adequately

Program Specific Outcomes:

At the end of B.Sc Botany, a student will have developed:

PSO1	Understand the principles of identification, classification and evolution of various plant groups according to their morphology, anatomy and palynology.
PSO2	Understand the principles life processes, biomolecules, and heredity.
PSO3	Evaluate biodiversity loss, and develop conservation strategies.
PSO4	Classify plants according to the principles of plant systematics, apply techniques of plant breeding, plant propagation and genetic engineering.
PSO5	Apply knowledge of Medicinal and Economic botany in day to day life
PSO6	Communicate scientific information in a clear and concise manner both orally and in writing

PROGRAMME OUTCOMES (M.Sc. BOTANY):

At the end of P.G. Programme, a student will have obtained:

PO1	The student completing the course is able to classify various life forms of plants, is able to design and execute experiments related to basic studies on ecology, physiology, biochemistry, etc.
PO2	A student is able to understand different fields of Botany like systematics, evolution, ecology, physiology, biochemistry, plant interactions, anatomy, morphology, reproduction, genetics and molecular biology of various life-forms.
PO3	The student completing the course is capable of executing short-term research projects/dissertations using tools and techniques in any of the basic specializations of Botany under supervision