DEPARTMENT OF BOTANY

COURSE OUTCOME

B.SC. BOTANY (GENERIC) – 3 years Degree (6 Semester)

The students learn about general characteristics, morphology, reproduction and economic uses of Algae, Fungi, Bryophyte, Pteridophytes, Gymnosperms and Fossils. The students will acquire knowledge of Taxonomy, morphology, embryology, and anatomy of angiosperms. The students become competent in understanding the plant physiological process, plant metabolism and ecology. The students acquire skill about different types of Biofertilizers and their applications. The students gain adequate information of plant diversity and Cell Biology, Genetics and Molecular Biology. The students acquire knowledge of Plant Breeding techniques. The students familiarize themselves with the basic concept and applications of economic botany and biotechnology.

B.SC. BOTANY (HONOURS) - 3 years Degree (6 Semester)

The students learn about general characteristics, morphology, reproduction and economic importance of Algae and Lichen, Fungi, Plant diseases, Bryophytes, Pteridophytes and Gymnosperms. The students learn about taxonomy, morphology, embryology, and anatomy of angiosperms. The students assimilate adequate knowledge in understanding about Plant Systematics. The students become proficient in knowing Phyto-geography and Economic Botany. The students absorb conceptual knowledge in understanding about Biochemistry and plant metabolism. The students become familiarize with concept of ecology and environment. The students acquire skill in understanding about Plant Physiology. The students become competent in gathering information about Cell Biology, Genetics and Molecular Biology. The students absorb profuse information about Plant Biotechnology and Tissue Culture. The students acquire skill about different types of Biofertilizers and their applications. The students familiarize with basic concepts of plant diversity. The students will learn the process of different types of Mushroom Culture. The students acquire knowledge about Plant Breeding. The students become proficient in understanding about Natural Resource Management.