

DEPARTMENT OF BOTANY

PROGRAMME OUTCOMES

- The student will be able to identify major groups of plants and compare the characteristics of lower (e.g. algae and fungi) and higher (angiosperms and gymnosperms) plants.
- To gain knowledge in the evaluation of plant diversity.
- To gain knowledge in Plant classification

COURSE OUTCOMES

- Students will be able to access the primary literature, identify relevant works for a particular topic, and evaluate the scientific content of these works.
- Students will be able to identify the major groups of organisms with an emphasis on plants and be able to classify them within a phylogenetic framework. Students will be able to compare and contrast the characteristics of plants, algae, and fungi that differentiate them from each other and from other forms of life.
- Students will be able to use the evidence of comparative biology to explain how the theory of evolution offers the only scientific explanation for the unity and diversity of life on earth. They will be able to use specific examples to explicate how descent with modification has shaped plant morphology, physiology, and life history.