

## **B.Sc. Botany**

### **Programme Outcomes (PO's)**

- PO1. Understanding of Plant Diversity and its importance in the maintenance of ecological balance.
- PO2. Students learn to carry out practical work, in the field and in the laboratory, interpreting plant morphology and anatomy, Plant identification, Vegetation analysis techniques.
- PO3. Apply the knowledge of basic science, life sciences and fundamental process of plants.
- PO4. Apply modern techniques and instruments for Biochemical estimation, Molecular Biology, Biotechnology, Plant Tissue culture experiments, cellular and physiological studies of plants with an understanding of the applications in human life.
- PO5. Apply the knowledge gained from the studies for the upliftment of society via addressing health, environmental issues, food scarcity etc.
- PO6. Demonstrate and apply the fundamental knowledge of the basic principles of major fields of biology
- PO7. Apply knowledge to solve the issues related to plant sciences with the help of computer technology
- PO8. Apply knowledge for conservation of endemic and endangered plant species