

# Department of Botany

## Programme: B.Sc Botany

### PROGRAMME SPECIFIC OUTCOMES (PSOs)

1. Scope and importance of Botany: Understand scope and importance of Botany in every field especially in dealing with societal and environmental issues, agriculture, ethics and healthcare.
2. Environmental concern: Understand the and the role of plants in sustaining life on earth and the interrelationship between human beings and nature, create awareness on natural resources and their importance in sustainable development, analyze the importance of biodiversity conservation, estimate biodiversity loss and develop conservation strategies.
3. Scientific temper: Develop scientific temper and undertake scientific projects.
4. Practical applications: Identify and classify plants according to the principles of plant systematics, apply techniques like plant propagation methods, organic farming, mushroom cultivation, preparation of biofertilizers, biopesticides etc. in daily life.
5. Awareness on life processes: Understand plant life processes, biomolecules, basic hereditary and evolutionary principles.