

Department of Botany

Botany Course outcomes-

- 1) B.Sc. students understand plants structure in the context of physiological functions of plants.
- 2) Students understand the structural organization and variation in chromosomes.
- 3) Students will be able to start ventures related to plants, viz; horticulture units, agro-units, (mushroom cultivation, plant tissue culture ,Hi-tech Nursery etc.) plant exploration and Conservation NGO.
- 4) The students equipped with the basics of plant science will be able to apply the knowledge in practising agriculture with a scientific outlook there by increasing the production and profits.
- 5) Students acquire knowledge on anatomy and developmental biology of the plants.
- 6) Students get basic understanding of the physiological mechanism of plants.
- 7) The student gets knowledge about bio-instruments like, Centrifuge, Spectrophotometer. Electrophoresis, Chromatography principle and students apply these mechanism to the process of experimentation.
- 8) Students understand the advantages and method of large scale production of biofertilizer technology and Organic farming.
- 9) Students understand the production of synthetic seeds and significance.
- 10) Student get knowledge on Biopesticides- characteristics, physiology, mechanism of action and its application.
- 11) Students understand the role of tissue culture in crop improvement.
- 12) Students get knowledge about Botanical Survey of India (BSI).