

Course outcomes of Botany

- The students aware about identification Bacteria, Viruses and Mycoplasma.
- The Students are able to identify the members of Algae, Fungi, Bryophytes and Pteridophytes.
- Provide thorough knowledge about morphology of vegetative organs such as root stem and leaf as well as morphology of reproductive organs such as inflorescence, flower, fruit and seed.
- Provides the knowledge of Histology, Anatomy and Embryology.
- Students should learned to the system of classification such as artificial, Natural and Phyllogentic.
- Provide the knowledge about Botanical Gardens.
- Herbarium techniques give knowledge to help the identification of plants.
- Understand Binomial Nomenclature.
- Study of the families: systematic position, salient features, floral formula, floral diagram, common examples and their economic importance.
- Understand Climatic factors – Edaphic factor
- Realize Response of plants to water, Phytogeography, Community ecology and Ecosystem.
- Study of Gymnosperms and utilization of plants in concern with human life.
- Learn Plant water relations, Mineral nutrition and Translocation of solutes.
- Provide the knowledge of Photosynthesis and Respiration.
- Understand Enzymes, Growth and application of Growth Regulators.
- Understand ultra structure, chemical composition, Functions of chromosome.
- Study of Cell, Cell wall and cell organelles and Nucleus.

- Provides the knowledge of Cell Division (Mitosis and Meiosis) and Structure and chemical composition of DNA.
- Deals with the study of Fundamentals of Plant Pathology.
- Study of Plant diseases with respect to symptoms, causal organism, disease cycle and disease management.
- Aware about Interaction of genes and Sex Determination, Sex determination, Structure and function of gene and Biotechnology.
- Understand Microbial techniques, Culture media for isolating plant pathogen, Disease management and Control methods.