

Course Outcomes

Semester - I

Paper No : – I Diversity of cryptogams - I

CO- 1 : To study the algae, fungi, bacteria and infected tissue.

CO- 2 : Student should know the life cycle of Algal forms and fungal form.

CO- 3 : Students should know different economic and importance of Algae and fungi, Bacteria, lichen.

CO- 4 : Student should acquire skill to identify and classify the different Algae, fungi, Bacteria etc.

Paper No : -II Morphology of Angiosperms

CO- 1 : Student should acquire the as skill, to identify and classify the different plants.

CO- 2 : Student should know the detailed morphology of Angiosperms.

CO- 3 : Student should acquire the skill of section cutting and staining of plants.

CO- 4 : They should know the Anatomy of root, root , stem, as well as leaves of angiospermic plants..

CO- 5 : Student should know the morphology of reproducing plants of Angiospermic plants.

Semester - II

Paper No :- IV Diversity of Cryptogams - II

CO- 1 : To study the different Thallophyta group.

CO- 2 : Students should know different Bryophyta plants.

CO- 3 : Student should to know the life cycle of Bryophyta and Pteridophyta plant.

Paper No : -V Histology, Anatomy & Embryology

CO- 1 : Students familiar with different types of tissues and their organization.

CO- 2 : Student should know Anatomy of dicot and monocot plants i.e. root, stem and leaves.

CO- 3 : Should know acquire skill of section cutting and staining of plants.

CO- 4 : They should be familiar with reproductive organs and fertilization process in angiosperms.

CO-5 : Student should know the dicot and monocot seed, fruit and embryo.

Semester - III

Paper No : -VII Gymnosperms and Utilization of Plants

CO- 1 : Student should know Gymnospermic plant characters.

CO- 2 : They should know External and Internal morphology of Cycads and Pignuts plant .

CO- 3 : They should know reproductive process in Gymnosperm.

CO- 4 : Student should acquire skill of section cutting and styling of section.

CO-5 : Student should know perfect knowledge of medicine of plants.

Paper No : – VIII Plant Ecology & Phytoogeography

CO- 1 : Student to understand different Ecosystem of their surrounding concept of biodiversity, biogeography and their conservation .

CO- 2 : Students should to know the plants and water relationship.

CO- 3 : Students study the different vegetation type in India.

Semester - IV

Paper No : -XI Taxonomy of Angiosperms

CO- 1 : Student should know the Angiospermic plant character i.e. primitive and advance character.

CO- 2 : The should know the Bentham and Hookers, system and classification Angiosperm

CO- 3 : Student should know the characters of cytology, embryology, Anatomy, related with taxonomy.

CO- 4 : Student should know detailed morphology of angiosperms.

CO- 5 : They should organize the skill of description, identification and classification.

Paper No : – XII Plant Physiology

CO- 1 : Student know the different physiological activities in plant.

CO- 2 : Student to know the different growth regulators and essential elements.

Semester - V

Paper No : -XV Cell-Biology & Molecular Biology

CO- 1 : Students should understand the basic concept of cell-biology.

CO- 2 : To study the able to analysis the karyotype of different plant.

CO- 3 : Student should have detail knowledge about the genetic material of various bacteria, fungi and mechanism of transfer of DNA and to understand the importance of recombination DNA technology.

CO- 4 : To study with plant genomic DNA isolation, RNA isolation.

Paper No : -XVI(A) Diversity of Angiosperms - I

CO- 1 : Students should know diversity of Angiosperms.

CO- 2 : Student should be familiar with the types of biodiversity.

CO- 3 : Student must be aware of conservation of biodiversity.

CO- 4 : Student should know the classification of Angiosperms..

CO- 5 : Study Students should be perfect knowledge of identification of plants of different families.

Semester - VI

Paper No : -XIX Genetics & Biotechnology

CO- 1 : Student should have the techniques of tissue culture – general technique and specific techniques also they should have knowledge of propagation techniques

CO- 2 : To study the different Law of Mendel

CO- 3 : Student should have study of different experiment on pea plant c mon, Di, Tri-hybrid ratio.

CO- 4 : To compare the sex –determination in animals.

CO- 5 : Student should to know about Genetic engineering and genetic Engineering application.

Paper No : -XX(A) Diversity of Angiosperm - II

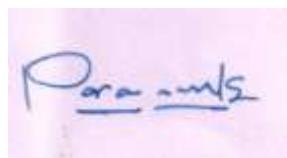
CO- 1 : Student should be familiar about herbalism and they acquire a skill of herbalism preparation.

CO- 2 : They should know about analytical characters.

CO- 3 : They should be able to prepare identical and bracket of keys for plant identification..

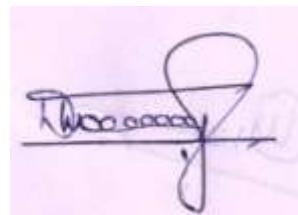
CO- 4 : Student should be able to describe various families up to series level.

CO- 5 : Student should know pollen preparation techniques.



Head

Department of Botany



Principal