

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 Pteridiophyta 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 & Phytogeography

- 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.

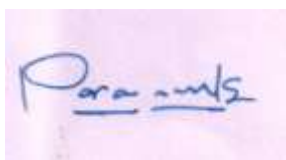
Semester - VI

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.

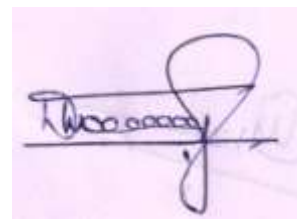
Paper No : -XX(A) Diversity of Angiosperm - II

- 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