



Govt. Science College, Jabalpur

B.Sc. 3rd year

Botany

Plant physiology and Metabolism (Theory)

(Group A Paper I)

Course Learning Outcomes (CLO)

- ❖ This course provides learning opportunities in the field of plant physiology, metabolism and biochemical aspects.
- ❖ It gives knowledge about significance of vegetation for sustaining life on earth by learning interesting physiological functions of plants.
- ❖ Students can know the valuable contribution of plants for mankind and society with the help of this course.
- ❖ The practical application of different aspects will be possible for entrepreneurship development.





Govt. Science College, Jabalpur

B.Sc. 3rd year

Botany

**Ecology and Forestry
(Group A Paper II)**

Course Learning Outcomes (CLO)

- ❖ Observing the forested landscape.
- ❖ Analyzing data.
- ❖ Critiquing.
- ❖ Synthesizing.
- ❖ Communicating.
- ❖ Identification of forest types.
- ❖ Role and importance of forests in human life.





Govt. Science College, Jabalpur

B.Sc. 3rd year

Botany

**Cytology, Plant Breeding and Biotechnology
(Group B Paper I)**

Course Learning Outcomes (CLO)

- ❖ Learn the basic principles of cytology, plant breeding, and biotechnology.
- ❖ Acquire the applicability of biotechnology in relation to the welfare of society.
- ❖ Explain the importance of plant breeding.
- ❖ Differentiate between cell division types.





Govt. Science College, Jabalpur

B.Sc. 3rd year

Botany

**Ecology and Forestry
(Group B Paper II)**

Course Learning Outcomes (CLO)

- ❖ Apprehend plant products used in daily life.
- ❖ Assess the diversity of plants and the plant products in human use.
- ❖ Understand core concepts of economic botany.
- ❖ Get acquainted with the resources of millets, cereals, pulses, vegetables, flowers, fiber and wild food plants.
- ❖ Recognize the importance of plants for enhancing immunity and their role in various medicinal systems.

