

OUT COMES OF LEARNING M.Sc. BOTANY

Learning Outcomes:

- LO₁: Understand the structural organization and variation in chromosomes
- LO₂: Get self-employment in the fields as: mushroom cultivation, organic manure preparation, the horticultural plant production through nursery technique, cultivation of crops in poly-house, plant tissue culture laboratories etc.
- LO₃: Understand plant structures in the context of physiological functions of plants.
- LO₄: Understanding the importance of lipids and their metabolism in plants.
- LO₅: Understand the morphological and structural organization of Algae, Fungi, and Plants.
- LO₆: Economic Botany and exploration of plants for human benefit.
- LO₇: Diversity of plants with respect to their ecological significance.
- LO₈: Developmental biology of plants.
- LO₉: Industrial application of microorganism and plants.

Master of Science (M.Sc.)

Programme Outcomes:

PO₁: **Knowledge and understanding**; of the range of plant diversity with their structure and function and environmental relationships. The evaluation of plant diversity through basic taxonomical research.

PO₂: **Rational abilities**; Assimilate the knowledge and scientific ideas based on wide reading, and research through the internet. Exchange of knowledge and comparative discussion of various topics within the subject. Construct and testing the hypothesis so that they can develop research attitude and write a report on a project.

PO₃: **Practical skills**: Students learn to carry out practical work, in the field and in the laboratory, with minimal risk.

PO₄: **The Botanist and society**: Apply reasoning informed by the contextual knowledge to assess plant diversity, its importance for society, health, safety, legal and environmental issues and the consequent responsibilities relevant to the biodiversity conservation practice.

PO₅: **Environment and sustainability**: Understand the impact of the plant diversity in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.


THE CO-ORDINATOR
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