

CO-Course Outcome Botany

- CO1. To study the different metabolic process for synthesis of food material in details
- CO2. To make the students aware about conservation and sustainable use of plants
- CO3. Design different post harvest methods to cope over diseases.
- CO4. To make the students aware about conservation and sustainable use of plants.
- CO5. To study the techniques of multiplication by tissue culture
- CO6. Evaluate the performance of multiplication technique and seed storage technique.
- CO. 7 To study vascular and nonvascular plants
- CO. 8 Analysis of data by biostatistics.

PSO of Botany

- **PSO 1.** The students are expected to acquire knowledge of plant and related subjects so as to understand natural phenomenon, manipulation of nature and environment in the benefit of human beings.
- **PSO 2.** To develop ability for the application of the acquired knowledge to improve agriculture and other related fields to make the country self reliant and sufficient.
- **PSO 3.** Students can recall details and information about the evolution, anatomy, morphology, systematics, genetics, physiology, ecology, and conservation of plants, algae, and fungi.
- **PSO 4.** Students can recall details of the unique ecological and evolutionary features of the Indian flora.
- **PSO 5. Communication skills**

Students can communicate effectively using oral and written communication skills.

- **PSO 6. Problem solving and research skills**

Students can generate and test hypotheses, make observations, collect data, analyze and interpret results, derive conclusions, and evaluate their significance within a broad scientific context.

- **PSO 7. Ethics:** The subject teach students about the ethical

Botany approach, not to cut the plants

- **PSO8.** To provide thorough knowledge about various plant groups from primitive to highly evolved.
- **PSO9.** To make the students aware of applications of different plants in various industries.
- **PSO10.** To highlight the potential of these studies to become an enterpruner
- **PSO11.** To equippe the students with skills related to laboratory as well as field based studies
- **PSO12.** To make the students aware

about conservation and sustainable

use of plants

- **PSO13.** To create foundation for further

studies in Botany

- **PSO14.** To facilitate students for taking up

and shaping a successful career in Botany

- **PSO15.** • To address the socio- economical challenges related to plant sciences.

Programme Outcome- Science

PO1 To impart knowledge of Science is the basic objective of education.

PO2 To develop scientific attitude is the major objective to make the students open minded, critical, curious.

PO3 To develop skill in practical work, experiments and laboratory materials and equipments along with the collection and interpretation of scientific data to contribute the science.

PO4 To understand scientific terms, concepts, facts, phenomenon and their relationships

PO5 To make the students aware of natural resources and environment.

PO6 To provide practical experience to the students as a part of the course to develop scientific ability to work in the field of research and other fields of their own interest and to make them fit for society.

PO7 To create the interest of the society in the subject by exhibitions and other similar activities