



VISION

- Attempt is to prepare student for stewardship responsibility and lifelong learning by drawing attention to the vast world of knowledge of plant and as well as introducing to the methodology of systematic academic enquiry. With this in mind we aim to provide a firm foundation in every aspect of Botany and to explain a broad spectrum of modern trends in Botany.



MISSION

- Our mission is to foster an ambience of distinction by attracting and supporting the outstanding students, faculty and staff needed to sustain our vision.
- Provision of knowledge that bestows academic environment that contribute towards creating socially responsible citizens who have adequate skills in reflective thinking, leadership, team play, scientific temper with lifelong learning affinity.
- Create a stimulating environment that facilities intellectual growth of students; provide students with the time and freedom to experience powerful pedagogies such as research, service-learning and internship; encourage students with scientific approach to learning.
- To foster an environment of excellence by providing a comprehensive set of course in Botany that enhances the understanding, fundamental and in-depth knowledge and technical competency.
- To inculcate the students with an environment that foster nature conscious stewardship responsibility and Entrepreneurial skill development, multidisciplinary research competency through interdisciplinary learning and teaching positions in biological science.
- To serve the society's need and contribute to transform the society into a knowledge society.
- To produce highly qualified under graduate students in the field of plant sciences that serve in academic and research institutions.
- To develop the ability for the application of acquired knowledge in the fields of life so as to make our country self reliant and self sufficient.
- To make aware of natural resources and environment and the importance of the universe on life.



Programme Outcomes

- Comprehend knowledge on basic concepts, development and application aspects of plant science.
- Interpret the scientific classification for better understanding, conservation and identifying plants around us.

- Make use of the hands-on experience acquired in fundamental botany, advanced biotechnological methods and in vitro studies to promote new variants in crop plants and for environmental development.
- Develop technical skills in expression, team, work, informatics and report botanical values of plants through lifelong investigation and dissemination of learning.

Programme Specific Outcomes

- Evaluate the phytochemicals and develop skills on nursery management, herbarium preparation, handling microscopes, sketching the anatomical structure of plants.
- Interpret the scope of plant biodiversity Algae, Fungi, Bryophytes, Pteridophytes, Gymnosperm and Angiosperms, their physiological process, ecological, biochemical, cytological and molecular interactions on plants.
- Analyse the theories in plant science, development of plants, their adaptations and strategy for conservation and interaction of plants to the abiotic components and nutrient cycling in the environment.
- Classify the plants scientifically, attain knowledge on the systematics, evolution of plants from lower to higher forms and their interrelationships and the economic importance of various plants and plant-based traditional drugs.