

DEPARTMENT OF BOTANY

VISION

- To inspire, educate, and empower the next generation of Botanists, researchers who will drive sustainable solutions for a greener future.

MISSION

- To provide an immersive learning experience that encompasses classroom instruction, laboratory work, field studies, and practical applications.
- To provide hands-on experiences to foster a deep understanding of plant life, ecosystems, and their relevance to human society.
- To nurture scientific temperament and encourage students for lifelong learning by drawing attention to the vast world of knowledge of plant kingdom.
- To facilitate the academic, moral and financial development of the student who shall be self-reliant and responsible in the society.

Programme Outcomes (POs):

1. Acquire a comprehensive understanding of domain-specific knowledge and demonstrate their acquired skills effectively during practical transactions within the specific domain.
2. Demonstrate proficient analytical and problem-solving skills through the application of critical thinking strategies to address real-world situations effectively.
3. Master effective communication, collaborate skilfully with diverse stakeholders, nurture meaningful dialogues, and build strong professional bonds in and beyond college.
4. Exhibit proficiency in ethically using information from diverse sources, analysing and synthesizing data effectively for real-world research.
5. Exemplify ethical standards in personal and professional contexts, appreciate diverse cultures, evaluate social responsibility's impact on well-being, and advocate for student betterment.
6. Actively promote social awareness through community service, contributing to a more inclusive and compassionate global community.
7. Embrace continuous learning, create professional growth chances, and prioritize personality development and physical well-being for a holistic approach.
8. Foster self-confidence, advocate student empowerment, demonstrate expertise for growth in studies, employment, and entrepreneurship, creating a brighter and equitable future.

Programme Specific Outcomes (PSOs):

PSO 1: Graduates will demonstrate a deep understanding of Botany, Zoology, and Chemistry principles, fostering interdisciplinary competence.

PSO 2: Graduates will excel in designing and conducting interdisciplinary research projects across the three disciplines.

PSO 3: Graduates will address ecological and environmental challenges with sustainable solutions, considering human impacts.

PSO 4: Graduates will master laboratory, fieldwork, and data analysis techniques in Botany, Zoology, and Chemistry.

PSO 5: Graduates will communicate scientific findings effectively and uphold ethical standards in research and practice.