



Department of Zoology

Programme Specific Outcomes



PSO 1: Comprehend Animal Diversity and Evolutionary Relationships: Demonstrate understanding of the diversity, structure, function, and evolutionary relationships of organisms across all major animal phyla.

PSO 2: Apply Biological and Laboratory Techniques: Acquire hands-on experience in microscopy, dissection, bioinstrumentation, and analytical methods to study animal form and function safely and effectively.

PSO 3: Integrate Genetics, Cell Biology, and Biochemistry Concepts: Explain cellular and molecular processes, inheritance patterns, and biochemical pathways, and relate them to normal and disease conditions.

PSO 4: Evaluate Environmental and Ecological Systems: Analyze ecosystem dynamics, biodiversity patterns, and environmental threats, and apply conservation strategies for sustainable living.

PSO 5: Design and Conduct Scientific Investigations: Formulate hypotheses, design experiments, collect and interpret biological data using statistical and digital tools, and communicate findings ethically.

PSO 6: Demonstrate Ethical and Responsible Biological Practice: Exhibit ethical awareness and professional responsibility in the handling of animals, laboratory materials, and environmental resources.

PSO 7: Promote Application of Zoology in Society and Industry: Apply zoological knowledge in fields such as public health, fisheries, vermitechnology, bio-entrepreneurship, and environmental consultancy.

PSO 8: Communicate and Collaborate Effectively: Present biological ideas clearly in written, oral, and digital formats, and work collaboratively in interdisciplinary or field-based teams.