

Department of Zoology
Programme: Post-graduate

**Programme specific outcome
(PG)**

- PSO1- To demonstrate and apply the fundamental knowledge of the basic principles of major fields of Zoology;
- PSO2- To apply knowledge to solve the issues related to animal sciences
- PSO3- To take appropriate steps towards conservation of endemic and endangered animal species
- PSO4- To help to develop scientific tempers and attitudes, which in turn can prove to be beneficial for the society.
- PSO5- To use their in-depth knowledge about different biological systems, their coordination and control as well as evolution, behavior, and biological roles of the animals in the ecosystem.
- PSO6- To acquire complete in-depth knowledge in the specific areas of Functional Biology of Invertebrates and Chordates, Molecular Cell Biology, Genetics, Environmental Science, Bio-instrumentation & Biostatistics, Biochemistry, Biosystematics and Evolution and Vertebrate Immunology.
- PSO7- To able to qualitatively and quantitatively analyze evolutionary parameters using various biostatistics and computational tools used in modern sciences.
- PSO8- To acquire hands on experience of working in the field on these areas and experimentation in these areas.
- PSO9- To gain mastery on the biological functioning of fish and inland fisheries or in the field of Entomology.
- PSO10- To understand about complex interactions among the various animals of different phyla, their distribution and their relationship with the environment
- PSO11- To understand the nature and basic concepts of cell biology, genetics, taxonomy, physiology, ecology and applied Zoology
- PSO12- To understand the importance and knowledge of agro – based industries like sericulture, pisciculture etc.
- PSO 13- To learn about animal behaviour and will develop empathy towards animals.
- PSO 14- Understand about various concepts of genetics and its importance in human health
- PSO 14- To apply the scientific knowledge acquired in zoology and become skilled professionals adhering to the values of sustainable living.
- PSO 14- To develop and popularize scientific temper to make conceptual contributions in zoology and promote environmental consciousness.
- PSO 15- To understand and contextualize environmental and ethical issues and contribute towards the betterment of the environment, protection of endangered species and sustainable growth.

PSO 16- To demonstrate analytical reasoning, problem-solving, scientific reasoning, and reflective thinking as professionals in all frontiers of zoology.