



## **BACHELOR OF ZOOLOGY**

On the successful completion of B.Sc Zoology programme, the students will

**PSO1:** Understand the basic concepts, fundamental principles, and the scientific theories related to various scientific phenomena and their relevance in the day-to-day life.

**PSO2:** Enable themselves to identify a range of invertebrate and vertebrate animals.

**PSO3:** Acquire Information on core subjects in the biological sciences, including cell biology, developmental biology, genetics, ecology, biotechnology, and evolution.

**PSO4:** Gain knowledge of animals and their interactions with the environment.

**PSO5:** Develop skills in basic laboratory Techniques.

**PSO6:** Obtain Employability skills.



## MASTER OF ZOOLOGY

On the successful completion of M.Sc. Zoology programme, the students will

**PSO1:** Develop working knowledge of facts and concepts in a specific area of biology.

**PSO2:** Understand and create awareness of relevant theories, paradigms, concepts and principles of zoology.

**PSO3:** Be able to express the scientific method through the use of hypothesis testing in the design and implementation of an experiment.

**PSO4:** Comprehend the evolutionary history and main characteristics and physiological functions of main animal groups.

**PSO5:** Understand the relationships between elements of animal biodiversity and the physical, biological, and cultural environment.

**PSO6:** Get knowledge in the wide range of solutions that animals have evolved to deal with their environment.

**PSO7:** Undertake a quantitative and qualitative approach to acquiring, analyzing and interpreting data.



## MASTER OF PHILOSOPHY IN ZOOLOGY

On the successful completion of M.Phil. Zoology programme, the students will

**PSO1:** Acquire in-depth knowledge of scientific phenomenon related to various subjects in Zoology.

**PSO2:** Obtain the skills in handling scientific instruments, planning and performing in laboratory experiments.

**PSO3:** Develop the skills of observations and drawing logical inferences from the scientific experiments

**PSO4:** Analyze the given scientific data critically and systematically and draw the objective conclusions.

**PSO5:** Be able to use statistical and analytical methods effectively.

**PSO6:** Gain technical competence in planning, conducting and reporting on investigations.