

UNDERGRADUATE PROGRAMME SPECIFIC OUTCOMES

Name of the Programme: B.Sc. Zoology

PS01	After successfully completing the B.Sc. Zoology program students will be able to: Understand fundamental concepts of taxonomy and diversity of animal life.
PS02	Apply the knowledge of internal structure of cell, its functions in control of various metabolic functions of organisms.
PS03	Understand the animal physiology studying the different physiological processes in lower vertebrates.
PS04	Understand the Systematic position, external morphology and various systems like digestive, respiratory, circulatory, excretory, reproductive, nervous system of different vertebrate and invertebrates representative animals.
PS05	Understand the types of animal tissue and cellular architecture of different tissues.
PS06	Understand the biochemical functions and mechanisms of different biomolecules to keep the animal organ and body functional.
PS07	Understand the environmental conservation processes and its importance,
PS08	Describe the measures undertaken to control environmental pollution and protect biodiversity and endangered species.
PS09	Understand the biology of various parasites and pathogens of human and domestic animals.
PS010	Apply the knowledge of cell biology to explain various types of tumors.
PS011	Gain knowledge about various tools & techniques used in biological systems and gives them insight about their use in research.
PS012	By applying the knowledge of metabolic and physiological mechanisms of the animal body, students will be able to identify various diseases and infections.
PS013	Apply the knowledge of genetics in various human welfare programs.
PS014	Understands the complex evolutionary processes; origin and development of animals.
PS015	Understand different developmental processes of animals Gametogenesis, Fertilization and early development.

PSO16

How zoological principles can be applied to problems in public health and Hygiene, conservation and applied biology.