

Zoology Program Outcomes, Program Specific Outcomes and Course Outcomes Zoology

Program Outcomes (PO)

After successful completion of B.Sc. (Hons.) in Zoology, students gain the knowledge of the following –

PO1 - Students gain knowledge and skill in the fundamentals of animal sciences, understands the complex interactions among various living organisms.

PO2 – Analyse complex interactions among the various animals of different phyla, their distribution and their relationship with the environment.

PO3 – Apply the knowledge of internal structure of cell, its functions in control of various metabolic functions of organisms.

PO4 – Understands the complex evolutionary processes and behavior of animals.

PO5 – Correlates the physiological processes of animals and relationship of organ systems.

PO6 – Understanding of environmental conservation processes and its importance, pollution control and biodiversity and protection of endangered species.

PO7 – Gain knowledge of small scale industries like sericulture, fish farming, bee keeping, aquaculture, animal husbandry, poultry farm.

PO8 – Understands about various concepts of genetics and its importance in human health.

PO9 - Apply ethical principles and commit to professional ethics and responsibilities in delivering his duties.

PO10 – Apply the knowledge and understanding of Zoology to one's own life and work.

PO11 – Develops empathy and love towards the animals.

Program Specific Outcomes (PSO):

PSO1. Understand the nature and basic concepts of cell biology, genetics, taxonomy, physiology, biochemistry, ecology, evolutionary biology, developmental biology and applied and economic zoology.

PSO2. Analyse the relationships among animals, plants and microbes.

PSO3. Perform procedures as per laboratory standards in the areas of Taxonomy, Physiology, Ecology, Cell biology, Genetics, Applied Zoology, Clinical science, tools and techniques of Zoology, Toxicology, Entomology, Nematology, Sericulture, Biochemistry, Fish biology, Animal biotechnology.

PSO4. Understand the applications of biological sciences in Apiculture, Aquaculture, Sericulture, Animal Husbandry, Poultry Farm.

PSO5. Gains knowledge about effective communication and skills of problem solving methods.

PSO6. Contributes the knowledge for Nation building.