

Program Specific Outcomes: PSO of M. Phil, Zoology

- Demonstrated a broad understanding of the central facts and the experimental basis of modern Zoology.
- Solved problems of a numerical or logical nature in the context of this understanding.
- Reached a high level of achievement in writing, research or project activities, problem-solving and communications.
- Critical and creative thinkers, with an aptitude for continued self-directed learning are able to examine critically, synthesize and evaluate knowledge across a broad range of modern Zoology.
- Designed and carried out a research project.

M.Phil. ZOOLOGY

COURSE OUTCOMES - RESEARCH METHODOLOGY

- Described the principle, working mechanism and applications of various instruments used in research laboratory.
- Understood the handling of Good laboratory practices.
- Came to knowing the microbial and animal culture techniques.
- Described the Principles and Applications of Tracer Techniques in Biology.
- Understood the central concepts of modern statistical theory and their probabilistic foundation.

COURSE OUTCOMES - ADVANCED ZOOLOGY

- Recognized the anatomical structures and explain the physiological functions of organ systems.
- Described the fundamental molecular principles of classical and modern Genetics.
- Understood the advanced knowledge of present day in molecular level of cell Biology.
- Came to know about some of the important and common protozoans, helminthes and arthropods and their parasitic nature causing diseases in human.
- Understood the applications of Molecular techniques in animal health.

COURSE OUTCOMES - ANIMAL BIOTECHNOLOGY

- Described molecular mechanisms of the most fundamental genetic processes and technologies.
- Described the Genetic engineering guidelines.
- Understood the Ethics – Morality about Animal Biotechnology.
- Came to knowing molecular techniques in disease diagnosis.
- Understood the Human genome project.