DEPARTMENT OF ZOOLOGY

Program specific Outcomes (On completion of the programme, students will be able to)

PSO$_1$	Identify and list out common animals
PSO$_2$	Explain various physiological changes in our bodies
PSO$_3$	Analyze the impact of environment on our bodies
PSO$_4$	Understand various genetic abnormalities
PSO$_5$	Develop respect for nature
PSO$_6$	Explain the role and impact of different environmental conservation programmes
PSO$_7$	Identify animals beneficial to humans
PSO$_8$	List out various potential risk factors to health of humans
PSO$_9$	Exhibit technical competence in planning, conducting and reporting on investigations
PSO$_{10}$	Apply knowledge to address issues of the protection and restoration of biodiversity, ecological integrity and biological wealth (resources)
PSO$_{11}$	Economic importance of various groups of animals (Ex: sponges, molluscan shells)
PSO$_{12}$	Understand the Scope of cell biology, because cell is the basic unit of life
PSO$_{13}$	Understand the various Indian breeds of poultry, dairy etc and their benefits to mankind
PSO$_{14}$	To aware the students for various parasites and diseases which spreads in man through different vectors (Ex Mosquitoes)
PSO$_{15}$	Importance of enzymes, vitamins, minerals and concept of balanced diet

Significant outcome of practicals leads to understand

- Concepts of vital staining (nuclear stain and cytoplasmic stains)
- Techniques used for the study of blood corpuscles
- Different types of mouthparts of insects (biting, sucking, sponging etc)
- Adaptations of different animals to varied habitats
- Fossils and their significance
- Isolation of DNA, preparation of haemin crystals, counting of RBC and WBC
- Physiological tests for urine (abnormal constituents) and blood (glucose level)