

# **Government P. G. College, Berinag**

## **Department of Zoology**

### **Programme Outcome**

This programme aims to equip students with the knowledge on basic and recent advances in Zoology as well as to empower students so that they can understand the challenges and needs of the society related to realms of Zoology such as Ecology, Environmental Biology, Evolutionary Biology, Biotechnology, Microbiology, Biomedical Sciences, Apiculture, Sericulture, Pisciculture etc.

### **Programme Specific Outcome (PSO) at PG Level**

After the completion of Masters's degree in Zoology, students will be able to:

**PSO1:** Qualify competitive exams like UPSC, NET, SET, GATE, etc.

**PSO2:** Develop the inquisitive and ignited mind to enter in to the field of scientific research

**PSO3:** Get job opportunities in the education, environment, agriculture based and health related sectors

**PSO4:** Pursue career in various health related departments and medical laboratories working on microbiological aspects

**PSO5:** Understand the diversity, characters, habit and habitats of animals belonging to group of invertebrates and vertebrates, their behavior and development

**PSO6:** Understand the ecological principles and environmental problems to humanity and know the role, scope and importance of Biotechnology

**PSO7:** Job opportunities in the contemporary areas of Zoological Sciences

**PSO8:** Know the basic and recent advances in the field of cell biology, genetics and molecular biology which will help them to get jobs in molecular labs

**PSO9:** Get information on concepts of endocrinology, human physiology and biochemistry which will help students to get employment in the field of clinical and medicals labs, institutions etc.

**PSO10:** Understand the breadth of experimental techniques related to modern instrumentation in the field of Biological Sciences, role of biostatistics and computational biology in research and education

**PSO11:** Get deeper information and knowledge in the field of Ichthyology, Entomology, Animal Biotechnology and Immunology