

# ***M.Sc ZOOLOGY***

## **Semester I**

- Structure and Functions of Non-chordates
- Ecological theories and applications
- Genetics and Genetic Engineering
- Tissue structure Function and Chemistry
- Parasites and Immunity
- Laboratory course

## **Semester II**

- Structure and Functions of Chordates
- Comparative Animal Physiology
- Endocrinology and Neuroscience
- Cell and Receptor Biology
- Biochemistry and Molecular biology
- Laboratory course

### **Semester III**

- Taxonomy and Biodiversity
- Evolution and Animal Behavior
- Development and Differentiation
- Laboratory course
- Elective I Theory
- Elective I Practical

### **Semester IV**

- Conservation Biology and Wildlife
- Biostatistics, Bioinformatics and Instrumentation
- Biotechnology and Applications
- Laboratory course (1 module)
- Elective II Theory
- Elective II Practical
- Seminar and Dissertation or Review