

Course Syllabus

B.Sc. Zoology/ UG Program

I Year

- **I Semester (Paper-I):** Animal Diversity– Invertebrates& Vertebrates
- **II Semester (Paper-II):** Comparative Anatomy of Vertebrates and Developmental Biology

II Year

- **III Semester (Paper-III):** Animal Physiology and Animal Behaviour
- **IV Semester (Paper-IV):** Cell and Molecular Biology & Genetics

III Year

- **V Semester (Paper-V):** Immunology and Animal Biotechnology
- **VI Semester (Paper-VI):** Physiological Chemistry& Endocrinology

M.Sc. Zoology

SEMESTER-I

- **Paper I:** Biosystematics, Structure & Function of Invertebrates
- **Paper II:** Tools and Techniques in Biology
- **Paper III:** Animal Physiology and Ethology
- **Paper IV:** Genetics and Evolution

SEMESTER-II

- **Paper I:** Structure and Function of Vertebrates
- **Paper II:** Environmental Biology
- **Paper III:** Biochemistry
- **Paper IV:** Biostatistics and Computer Applications

SEMESTER-III

- **Paper I:** Molecular Biology
- **Paper II:** Immunology
- **Paper III:** Parasitology
- **Paper IV:** Endocrinology & Reproductive Physiology

SEMESTER-IV

- **Paper I:** Cell Biology
- **Paper II:** Developmental Biology
- **Paper III:** Fisheries And Aquaculture
- **Paper IV:** Animal Biotechnology