

ZOOLOGY -Major Course

PROGRAMME OUTCOME

The B.Sc. program is planned in such a way that it allows flexibility and innovation in programme design, syllabi development, teaching-learning process and quality assessment of student's learning levels. Updating of teaching learning pedagogy and outcome-based education form the pillars of the programme.

After approaching B.Sc. in zoology students should be able to identify, classify and differentiate diverse chordates and non- chordates based on their morphological, anatomical and systemic organization. They will also be able to describe economic, ecological and medical significance of various animals in human life which will enhance the chances of their research or professional life, related to conservation biology, in future.

Knowledge and skills in biotechnology, biostatistics, bioinformatics and molecular biology will also help to pursue career as a researcher. These methodologies will provide an extra edge to our students, who wish to undertake higher studies. In-depth knowledge and understanding about comparative anatomy and developmental biology of various biological systems; and learning about the organisation, functions, strength and weaknesses of various systems will let students critically analyse the way evolution has shaped these traits in the human body.

This course also includes Skill enhancement courses (SEC), shall be making Students successful entrepreneurs. Deep understanding of different application-based field like Sericulture, Aquarium fish culture etc will give students the opportunity to make themselves economically sufficient.

Physiological systems and methods available to measure vital physiological parameters and to comprehend the mechanism behind occurrence of different life-threatening disease via laboratory examination, assessment of basic physiological functions by interpreting physiological charts will help to find their career options.

Students undertaking wild life management courses would gain expertise in identifying key factors of wild life management and be aware about different techniques of estimating, remote sensing and Global positioning of wild life. This course will motivate students to pursue a career in the field of wildlife conservation and management.

Basically, students enrolled in B.Sc. degree program in Zoology will study and acquire complete knowledge of disciplinary as well as allied biological sciences. After completion of their graduation, they should possess expertise which will provide them competitive advantage in pursuing higher studies from India or abroad; and seek jobs in academia, research or industries.