

Department of Zoology (POs,PSOs and COs)

Course Introduction

The subject of Zoology is one of the most fundamental programmes of basic sciences studied at undergraduate level. The program helps to develop scientific tempers and attitudes in students. After studying this program, students will be more equipped to learn and know about different biological systems, their coordination and control as well as evolution, behaviour and biological roles of the animals in the ecosystem which is very essential to preserve and conserve endangered species in each ecosystem. Moreover, they are also going to be able qualitatively and quantitatively analyse evolutionary parameters using various bioinformatics and computational tools used in modern sciences. This will provide them ample opportunities to explore different career avenues. The program will also provide a platform for classical genetics to understand distribution or inheritance of different traits and diseases among populations and ethnicity. After the completion of this course, students have the option to go for higher studies, i.e., M. Sc. in Zoology and can also prepare for different competitive posts like Forest Ranger, Sericulture invigilator, horticulture and Agriculture and also professional job-oriented courses, such as Indian Civil Services, Indian Forest Service, and Indian Police Service etc.

Programme objectives (POs)

PO1 : It will be enhance the basic knowledge about the different system of an organism and the clinical study of biomolecules.

PO2: It will help students to pursue the initial fundamentals required for the future projects and higher studies.

PO3: It will be inculcate the evolutionary basis of various animals and their development. It will also address the present situation of animal diversity.

PO4: It will help the students to identify the concepts about various applied sciences and medical laboratory techniques related to concerned area.

PO5: It will help to develop the knowledge on taxonomy of insect. Also, the conservation of wild animals to enhance the economy gained by the zoological content present in the environment.

PO6: All the above POs will be lead to a mind that can develop modern technologies to address the problems and to give the solution to it.

Programme Specific out comes (PSOs)

B.Sc. 1 year certificate course in clinical Diagnostics & Biochemistry

- This will helps students to generate employment in the field of clinical & medical lab/institutions/gene bank/stem cell culture/ Pharma companies etc.

B.Sc.2 year Diploma in Molecular Science &Clinical Microbiology

- This will help the students to develop the scientific ability in the field of toxicological, Histological, Microbiological, Molecular labs, various Zoological Parks, National Parks, Wild sanctuaries.

B.Sc.3 year Bachelor of Science in Zoology

- This will helps students to develop the basis of Animal diversity and its development, which can generate various academic/Research job and various other jobs in the field of In-vitro labs, case study of endocrinology in medical labs etc.


Year 4 Bachelor (Research) In Zoology

- It will help students to purse career in various health related departments and medical laboratories. It is beneficial for students as they can work in different Chromo-centre as per demands for Biological clock management to travel across continents (both Public and private sector).

Year 5 Master in Faculty (zoology)

- It will help students to improvise the Agro-Pest relationship, forensic, Entomology & its implication it help to conserve the environment& Ecology. Also at the same time student will be equipped to explore jobs in Zoological Research i.e. CTB, CSB, ZSI, WII etc.

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