

DEPARTMENT OF ZOOLOGY  
GOVT.P.G.COLLEGE NEW TEHRI,2023-24

## Learning Outcomes of Zoology

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Learning outcomes describe the measurable skills, abilities, knowledge or values that students should be able to demonstrate as a result of completing a course. They are student-centred rather than teacher-centred, in that they describe what the students will do, not what the instructor will teach.

Scientific training in the diversity, organismal biology, ecology, and evolution of animals. The major code provides a solid foundation in the biological sciences. While electives allow students to cater coursework to meet specific interest in animal Biology.

. The student will be able to understand, classify and identify the diversity of animals.

. The student will understand the importance of classification of animals and classify them effectively using the six levels of classification.

. Students gain knowledge and skills in the fundamentals of animal sciences, understands the complex interactions among various living organisms.

. Analyse complex interactions among the various animals of different phyla, their distribution and their relationship with the environment.

. Working in zoology is an appealing career choice for those with an interest in animals and wildlife.

.The programme in Zoology aims to equip students with recent advances in Zoology from organismic to reductionist biology.

. It also aims to empower students to understand the challenges of society and the country that falls into the realms of Zoology , such as Aquaculture ,Reproductive health , Behaviour and Biological time keeping ,Cancer Biology , Microbiome and their roles in health and diseases , Bioremediation of pollutants and pesticides.

. It also offers students to a series of elective courses so that they can choose to specialize in the specific area of their interests in Zoology

. It is expected that a student after successfully completing the Programme would sufficiently be skilled and empowered to solve the problem in the realms of Zoology and its allied areas.



## CAREER OPPORTUNITIES AFTER DEGREE IN BACHELOR OF ZOOLOGY

CIVIL SERVICES

ECOLOGIST

CIVIL SERVICES  
 ENVIRONMENTAL  
 CONSULTANT  
 FIELD TRIALS OFFICER  
 NATURE CONSERVATION  
 OFFICER  
 ZOOLOGIST

PG DIPLOMA IN ADVANCED WILDLIFE MANAGEMENT

PG DIPLOMA IN VETERINARY  
 SCIENCE

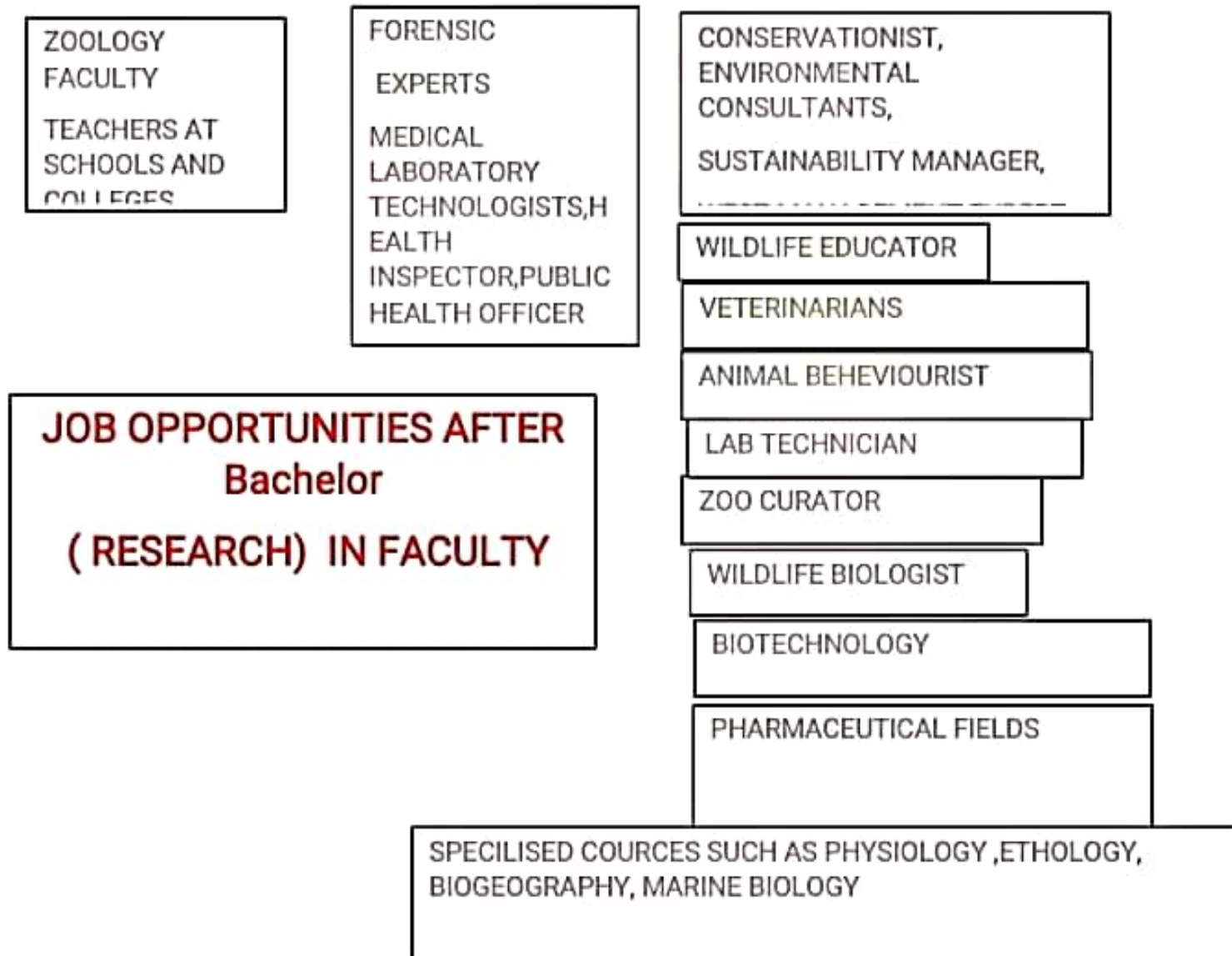
PG DIPLOMA IN ANIMAL WELFARE

PG DIPLOMA IN PRIMATOLOGY AND

PG DIPLOMA IN ENVIRONMENTAL  
 MANAGEMENT

PG DIPLOMA IN WILD LIFE  
 EDUCATOR/ OFFICER

A Bachelor of Science (B.Sc) in zoology is a four year undergraduate programme that focuses on the study of animals ,including their structure ,physiology ,behaviour ,evolution and ecology .Graduates with a B.Sc. in zoology can pursue a variety of career opportunities in different fields . Some of the career opportunities after B.Sc. in



Jobs in Central Govt agencies like Marine Products Export Development Authority (MPEDA), Fisheries Survey of India(FSI),CSIR-NIO ( National Institute of Oceanography,) WHO.

## JOB OPPORTUNITIES AFTER M.Sc. IN ZOOLOGY

Agronomist

Agricultural entomologist

Product manager

Research officer

Farm manager,

Agricultural officer,

Quality assurance,

Top 2 best paying related Entomologist jobs in California

Research Scientist Entomology

Senior Entomologist

Entomologist are also needed in India for sericulture and a variety of other insect related fields. Employment opportunities can be found in environmental organizations, museums, forests, botanical gardens ,Chemical manufacturing enterprises and so on.....