



DEPARTMENT OF ZOOLOGY

School of Life Sciences

Central University of Kashmir, Ganderbal -191201

03/04 Years Undergraduate Programme in Zoology

I. Program Outcomes:

On successful completion of the Undergraduate Programme in Science the students shall be able to:

- Understand the basic concepts, fundamental principles, and the scientific theories related to various scientific phenomena and their relevancies in the day-to-day life.
- Develop critical thinking and acquire life skills to become a better human being.
- Understand the use of analytical methods required for interpreting and analyzing results and drawing conclusions as supported by their data.
- Get better employability in the field of finance, industry, administration, social and extension work, IT sectors, research and many others.
- Develop various communication skills such as reading, listening, speaking, etc., which will be helpful in expressing ideas and views clearly and effectively.
- Qualify for higher education, government services, industry needs and start up units through continuous practice of preparatory examinations.
- Realize that how developments in any science subject helps in the development of other science subjects and vice-versa and how interdisciplinary approach helps in providing better solutions and new ideas for the sustainable development.
- Develop scientific outlook not only with respect to science subjects but also in all aspects related to life.
- Realize that knowledge of subjects in other faculties such as Humanities, Management studies, Journalism, Social sciences etc. can have greatly and effectively influence which inspires in evolving new scientific theories and inventions.
- Imbibe ethical, moral and social values in personal and social life leading to highly cultured and civilized personality.

II. Program Specific Outcomes:

Certificate Course in Zoology	
Year 1	This will help students to generate employment in the field of apiculture, sericulture etc.
Diploma in Zoology with Specialization in Apiculture/Sericulture	
Year 2	This will help students to develop the scientific ability and start entrepreneurship in the field of apiculture, sericulture.
B.Sc. in Zoology	
Year 3	This will help students to develop the basis of Animal diversity and its development, which can generate various academic/Research jobs.
Four Year Bachelors (Hons)	
Year 4	It will help students to pursue career in various fields of Zoology. It is beneficial for students as they can enter directly into doctorate degree.

On successful completion of the Undergraduate Programme in Zoology, the students shall be able:

- **PSO1:** To provide Knowledge of various animals from primitive to highly evolved forms and its complexity.
- **PSO2.** Analyze the relationships among animals, plants and microbes.
- **PSO3:** To foster curiosity in the students for Zoology & understand potential of various branches of Zoology.
- **PSO4:** To equip students with laboratory skills as well as field based studies to become a successful entrepreneur.
- **PSO5:** To highlight biodiversity and its need of conservation.
- **PSO6:** To make aware about ways of conservation and sustainability.
- **PSO7:** To inculcate knowledge and make successful career in Zoology.
- **PSO8:** To inculcate research attitude and aptitude among students.
- **PSO9:** To conduct basic and applied research which has societal and environmental value.
- **PSO10.** To understand the applications of biological sciences in Apiculture, Aquaculture, Sericulture and Agriculture.
- **PSO11.** To contribute the knowledge for Nation building.