

# Department of Zoology

## Brief Introduction about the Department/ Prospects

- ✦ **Zoology**, branch of biology that studies the members of the animal kingdom and animal life in general. It includes both the inquiry into individual animals and their constituent parts, even to the molecular level, and the inquiry into animal populations, entire faunas, and the relationships of animals to each other, to plants, and to the nonliving environment.
- ✦ Zoology department as under graduate department came into existence in the year 2010. Since then, the department is committed to provide students a basic foundation in the biological and related sciences through introductory and specialized courses.
- ✦ Initially UG courses were affiliated with HNB Garhwal University, a central university and now the courses are affiliated with SDSUV, Tehri Garhwal.
- ✦ Presently in all the classes of B.Sc Annual system (SDSUV) is being followed.
- ✦ The department has UG classroom and well equipped laboratory.
- ✦ At present 03 Assistant Professors, Dr. Tribhuvan Khali, Dr. Sangeeta Rawat and Dr. Manisha Saraswat with 02 supporting staff are working in the department.
- ✦ The faculty members of the department have published research papers, book and chapters in a book and actively participate in administrative works.
- ✦ Faculty members continuously participate in different seminars, workshops.
- ✦ Department is regularly organizing various scientific activities like seminars, workshops, debates, quizzes etc.
- ✦ Yearly field excursion/ study tour are conducted to get familiarized with the basic concepts and techniques of plant collection and allow students to interact with what they are learning.
- ✦ Alumni of the department are well placed at various respectable positions all in different services like Banking, Defense, and Teaching etc.

## Infrastructural facilities

- ✦ The major equipments available in the department for research activities are Autoclave, ultra cool centrifuge, LCD Projector, Oven, Microscopes, Xerox machines, Printer, Research Microscopes etc.

## Vision

- ✦ To bring about an awareness regarding nature and biodiversity and help to solve different problems to establish sound and peaceful environment and life for community and society.
- ✦ To empower students with innovative life skills and social value for global competency.
- ✦ The department is committed to function as the Centre of Excellence in higher education and application-oriented basic research.
- ✦ To understand the animal diversity, development, and functioning in order to conserve and coexist with nature.

## Future Perspectives

- ✦ To expose students to the field of life sciences through projects on aquaculture, poultry farming, Beekeeping, bio-pesticides, biological control. It will help to create awareness on environment friendly techniques.
- ✦ To create environment awareness through field visits.

- ✦ We strictly observe the teaching schedule, timely conduct of examination, preparing teaching plans and its implementation.
- ✦ To motivate students to conduct seminars, workshops on topics included in the curriculum. It will help in achieving academic excellence.

### B.Sc. Zoology :Program Outcomes (POs)

#### Upon completion of the graduate program the students will be able to:

- PO-1:** acquire the practical application of basic and conceptualized knowledge of plant sciences.
- PO-2:** develop the ability to perform efficiently the various laboratory and field techniques they can apply for scientific reasoning and problem-solving.
- PO-3:** develop better communication skills by means of seminar presentations that will help to develop confidence for self-education and ability to engage in life-long learning.
- PO-4:** pursue various academic and professional courses and will be ready for entry-level jobs in any area of biology.
- PO-5:** facilitate students to take-up successful career in Lifescience, actively participate and succeed in various competitive examinations.

- **Faculty name and Designation**

Name of Faculty	Designation
Dr. Tribhuvan Khali	Assistant Professor
Dr. Sangeeta Rawat	Assistant Professor
Dr. Manisha Saraswat	Assistant Professor

- **Students Enrolled in UG, PG Semester/ Year**

Class	Seats Sanctioned	Student Enrolled	Total Students
B.Sc. I	60	50	145
B.Sc. II	60	45	
B.Sc. III	60	50	

- **Toppers of last three years in UG and PG**

BATCH	Toppers	Percentage
2016-19	Pragati /Shilpa	A+ credits 36)
2017-20	Nidhi Solanki	A
2018-21	Nikita Aswal	91.25

- **Seminar/ Workshops /Lectures:** Organized : Nil; Attended:

- **Any other achievement**

- **Publications: Dr. Sangeeta Rawat: 6 Research Articles**
  - **Dr. Tribhuvan Chandra: 15**
- **Books: Dr. Sangeeta Rawat: 1**
- **Edited book Chapters: Dr Tribhuvan Chandra: 8**

### UG Syllabus link

- <https://www.sdsuv.ac.in/Doc/Annual-Zoology-Syllabus-1-2020-21.pdf>