



"Hands-on-training" (One Week) on Animal Taxonomy

Certificate Course

Organised by

Uttarakhand Science Education
and Research Centre

Department of Information and Science
Technology, Govt. of Uttarakhand

Jointly with



Zoological Survey of India

Northern Regional Centre, Dehradun

Date: 19 to 23 Feb. 2024

Venue: ZSI Dehradun

218, Kaulagarh Rd, Garhi Cantt,
Dehradun, Phone: 0135 275 4939

Background

Course deals with the theory and practice of describing, naming and classifying living things which is essential for the fundamental understanding of the importance of animal taxonomy particularly with reference to biodiversity and its conservation.



Highlights

The primary goal of this Hands-on-Training is to enhance the expertise of people in the field of animal taxonomy and inculcate the knowledge of classical as well as modern tools of taxonomy. This training will help participants acquire the necessary skills required in the field of animal taxonomy and will also train them in using combination of techniques to study any taxa in detail.

USERC

Uttarakhand Science Education and Research Centre (USERC) was setup in 2005 by the Department of Science and Technology, Government of Uttarakhand as an autonomous organization. It was created with the mandate to bolster scientific temperament in Uttarakhand. To this end, it has been making intensive, across-the-board efforts to support education and promote career prospects in the realms of Science and Technology. USERC is dedicated to motivating and developing academicians and students through its involvement in teaching and training students for research in science and technology, including computing.

ZSI

Northern Regional Centre, Dehradun

The Zoological Survey of India (ZSI), founded on 1 July, 1916 by Government of India Ministry of Environment, Forest and Climate Change, as premier Indian organisation in zoological research and studies to promote the survey, exploration and research of the fauna in the country. The Northern Regional Centre at Dehradun, Uttarakhand was established in 01 August, 1960 under the second five year plan of the Government of India. It is one among the sixteen regional Centres of the Zoological Survey of India (ZSI), the internationally acclaimed taxonomic organization of the country. The Centre is engaged in the documentation of the rich and diverse faunal resources of the North Western region, by conducting field exploration and scientific

Course Contents:

1. Animal Taxonomy and Systematics
 - Morphological, anatomical and taxonomic knowledge to identify and describe animals
2. Principles and Procedures in Animal Taxonomy
3. Faunal Diversity/Families
4. Animal Biochemistry/Molecular Taxonomy/DNA Barcoding
5. Hands on Training
 - Animal Collection in the Field/Laboratory
 - Identification and Labelling
 - Preservation of Animals
 - DNA Molecular Systematic
 - Tools for recognizing and describing new organisms
6. Field trip exercises in a wetland ecosystem

Eligibility

- The training is intended for B.Sc. (from Life Science) and M.Sc. (Zoology) level students primarily from Colleges, Universities, Private Academic institutions with in Uttarakhand

Registration

- The Participants can apply for the programme by submitting their application through the given google link along with completely filled and forwarded form in prescribed format downloaded from USERC Website
- The last date for submitting the Participation request on prescribed format is **14/02/2024, 3:00 pm**
- The seats in the programme are limited



Certificate Course Fee

Certificate Course is Free of Cost

Contact

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Website : www.userc.in

Youtube : [USERC Dehradun](https://www.youtube.com/user/USERCDehradun)

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