



NATIONAL WORKSHOP
cum
FACULTY DEVELOPMENT PROGRAMME

Techniques for wildlife monitoring in the Himalayas

(March 04-08, 2024)
at Baderwah, J&K

AIMS

to provide hands on experience and training in use of modern scientific methods, techniques and tools required for biodiversity assessment and monitoring in the Himalayas



ORGANIZERS

Institute of Mountain Environment, Baderwah Campus, University of Jammu
in collaboration with
Malaviya Mission Teacher Training Centre, University of Jammu, Jammu

OBJECTIVES

- designing the study, research questions, scope, and hypothesis,
- devising the sampling strategies, identifying sampling sites, evolving field methodologies and sampling protocols, sampling efforts,
- exploring different techniques (active, passive and remotely aided) for wildlife population assessment and monitoring,
- understanding animal tracking using radio telemetry (VHF, GPS, and satellite tracking),
- integrating multiple data sources in species distribution modeling,
- discussing citizen science-based initiatives for wildlife monitoring and management.

THEMATIC AREAS

- field sampling, data collection, collation, and analysis,
- recent advancements in observational methods and wildlife monitoring techniques, their principles, and operations,
- species coverage: detection of mammals, birds, herpetofauna, and insects,
- understanding, observing, and interpreting signs (tracks, trails, scat, dens, etc.),
- population metrics: feasibility for counting detections; encounter rate, occupancy, density, and reproducibility of data,
- visual and auditory techniques, linear and non-linear transects and block surveys,
- hands on geo-spatial techniques; camera trapping, image analysis, animal activity period and temporal overlap.

HIGHLIGHTS

- Technical sessions,
- Hands on equipment, statistical analysis and modeling,
- Select participant talks,
- Exhibition of field gear, equipment & gadgets,
- Field visits, birding tours.

TARGET PARTICIPANTS

Faculty, teaching / doing research in higher education, Scientists & Researchers working in Zoology, Wildlife Ecology, Biodiversity, Animal Sciences, Environmental Sciences and allied.

Intake : FORTY
35 Faculty / Scientists & 05 Research Scholars.

REGISTRATION

Interested people can apply through the form using the link <https://forms.gle/3pHuVshTR3Yi7T5g6> or QR code below
There is no registration fee. Food and logistics will be provided by the organizers. Travel arrangements to be made by own

VENUE

Institute of Mountain Environment, Bhaderwah Campus, Bhaderwah - 182222, Doda, J & K
(An offsite campus of University of Jammu located in Bhaderwah, a popular tourist destination)

ORGANIZING COMMITTEE

Patron : Prof. Umesh Rai (Vice Chancellor, University of Jammu)

Chairperson : Prof. J P Singh Joorel (Rector, Bhaderwah Campus, University of Jammu)

Director : Prof. Sundeep Pandita (Director, MMTTC, University of Jammu)

Co-ordinator: Sh. Ranjeet Kalra (Deputy Director, MMTTC, University of Jammu)

Organizing Secretary : Dr. Neeraj Sharma (Incharge, IME)

Co-organizing Secretaries : Dr. Chhering Tandup, Dr. Shayan Javeed (IME, Bhaderwah Campus)

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Registration closes on
February 20, 2024