

Cuurriculum Vitae - Jeevan Kumar Gurung

Department of Biology and Environmental Science

Damak Multiple Campus, Jhapa, Nepal

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Objective

- Dedicated conservation biologist with expertise in freshwater biodiversity, ecological fieldwork, and species monitoring, seeking to advance collaborative research in aquatic ecosystem conservation and indigenous knowledge.

Education

- PhD scholar, Department of Zoology, Raiganj University, West Bengal, India
Thesis: *Studies on physico-chemical characteristics, macroinvertebrates and diversity of ichthyofauna of the River Kankai in eastern Nepal.*
- M.Sc. in Zoology (specialization in Ecology), Tribhuvan University, Nepal
Thesis: *Ethnozoological study of Dhimal people of Damak, Jhapa, Nepal.*

Research Interests

- Freshwater ecology
- Biodiversity and conservation
- Climate change and aquatic ecosystems
- Ecological data analysis
- Ethnozoology

Research Experience

- Conducted field surveys in Himalayan river systems
- Identified 100 incthyofauna and 21 macroinvertebrate species and assessed their ecological significance
- Ethnozoology of Dhimal people from Damak, Jhapa
- Applied multivariate statistical analyses (PCA, CCA, NMDS, cluster analysis etc.)
- Supervised B.Sc. students on thesis research

Publication

- Key Publications available at the following ResearchGate link
https://www.researchgate.net/profile/Jeevan-Gurung?ev=hdr_xprf

Presentation, Authorship, and Conference Participations

- Oral presentation on 6th Regional Science & Technology Congress, 2023–24
Organized by: Government College of Engineering & Textile Technology, Berhampore
Title: *A Checklist Of Fishes From Kankai River, Eastern Nepal*
- Oral presentation on National Conference on Integrating Biological Resources for Prosperity
Held at: Biratnagar, Nepal (February 6–7, 2020)
Title: *Traditional Uses of Animals as Medicine Practiced by Dhimal Tribe at Damak, Jhapa District, Nepal*
- Oral presentation on Two Day International Conference on Sustainable Management for Better Future: Recent Advancement and Prospects
Organized by: East Calcutta Girls' College
Title: *New Records to the Fish Fauna of Nepal*
- Oral presentation on DST-SERB Sponsored National Conference on Zoology for Ecosystem and Human Health
Held at: Department of Zoology, University of Kalyani (April 22–23, 2024)
Paper Title: *A Study on the Correlation in the River Kankai, Nepal*
- Oral presentation on International Seminar on Current Advancements in Modern Biology
Held at: University of Gour Banga (October 25, 2024)
Title: *A study on physico-chemical characteristics and pollution levels of the River Kankai in eastern Nepal*
- Oral presentation on 3rd Zoological Seminar on Exploring the Faunal Diversity
Organized by: Nepal Zoological Society, Koshi Province
Title: *Study on Macro-invertebrates and Fish Diversity with Reference to Water Parameters of River Kankai in Eastern Nepal*
- Co-author of Amphibians of Kangchenjunga-Singalilla Complex, Nepal (A Field Guide for Identification, Species Documentation and Conservation Action)
- Participation on Three Day Orientation Programme
Organized by: Institute of Science and Technology (IOST), Tribhuvan University
Course: First Year of Four Year B.Sc. course in Environmental Science
- Participation on Comprehensive Hands-On Training on Basic Molecular Biology, 2081
Organized by: Microbial Ecology Network Nepal
Held at: Kathmandu, Nepal (25–26 July 2081 B.S.)

Teaching Experience

- Assistant Professor
Course: Zoology and Ecology
- Research Travel to different parts of Nepal and India

Skills

- Field Methods: Sampling protocols for ichthyofauna, freshwater invertebrates, water quality assessment
- Data Analysis: Excell, Rstudio, Originlab, ArcGIS, PAST
- Music composition (Solo music album: Samarpan)

- Languages: English Nepali and Hindi

Professional Memberships

- President of Biological Research and Conservation Centre (BRCC), Nepal
- General member of Nepal Zoological Society
- Vice-President of Sangitkar Sangha, Koshi Province, Nepal

References

- Prof. Dr. Damodar Chhetri Thapa, Tribhuvan University, Email: *thp.damodar7@gmail.com*
- Prof. Dr. Kaluram Rai, Tribhuvan University, Email: *khambukr@hotmail.com*