

Dr. Shubham Deep

ASSISTANT PROFESSOR

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WORK EXPERIENCE

Department of Higher Education, Govt. of Himachal Pradesh

Assistant Professor (Geology)

08 Feb 2018 – Present

- Teaching experience: 8+ years

EDUCATION

Department of Geology, Panjab University, Chandigarh

Ph.D. in Vertebrate Palaeontology, 2025

Department of Geology, Panjab University, Chandigarh

B.Sc. in Geology (Honors), 2014

Masters in Geology (Honors), 2016

GMSSS Sector-37B, Chandigarh

10+2 (non-Medical), 2011

PROFESSIONAL DEVELOPMENT COURSES

Teaching Learning Centre, Ramanujan College, University of Delhi

- 4-week Induction/Orientation Program for Faculty of Higher Education (online)
(20 Dec 2021 – 19 Jan 2022)

Teaching Learning Centre, Ramanujan College, University of Delhi

- 2-week Interdisciplinary Refresher course on “*Advanced Research Methodology*”
(online)
(22 April 2023 – 06 May 2023)

S.C.V.B.G. Palampur (H.P.), India in Collaboration with Mindanao State University-Sulu, Jolo, Philippines

- 7-days international hybrid workshop on the topic “*Role of Communication Skills in Career Development*”
March (19-25), 2024

Don Bosco Institute of Technology (DBIT), New Delhi

- One-Week Faculty Development Programme on “*Enabling Teachers with AI Tools & Innovative Approaches for Effective Teaching-Learning*”
January (08-12), 2026

Seminars/Conferences/Workshops

- Attended and presented poster online titled “*A comparative study of Histology of Siwalik Fossil Turtle Shells for Taxonomic Identification and Palaeoecological Reconstruction*” at 6th International Symposium on Palaeohistology organized by Deccan College, Pune, Maharashtra, India and also served as rapporteur.
- Co-authored PICO presentation titled “*A Comparative Analysis of Vertebral Morphology of Middle to Late Miocene Squamates from the Siwaliks of India: Paleoenvironmental Implications*” in the EGU General Assembly 2025, 27 Apr-02 May 2025, in Vienna, Austria.
- Participated in an International Workshop on “*The Growth and Collapse of Orogens and the Exhumation of Deep-Seated Rocks in the Himalayas*”, organized under the Global Initiative for Academic Networks (GIAN), Panjab University, Chandigarh (24-28 November 2025).

- Participated and presented a paper titled “*From Fossils to Livelihood: A Geoheritage-Based Strategy for Inclusive Rural Development in Siwalik Hills*” at a Two-Day National Seminar on “*Multi-Faceted Approaches to Driving Inclusive Rural Development*”, sponsored by ICSSR (North-Western Regional Centre, Panjab University, Chandigarh), organized by Department of Economics, Govt. College Una (H.P.), March 19–20, 2026.

RESEARCH PUBLICATIONS

Singh, Ningthoujam Premjit, Shubham Deep, Andrej Čerňanský, Ramesh Kumar Sehgal, Abhishek Pratap Singh, Navin Kumar, Piyush Uniyal, Saroj Kumar, Kewal Krishan, and Rajeev Patnaik. "Fossil lizards and snakes (*Diapsida, Squamata*) from the Late Miocene hominid locality of Haritalyangar, India." *Geobios* 75 (2022): 41-51. **Impact factor (IF): 2.115**

Research Interests

Vertebrate evolution and palaeoecology, the geological context of reptile evolution, the impact of climatic change on evolution, and turtle bone histology.