



भारतीय प्रौद्योगिकी संस्थान रुड़की
Indian Institute of Technology Roorkee

Department of Earth Sciences
Indian Institute of Technology Roorkee
Roorkee-247 667, Uttarakhand, India

Advt. No: IITR/ESD/PDF/26-27/74D

Date: 18 September, 2026

ADVERTISEMENT FOR POST-DOCTORAL FELLOWSHIP (PDF) POSITION

The Department of Earth Sciences at the Indian Institute of Technology Roorkee invites applications from outstanding and enthusiastic researchers for postdoctoral position under the mentorship of **Prof. Biplab Bhattacharya** on the project ***"Reconstructing early oxygenation history and paleoclimate preceding the Precambrian-Cambrian boundary: constraints from siliciclastic-carbonate rocks of the Kurnool Group, Cuddapah Basin"***.

Minimum Essential Qualification:

- Ph.D. in Geology/Applied Geology/Earth Sciences, with research specialization in Sedimentology.
- The applicant must have published at least 2 research papers as first author in renowned peer-reviewed journals (SCI-indexed) from his/her PhD research.

*Candidates who have recently submitted their thesis are also eligible to apply, subject to the condition that they should furnish proof of the award of a PhD degree at the time of interview if shortlisted.

Desirable Qualification and Experience:

Proven research experience in clastic/carbonate sedimentology and sequence stratigraphy, with experience of geological fieldwork in deformed sedimentary terrains (preferably in the Cuddapah Basin).

Duration of Fellowship: The duration of the fellowship will be of **02 (two) years**.

Fellowship amount: A consolidated fellowship of Rs. 80,000/- per month (+HRA as applicable) for 02 years and a contingency of Rs. 50,000/- per annum will be awarded to the postdoctoral fellow.

How to Apply:

Candidates (Only Indian Nationals) should clearly mention the Advt. No. and date, along with the title of the position applying for, and send a covering letter, detailed curriculum vitae, and list of publications, all compiled into a single PDF file, and submitted by e-mail to: **biplab.bhattacharya@es.iitr.ac.in**

Last date for the submission of application is 12th October, 2026 (Monday).
Applications received after this date will not be considered.

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Notes:

- The Postdoctoral fellow (PDF) will be registered as IIT Roorkee student for availing the facilities of Hospital, Computer Center, Library, Sports etc.
- They will be entitled to 2.5 days of leave per completed calendar month. No carry forward for leave will be allowed beyond a calendar year.
- PDF positions are purely temporary.
- Only the screened candidates will be called for an Interaction/Interview.
- Candidates who have obtained their PhD degree from IIT Roorkee are not eligible to apply.
- Candidate is expected to join the Department as soon as the offer letter is released.
- The fellowship may be terminated by either side by giving one month's notice.

About the Department:

The geological studies in IIT Roorkee date back to the middle of the nineteenth century when Colonel Sir Proby Cautley (who was responsible for establishing the Thomason Engineering College) was elected as a Fellow of the Royal Society, London. for his pioneering work on the vertebrate fossils of the Shivalik Ranges. Later Henry Benedict Medlicot, who was also admitted as the Fellow of the Royal Society in 1877, occupied the Chair in (Geology and Experimental Sciences at Thomason College. The Department of Earth Sciences, formerly the Department of Geology and Geophysics, was established in 1960. During the span of six decades, the department has become one of the foremost centres of research, post graduate training and consultancy in the field of Earth Sciences. The Department has been the recipient of financial aid under the prestigious Special Assistance and COSIST programmes of UGC (Ministry of Human Resources and development, Govt. of India).

(For details, please visit: <https://iitr.ac.in/Departments/Earth%20Sciences%20Department/>)

About the Institute:

IIT Roorkee has its roots in the Roorkee college, which was set up in 1847, It was renamed as the Thomason College of Civil Engineering in 1854. The college laid the foundation of modern engineering education and the use of Civil Engineering practices in the infrastructure development of the country. The irrigation infrastructure in the form of dams and canals, roads and highways, railways, bridges, etc. in the country, all have been the outcome of the engineering education imparted in this, the only engineering institute in the country, at that [N]int of time. It got elevated as the first technical University of the country in 1948 through the University of Roorkee Act, 1947 passed by the United Provinces Legislature. University of Roorkee also became the first institute in the country to offer postgraduate programs engineering and technology in 1955. On September 21, 2001, the University was converted into an IIT by GoI through an Act of Parliament and recognized as an Institute of National importance. Roorkee is the entry point of Uttarakhand state. It is on the way to Haridwar from Delhi.

(For details, please visit: <https://www.iitr.ac.in/>)

Biplab Bhattacharya
18/09/2026

Biplab Bhattacharya

डॉ० बिप्लब भट्टाचार्य/Dr. Biplab Bhattacharya
प्राध्यापक / Professor

भू-विज्ञान विभाग/Department of Earth Sciences
भारतीय प्रौद्योगिकी संस्थान रुड़की/I.I.T. Roorkee
रुड़की/Roorkee-247667

Sandeep Singh

Head

18 Sep. 2026

Department of Earth Sciences

I.I.T. Roorkee

विभागाध्यक्ष / H.O.D.

भू-विज्ञान विभाग/Department of Earth Sciences
भारतीय प्रौद्योगिकी संस्थान रुड़की
Indian Institute of Technology Roorkee
रुड़की/Roorkee-247 667