

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE  
DEPARTMENT OF HYDROLOGY**

Dated: 06 Dec 2022

**ADVERTISEMENT TO FILL UP PROJECT POSITIONS\***

Applications are invited from Indian nationals only for project position(s) as per the details given below for the research project(s) under the Principal investigator (Name: Prof. Ashutosh Sharma), Department of Hydrology, Indian Institute of Technology, Roorkee.

1. Title of project : Regional Cooperation for Freshwater Ecosystem Services in Himalayas (REFRESH): Understanding the Influences of Monsoon Variability and Compound Extremes
2. Sponsor of the project : Asia Pacific Network (APN)
3. Project position(s) and number : Junior Research Fellow (JRF) - 2 No.
4. Qualifications :
  - Master's degree (M. Tech/M.E.) in Civil Engineering/Agricultural Engineering/ Hydrology/ Environmental Engineering/Water Resources.
  - The candidate must be GATE/NET qualified in relevant discipline.
5. Emoluments : Rs. 31,000/- per month + HRA (as per IITR Rule)
6. Duration : Up to Oct 10, 2025 *(initially for one year)*
7. Job description :
  - The candidate will be required to carry out hydrological data analysis, hydrological modeling, identification, quantification, and valuation of freshwater ecosystem services in Himalayan Catchments.
  - The work will also involve field visits and stays in the Himalayan region to collect data.
  - Proficiency in programming in any language (Python, MATLAB, R)
  - Good writing and communication skills

1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
2. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email ([ashutosh.sharma@hy.iitr.ac.in](mailto:ashutosh.sharma@hy.iitr.ac.in)), by post or produce at the time of Interview:
  - Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained along with the percentage of marks starting from High School onwards.
  - Experience including research, industrial field and others.
  - Attested copies of degree/certificate and experience certificate.
3. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
4. Preference will be given to SC/ST candidates on equal qualifications and experience.
5. Please note that no TA/DA is admissible for attending the interview.

**Note:** The selected candidate may get an opportunity for PhD admission.

The last date for application to be submitted to office of Principal Investigator (by e-mail) is 31<sup>st</sup> December 2022 by 5 PM.

The interview will preferably be held online. Shortlisted candidates will be informed through email of the interview date and time.

Tel: (+91) 1332 284896 (O), (+91) 78968 80487 (M)  
Email: [ashutosh.sharma@hy.iitr.ac.in](mailto:ashutosh.sharma@hy.iitr.ac.in)

**APPROVED**  
*Ashutosh Sharma*  
डीन (SRIC)/(Dean SRIC) Ashutosh Sharma  
भा. प्रौ. सं. रुड़की/IIT Roorkee (Principal Investigator)

\*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.

*SP*  
07-12-22  
*Rojeev*  
7-12-22