

SRIC/06

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

Dated: 08th Sept. 2026

ADVERTISEMENT TO FILL UP PROJECT POSITIONS

Applications are invited from Indian nationals only for project position as per the details given below for the research project under the Principal Investigator **Prof. Ashutosh Sharma**, Dept. of Hydrology, Indian Institute of Technology, Roorkee.

1. **Title of project:** Glaciers and Glacier Melt Runoff Changes and Their Linkage to the Hydro-Climatic and Topographic Context in the Upper Ganga Basin (UGB) (SP-86) with Special Focus on Six Headstreams of the Ganga and Their Associated Glaciers
2. **Sponsor of the project:** NMC-2820-HYD/25-26
3. **Project position(s) and number:** Research Associate – I (RA-I) – 1 No.
4. **Qualifications:** Ph.D. degree and Masters (M.Tech. or M.E.) degree in Hydrology/Water Resources Engineering/Civil Engineering (with thesis focused on Hydrology) with Engineering background at UG level. The candidate should have published at least three journal papers as first author in Q1 journals on relevant papers.
5. **Emoluments:** Rs. 58,000/- per month + H.R.A. (as applicable)
6. **Duration:** up to the completion of the project (25 Feb 2030).
7. **Job description:** The project focuses on complex interactions between glacier melt, topography, and hydro-climatic variables across the six primary headstreams of the Ganga. This role involves analyzing glaciological changes and runoff patterns to better understand the hydrological future of the Upper Ganga Basin:
 - **Knowledge & Technical Skills:** Candidates should possess a strong background in glaciology, hydrology, or remote sensing, with proficiency in using GIS software and programming languages (such as Python or R) for spatial analysis and hydrological modeling.
 - **Writing & Communication:** The role requires exceptional technical writing skills to draft high-quality research papers, progress reports, and policy briefs, ensuring complex scientific data is communicated clearly to both academic and stakeholder audiences.

Application Process

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 and produce at the time of Interview:
 - Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
 - 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 isby 5 PM. (not applicable for walk-in interview)

The interview will be held at 04:00 PM on 23rd Sept. 2026 at Committee Room, Department of Hydrology.

APPROVED

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Ashutosh Sharma
Principal Investigator

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

Dean

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