

**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
(DEPARTMENT OF HYDROLOGY)**

Dated: Sep 3rd, 2025

ADVERTISEMENT TO FILL PROJECT POSITIONS*

Applications are invited from Indian nationals for project position(s) as per the details given below for the research project(s) under the Principal Investigator (Name: Prof. D S Arya, Professor (HAG), Department of Hydrology)

1. Title of project: CO-INVENT: Cooperative project between India and Norway on studying cryo-climatology of the glaciated Himalayan region.
2. Sponsor of the project: University Grants Commission (UGC)
3. Project positions and Number: Junior Research Fellow (JRF) - 01 No.
4. Qualifications: M.Tech in Geomatics/Remote Sensing and GIS/Hydrology/ Geotechnical Engg or MSc in Geology with 2 year experience. Preference shall be given to those having a B.Tech in Civil Engineering. The applicant must have a qualified GATE Exam.
5. Desirable: Previous work experience in doing hydrological modelling, geospatial analysis, and SAR data analysis will be given preference. Basic knowledge about the cryosphere/glaciology will also be considered suitable.
6. Duration: Three years or till the end of the project (whichever is earlier)
7. Monthly Emoluments: Rs 37,000/- plus HRA (To be fixed as per the suitability and experience of the candidate)
8. Job Description/ Broad fields of work: The project will focus on Glaciology, cryosphere studies, snowmelt runoff modelling, and geospatial analysis.
9. Candidates, before appearing for the interview, shall ensure that they are eligible for the position.
10. Candidates desiring to apply for the position should submit their applications with the following documents through email as a **SINGLE PDF FILE** only.
 - Application on plain paper with specific mention of the post, along with a ***detailed*** CV including chronological discipline of degree/certificates obtained (***with marks***), with mobile number and email ID.
 - All experiences, including research, industrial, and others, without break.
 - Self-attested copies of degree/certificate and experience certificate.
11. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
12. Preference will be given to SC/ST candidates on equal qualifications and experience.
13. No TA/DA is admissible for attending the interview.
14. The successful candidate should be willing to undertake field work in the cryosphere/Himalayan region for field visits and data collection.
15. All candidates have to apply afresh and the last date for application submission through email only is Sep 22, 2025, by 5 PM.
16. The shortlisted candidates will be informed through email about the Interview.

Selected candidates may get an opportunity for admission to the PhD Program upon satisfactory performance.

APPROVED

DS Arya
(Prof. D S Arya)
Principal Investigator

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Copy to: Dean, SRIC, IIT Roorkee

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DS Arya
(Prof. D S Arya)
Principal Investigator

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