

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
Water Resources Development and Management Department

Dated: 15 December 2025

ADVERTISEMENT TO FILL UP PROJECT POSITION

Applications are invited from Indian nationals only for a project position as per the details given below for the Indo-Dutch research project under the Principal Investigator (Name: **Dr. Idhaya Chandhiran .I**), Department of Water Resources Engineering, IIT Roorkee and Co-PI **Dr. Kasiviswanathan KS**, Department of WRD&M, IIT Roorkee. The selected research scholar will work under the supervision of Co-PI **Dr. Kasiviswanathan KS**, Department of WRD&M, IIT Roorkee.


1. **Title of project:** Restructuring and Enhancing Strategies with a Transformative AppRoach for InTegrated Water Disaster Management in India and the Netherlands—RESTARTIN
2. **Sponsor of the project:** Department of Science and Technology, Govt. of India
3. **Project position(s) and number:** Junior Research Fellow (JRF): 01 (one position)
4. **Qualifications:**
 - B.Tech in any stream and M.Tech or M.S. in Water Resources Engineering/Agriculture Engineering Remote Sensing & GIS/Geomatics/Geospatial/Geoinformatics/ stream with CGPA above 6.5 (on 10.0 scale) or percentage greater than 65% aggregate irrespective of category.
 - **The candidate must have qualified GATE exam.**
5. **Emoluments:** Rs. 37000/- per month + HRA (as applicable).
6. **Duration:** up to the project completion (December 2027)
7. **Job description:** The project aims to develop modelling framework for integratedly assessing the floods and droughts. A good knowledge in hydrological modelling (SWAT, VIC), process understanding of underline physics, experience on ML models. This is a collaborative project with several institutes in India and Netherlands. The candidate, therefore, will coordinate with other researchers to share the research outcomes time to time. The candidate also needs to travel for data collection from the field and different stake holders. Overall, it will be a great learning experience across multiple different asepts including data processing, modelling, socio-economic asepts, understanding the field level complecations.

Interview Process

1. Candidates before appearing for the interview ensure that they are eligible for the position they intend to apply.
2. **A walk-in interview (in Person Only) will be held from 11:30 AM to 01:00 PM on 2nd January 2026 in the Committee Room, WRDM department.**
3. Candidate should bring their original degree(s)/certificate(s), and experience certificate(s) and submit a copy of the same during the interview.
4. No TA/DA will be provided.


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

Approved


Dr. Idhaya Chandhiran .I
Name and signature
of Principal Investigator

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