

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE

(Name of Dept./Centre)

CIVIL ENGINEERING

Dated: 24 Nov-2025

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 consultancy/research project(s) under the Principal investigator (Name: Dr. Hemant Kumar...), Dept./Centre Civil Engineering..... Indian Institute of Technology, Roorkee.

- | | |
|-----------------------------------|--|
| 1. Title of project | Characterizing the Role of Groundwater in Buffering the Food-Energy-Water Nexus against Interannual Climatic Shocks through Hydroeconomic Modelling |
| 2. Sponsor of the project | ANRF, New Delhi |
| 3. Project position(s) and number | Junior Research Fellow (1 No.) |
| 4. Qualifications | * Bachelor's degree in Civil Engineering and Master's degree in research areas relevant to the hydraulics engineering group (HEG) of the department. OR
* Bachelor's degree in any branch of engineering with a Master's degree in relevant research areas of the HEG, having mathematics at the Bachelor's level. OR
* Bachelor's/Master's degree in any branch of engineering but having 4 years of work experience in the research areas relevant to the HEG. |
| 5. Emoluments | 37,000 + HRA (first and second year), 42,000 + HRA (third year) |
| 6. Duration | Upto 03rd June 2028 |
| 7. Job description | * The candidate will be involved in the above-titled project that demands an in-depth understanding of the groundwater (GW) hydrology, well hydraulics, irrigated agriculture, crop growth modeling, subsequent big data analysis and model development.
* The candidate will be required to extensively travel to different states to establish field sites and then frequently visit the sites to collect data on GW pumping and other related data.
* The candidate may register for PhD at the Department of Civil Engineering, IIT Roorkee. |

WITH QUALIFIED
GATE SCORECARD

- Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
- Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email, by post or 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.
- Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
- Preference will be given to SC/ST candidates on equal qualifications and experience.
- 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 is 15 December, 2025 by 5 PM.
(not applicable for walk in interview)

The details of the online/offline interview will be shared with the shortlisted candidates by 19 December, 2025.

The interview will be held at on at (to be given only for walk in interview)

Tel: 01332-285377

Fax: —

Dr. Hemant Kumar
Name and signature
of Principal Investigator

hemantkumar
24/11/25

Email: hemant@ce.iitr.ac.in

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

APPROVED

Dean

Sponsored Research & Industrial Consultancy
Indian Institute of Technology Roorkee
Roorkee-247 667 (INDIA)

SPR
24/11/25

25/11/25