

**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
INTERNATIONAL CENTRE OF EXCELLENCE FOR DAMS**

Revised

Dated: 04.11.2024

ADVERTISEMENT TO FILL UP PROJECT POSITIONS

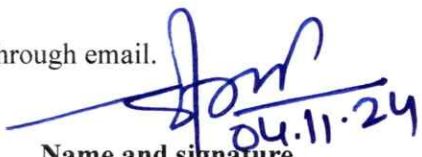
Applications are invited from Indian nationals only for project position(s) as per the details given below for the consultancy/research project(s) under the **Principal Investigator** (Name: **Dr. D. S. Arya**), **Joint Faculty, ICED, Professor, Department of Hydrology**, Indian Institute of Technology, Roorkee.

1. **Title of project:** Development of a Flood Forecasting System for Tapovan Vishnugad Hydro Power Project (TVHPP) (ICD-6003/24-25)
 2. **Sponsor of the project:** NHPC Limited.
 3. **Project position and no.:** Project Assistant (Technical) / Project Associate/ Research Associate/ Project Fellow/ Post Doctoral Fellow (4 nos.)
 4. **Qualifications:** Annexure I.
 5. **Emoluments:** Project Assistant (Technical): 21,000 to 45,000 +HRA
Project Associate: 25,000 to 60,000 +HRA
Research Associate: 30,000 to 75,000+HRA
Project Fellow: 40,000 to 100,000 +HRA
Post Doctoral Fellow: 55,000 to 100,000 + HRA
 6. **Duration:** Six months or till the end of the project
 7. **Job description:** Broad Fields of work: Hydrological Modelling, Flood estimation and forecasting, Use of HEC and MIKE family software
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 the Principal Investigator through email, by post or produce at the time of the Interview:
 - Application in plain paper with a detailed CV including chronological discipline of degree/certificates obtained in a single pdf file. **The percentage of marks should be given from High school onwards.**
 - Experience includes 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.
 6. GATE-qualified candidates may be given a chance to register for a PhD.


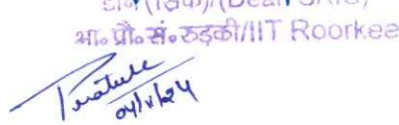
The last date for receiving the applications through email is the **15th and 30th of every month till the positions are filled**. Please send your applications to nkgoel@hy.iitr.ac.in with a copy to dsarya@hy.iitr.ac.in and head@iced.iitr.ac.in.

The date of the Interview shall be intimated to the shortlisted candidates only through email.

Tel: +919412393851 (N. K. Goel) Co-PI or
+919412072400 (D. S. Arya) PI


Name and signature
of Principal Investigator
(Dr D. S. Arya)

Email: dsarya@hy.iitr.ac.in; nkgoel@hy.iitr.ac.in, goelhy@gmail.com; head@iced.iitr.ac.in


टीक (सिक) (Dear SRIC)
आ. प्रौ. सं. रुड़की/IIT Roorkee

04/11/24

Annexure I

Project Assistant (Technical): Diploma in Civil Engineering (3 years) duration with marks more than 60 %.

Project Associate: B. Tech in Civil/Agricultural Engineering/B. Arch. with an excellent academic record throughout (i.e., the average percentage of high school, intermediate, and B. Tech. should be more than 80%).

Research Associate: M. Tech. in Hydrology/ Agricultural Engineering/ Water Resources/ B. Tech in Civil/ Agricultural Engineering, with at least one of the degrees from CFTI like IITs and NITs; consistently excellent academic background throughout (i.e. average percentage of High school, Intermediate and B. Tech., M. Tech./ M Arch. should be more than 80%).

OR

M Arch or M Planning or equivalent with bachelor's degree with at least one of the degrees from CFTI like IITs and NITs; consistently excellent academic background throughout (i.e. average percentage of High school, Intermediate and B. Tech., M. Tech./ M Arch. should be more than 80%).

Project Fellow: Ph. D. in Hydrology/Water Resources, M. Tech in Hydrology/ Water Resources and B. Tech in Civil/ Agricultural Engineering, with at least one of the degrees from CFTI like IITs and NITs; consistently excellent academic background throughout (i.e. average percentage of High school, Intermediate and B. Tech., M. Tech. should be more than 80%).

Post Doctoral Fellow: Ph. D. in Hydrology/Water Resources, M. Tech in Hydrology/ Water Resources and B. Tech in Civil/ Agricultural Engineering, with at least one of the degrees from CFTI like IITs and NITs; consistently excellent academic background throughout (i.e. average percentage of High school, Intermediate and B. Tech., M. Tech. should be more than 80%) and at least two papers in Q1 journals.

Experience: Good communication skills, good knowledge of GIS and remote sensing, flood estimation and forecasting, HEC software like HEC-HMS, HEC-RAS, MIKE software, Dam Engineering, Dam break Modelling and EAP preparation, Climate Change, Hydrological safety evaluation of dams, etc.

Note:

1. The above conditions may be relaxed in exceptional cases.
2. Preference will be given to GATE-qualified candidates.



04.11.24

(D. S. Arya)

