

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
DEPARTMENT OF HYDRO AND RENEWABLE ENERGY

ADVERTISEMENT TO FILLUP PROJECT POSITION

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 Dr Arun Kumar, Principal investigator, Department of Hydro and Renewable Energy, Indian Institute of Technology, Roorkee.

1. Title of project: Centre of Excellence – Research and development of Ultra Low Head (ULH) and Hydrokinetic Turbines and performance prediction of small hydro turbine model/projects
2. Sponsor of the project: Ministry of New & Renewable Energy (R&D Division)
3. Project position(s) and number:
(i) Project Fellow / Research Associate – 3 nos.
4. Qualifications and Experience:
Project Fellow Ph.D. in Mechanical/Mechatronics/Civil/ Tribology/ Hydropower Engineering having CFD/design based work / testing in hydro turbine / Pump OR related areas
OR
M Tech in Mechanical//Mechatronics/ Civil/ Tribology/Hydropower Engineering with 3 years' experience in CFD/design / testing of hydro turbine/pump OR related areas
OR
B Tech in Mechanical//Mechatronics/ Civil/ Tribology/Hydropower Engineering with 6 years' experience in CFD/design / testing of hydro turbine/pump OR related areas

Research Associate M Tech in Mechanical//Mechatronics/ Civil/ Tribology/Hydropower Engineering in CFD/design / testing of hydro turbine/pump OR related areas

Research Associate M. Tech in Civil/Agriculture/ Water Resources or in related area, preferably having experience in hydro kinetic potential assessment in rivers and canals including visits to possible sites
5. Emoluments: Project Fellow: Rs. 40,000/- to Rs. 1,00,000/- + HRA per month
Research Associate: Rs. 30,000/- to Rs. 75,000/- + HRA per month
6. Duration: 1 year or up to project completion date
7. Job description: Preliminary assessment based on the secondary data available from government sites and reports, visits to potential sites and coordination and compilation with agencies having the details of canals, rivers.

Conditions:

- i. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
- ii. 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.
- iii. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
- iv. Preference will be given to SC/ST candidates on equal qualifications and experience.
- v. Please note that no TA/DA is admissible for attending the interview.

The last date for application to be submitted to office of Principal Investigator is Nov 24, 2025 by 5 PM.

Email: arun.kumar@hre.iitr.ac.in

APPROVED

ARUN KUMAR
Principal Investigator

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

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भा. प्रौ. सं. रुड़की/IIT Roorkee

12/11/25

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