

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) Research Associate (For conducting model test and prototype testing for Ultra low head turbine) - 1 no.
 - (ii) Research Associate (For assessment of potential of ultra-low head sites) – 1 no.
 - (iii) Research Associate (For conducting model test and prototype testing of hydro kinetic turbine) – 1 no.
 - (iv) Research Associate (For assessment of potential for hydro kinetic turbines) – 1 no.
4. Qualifications and Experience:
 - For 3.(i) M. Tech in Civil/Electrical/Mechanical/Hydropower Engineering plus one-year experience in turbine / pump or similar equipment testing in the laboratory and field and coordination
 - For 3.(ii) M. Tech in Civil/Agriculture/Water Resources or in related area, preferably having experience on existing water structures like outfall structure of water and waste water treatment plants, canals.
 - For 3.(iii) M. Tech in Civil/Electrical/Mechanical/Hydropower Engineering plus one-year experience in kinetic turbine model and prototype testing in the laboratory and field and coordination
 - For 3.(iv) 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: Rs. 30,000/- to Rs. 75,000/- + HRA per month
6. Duration: 1 year or up to project completion date (project completion period three years)
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 Feb 01, 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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