

SRIC/06

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Department of Civil Engineering)

Dated: 17/09/2024

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. R. Vinnarasi), Dept. of Civil Engineering, Indian Institute of Technology, Roorkee.

1. **Title of project:** Hindon Roots Sensing (HiROS): River Rejuvenation through Scalable Water and Solute Balance Modeling and Informed Farmers' Actions
2. **Sponsor of the project:** DST, New Delhi
3. **Project position(s) and number:** Field Assistant - 01
Qualifications: A three-year Diploma in Civil/Agricultural/Mechanical Engineering or other relevant disciplines or B. Sc in Agricultural/Environmental Engineering or relevant disciplines or B.A.
4. **Emoluments:** Rs. 21000 /- per month (consolidated).
5. **Duration:** for 2 months
6. **Job description:** This project involves hydrological data monitoring and collection and water and soil sample collection across the Hindon River Basin with the help of various field instruments. 1. Stream discharge: While the automatic data logger will measure the daily river stage. periodic (weekly/hi-weekly) stream velocity measurement is required to validate the estimated discharge 2. Bi-weekly measurement of groundwater levels at various locations 3. Bi-weekly surface and groundwater sample collection for water quality analysis, and 4. Seasonal (before and after cultivation) soil sample collection for identifying carbon, Nitrogen, Phosphorus, and other chemicals. constituents, 5. Perform any other task assigned by PI.

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 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.
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.

A walk-in interview will be held **at the Department of Civil Engineering on September 25, 2024 at 04:00pm.**

(Note: Please Candidates Reports at 03:30pm in Department Office.)

Tel: 01332-284951

Email: vinnarasi@ce.iitr.ac.in

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

APPROVED

Abhay Kumar
19/9/24
डीन (सिक)/(Dean SRIC)
भा. प्रौ. सं. रुड़की/IIT Roorkee

(R. VINNARASI)

Name and signature
of Principal Investigator
Dr. R. Vinnarasi
Assistant Professor
Department of Civil Engineering
Indian Institute of Technology Roorkee
Roorkee - 247 667, Uttarakhand

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