

SRIC/00

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Department of Water Resources Development and Management)

Dated: February 19, 2024

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Applications are invited only from Indian nationals for the project position as per the details given below. The Principal investigator of this project is Prof. Kasiviswanathan KS, Department of Water Resources Development and Management, Indian Institute of Technology, Roorkee.

1. **Title of project:** DEVELOPMENT OF ADAPTIVE MACHINE LEARNING BASED APPROACH FOR ROBUST CALIBRATION OF HYDROLOGICAL MODELS (Project No. STR-2210-WRC)
2. **Sponsor of the project:** STARS-2
3. **Project position(s) and number:** RA-II – 01
4. **Qualifications:** PhD in Water Resources Engineering/Agriculture Engineering/ Remote sensing & GIS
5. **Emoluments:** Rs. 61,000 per month + HRA (for three years)
6. **Duration:** 3 years
7. **Job description:** The overall goal of the project is to develop modelling framework for calibrating process based hydrological models. A good knowledge in hydrological modelling, process understanding, coding skills are required. Knowledge on applying ML models is advantageous. This is a collaborative project with IISc Bangalore. Therefore, the candidate will get exposure working with different institute.

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 or by post:
 - Application in a plain paper with a 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. The 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.

Note: The selected candidate may get an opportunity for a Ph.D. admission.

The last date for application to be submitted to the office of Principal Investigator is March 4, 2024, by 5 PM.

K. S. Kasiviswanathan
19/02/2024
(Dr. Kasiviswanathan K S)

**Name and signature
of Principal Investigator**

Tel: 01332-284914 Fax: 01332-271073

Email: k.kasiviswanathan@wr.iitr.ac.in

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

Approved
Abhaya Ran
डीन (सिक)/(Dean SRIC) 21/2/24
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