

RECRUITMENT FOR IMPRINT - 2, SERB FUNDED RESEARCH PROJECT

Applications are invited from the citizens of India for filling up the following temporary position for the sponsored project sanctioned by SERB, under the IMPRINT-2 scheme. The requisite qualification and experience etc are given below.

Project Title: "Water and Energy Efficient Reliable Irrigation System (WatEr-ERIS): Solar energy and Cloud-based decision support systems for automated irrigation system".

Position: Project Associate

Salary: INR 15,000 per month (no HRA or any other allowance)

Qualification: B Tech Civil Engineering / Agriculture Engineering, M Tech Water Resources Engineering with strong basic knowledge in Hydrological modelling and Water Resources Engineering.

Number of Posts: One

Duration: The initial appointment will be for a period of six month and can be extended up to three years subject to the performance of the candidate and availability of funding.

Broad Area of the project: Developing hydrological models for the soil moisture estimation. Knowledge on working on satellite data products, Matlab, Python programming language and GIS is highly preferred.

Tasks:

- Calibration of physics-based model parameters for the soil moisture estimation
- Developing methodology for data limited situation such as use of public domain resources available
- Optimally setting up various sensors in the field
- Participate in teaching and guiding the students
- Project planning, components procurements, managing, executing and documentation
- Involves national level travel

Investigators: Dr Kasiviswanathan K S, Dr Subhamoy Sen and Dr Tummuru Narsa Reddy, IIT Mandi, Himachal Pradesh and Dr B Soundharajan, Amrita Vishwa Vidyapeetham, Coimbatore, India

How to apply: Interested and eligible candidate needs to email her/his CV along with any relevant additional information to kasiviswanathan@iitmandi.ac.in. The subject line of the email should be 'Application for the post of Project Associate – IMPRINT2'. Last date of applying through email: February 15, 2019.

Note:

- The investigators have the discretion to restrict the number of candidates to be called for interview on the basis of qualifications and experience.
- Original certificate must be shown at the time of the interview.
- Upon prior request from candidate, skype interview may be allowed.
- No TA/DA will be paid to the applicant
- The nature of the post is purely temporary (on contract basis).
- The candidate might have to go for a short visit to Amrita Vishwa Vidyapeetham, Coimbatore for conducting field experiments.
- If the candidate has valid GATE score, this project supports pursuing MS by Research degree at IIT Mandi as per the institute guidelines subject to availability.
- This project will be good for those who wants to acquire knowledge on field study and numerical computer simulation together.