

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 Engineer (JRF)

Salary: INR 25,000 per month (no HRA or any other allowance)

Qualification: M Tech in Electronics/Electrical Engineering with strong basic knowledge in embedded systems, power electronics, VLSI, stochastic systems. Candidates who have real time hardware exposure on setting up of sensor nodes, IoT platforms, development of project related algorithms, power electronic converters, PV systems will be preferred. Knowledge in system level monitoring, cloud computing will be an added advantage.

Number of Posts: One

Duration: The initial appointment will be for a period of Six months 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 algorithms and hardware for data assimilation, interpretation and cloud computing.

Tasks:

- Working in PV systems, electronic converters, battery management and IoT devices.
- Optimally setting up various sensors in the field
- Participate in guiding the project 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/ subhamoy@iitmandi.ac.in/ narasaiitmandi@gmail.com. The subject line of the email should be 'Application for the post of Junior Research Fellow'. 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 satisfies IIT Mandi criteria for applying PhD, this project supports that 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.