

## Advertisement for the Post of Senior Project Engineer at IIT Mandi

**Date: 8 August 2018**

Applications are invited for opening as **Senior Project Engineer** position **starting on Aug. 8, 2018** at IIT Mandi, Himachal Pradesh.

**Project Title:** FarmerZone (*Proj. No. IITM/DBT-Indo-UK/SS/192*)

**Project coordinators:** Dr. Srikant Srinivasan (PI) and Dr. Siddhartha Sarma (Co-PI), School of Computing and Electrical Engineering, IIT Mandi

**Salary:** Based on experience/qualifications: **INR 35,000 – 60,000 per month**

**Duration:** Maximum Two Years, (The appointment will be made initially for a period of **One Year starting immediately** after interview results are out, extension for one more year is possible, based on the performance.)

**Essential Qualification:** PhD in Computer Science, Electrical, Electronics, or related engineering fields. Candidates with 5 years of experience and M.Tech degree in any of the above mentioned areas are also eligible.

**Desirable Qualification:** For candidates with PhD degree, 1-2 years of working experience in academic and research institute/ industry/laboratory preferable.

For candidates with M.Tech. degree and 5 years of experience, publication in SCI indexed journals is desirable.

### **Required Skills:**

- Good background in networking including wireless sensor networks; microcontroller programming
- Hands-on / project experience with any of the following: Raspberry Pi, Sensor interfacing, Arduino IDE, IoT development, Computer networking
- Good programming skills in Python, C/ C++, Linux shell scripting
- Strong desire and willingness to learn new skills on the job, as required

### **Main Responsibilities:**

- Developing communication protocols for interoperability of IoT hardware
- Developing and deploying IoT modules using skills mentioned above
- Develop user-friendly software tools and interfaces
- Detailed regular documentation of the project and administrative tasks

**Procedure for Application:** Interested and eligible candidates must e-mail a CV and statement of purpose to [siddhartha@iitmandi.ac.in](mailto:siddhartha@iitmandi.ac.in) with cc to [srikant@iitmandi.ac.in](mailto:srikant@iitmandi.ac.in) with subject of email: **Senior Project Engineer Application under FarmerZone project**

**Application Deadline: Sunday, 2 September 2018**

**Terms and Conditions:**

- Shortlisted candidates will be asked to attend a walk-in interview. Shortlisting may include a telephone/video conference interview to determine if candidate is suitable for interview in person.
- The project coordinators have the discretion to restrict the number of candidates to be called for interview to a reasonable limit, on the basis of qualifications and experience, higher than the minimum prescribed in the announcement.
- The nature of the positions is purely temporary (on contract basis).
- Original documents need to be shown at the time of interview.
- No TA/DA will be paid for any applicant.