

**Advertisement for the Post of Project Associate at IIT
Mandi**

Date: October 27, 2017

Applications are invited for a Project Associate position under the project: “Development and Evaluation of Low-Cost Landslide Early Warning Solutions”. The Project Associate will be involved in building developing a low – cost Internet of Things (IoT) framework (using Arduino and MEMS – based technology) for sensing landslides in the Mandi district of Himachal Pradesh. The system will deploy certain sensors on hills and monitor land movement due to soil and environmental factors. **We are looking for motivated B.E./B.Tech. candidates from CSE/ECE/EE/IT background with an aptitude for programming and general problem solving. The last date for the application is November 07th, 2017.** Applications beyond this date may be considered until all the project positions are filled.

Project Incharge (PI) : Dr. Varun Dutt
Co-PIs : Dr. Venkata Uday Kala

Salary: Rs. 12000 - 13000 per month

How to apply:

Interested and eligible candidates may apply with an updated bio-data (in PDF format) mentioning personal details (including Skype ID) and academic qualifications with the file name “DRDO_first name_last name” and email to the ID varun@iitmandi.ac.in (subject line should be “Application for the Post of Project Associate in DRDO funded project”) on or before November 7th, 2017.

Essential Qualification: B.Tech. / B.E.
(CSE/ECE/EE/IT)

Desirables:

- Good programming skills (C/C++, PHP, MySQL, Python)
- Good command over English language and technical writing in English (for presenting and publishing papers)

Main Responsibilities:

- Algorithm development and evaluation
- Machine Learning from collected data
- Front-end design of applications
- Interfacing with industry partners, as required
- Detailed regular documentation of the project
- Site visitations for equipment deployment and monitoring

Attractive Features:

- Project associate can enroll for courses at IIT Mandi
- Course(s) done during the project tenure may be considered towards course work requirements

for MS, subject to achieving official approval(s), necessary grade, and credits.

- Interested Project Associate may apply for MS program at IIT Mandi in subsequent round of call for admission. The Project Associate may be considered for the MS program provided s/he meets all the requirements of MS short listing and selection process as per the institute norms.

Selection Procedure:

- Shortlisted candidates may have a Telephonic/Skype interview first. The candidate may be asked to write some programs during the interview.
- Interview date will be intimated to the shortlisted candidates.

Terms and Conditions:

- The initial appointment will be for a period of 6 months, and can be extended further, subject to the performance of the candidate and the project requirements.
- The coordinators have the discretion to restrict the number of candidates to be called for interview to a reasonable limit based on qualifications and experience higher than the minimum prescribed in the announcement.
- Original documents need to be shown at the time of joining.
- No TA/DA will be paid for any applicant.
- Should be able to join at the earliest, if selected