

Advertisement for Project Position at IIT Mandi

Date: May 26, 2017

Applications are invited for the post of **Junior Research Fellow (JRF) or project associate** for the following project:

Project Title: Automatic Analysis of Avian Acoustics

(Signal processing and machine learning applied to bird sounds)

Coordinator: Dr. Padmanabhan Rajan (School of Computing and Electrical Engg.)

Email: padman@iitmandi.ac.in

Funding agency: Science and Engineering Research Board, Govt. of India

Salary: Ranging from Rs. 12,000 to Rs. 25,000 per month, based on qualification and experience.

Essential Qualification: B.Tech. / B.E. / M.Tech / M.E. / MCA / M.Sc.

(Computer Science, Electrical, Electronics, or related)

Desirable:

- Good background in signal processing, machine learning
- Hands-on / project experience with Machine Learning / Signal Processing
- Good programming skills (Matlab, Python, C, C++)
- Some experience with Linux, LaTeX
- Good command over English language and technical writing in English

Main Responsibilities:

- Algorithm development and evaluation
- Data collection and annotation / labeling
- Assistance in purchasing laboratory equipment and their maintenance
- Detailed regular documentation of the project
- Building and maintaining the project website

Interested and eligible candidates are called for a walk-in interview at IIT Mandi. Requests for telephonic/video-conference interview may also be considered (please contact the coordinator at the email above.)

Date of walk-in interview: Thursday, 15 June, 2017

Report to: SCEE conference room, near Stable Complex, IIT Mandi

Terms and Conditions:

- The coordinators may conduct a written test to shortlist candidates before the interview. They also 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 posts are purely temporary (on contract basis).
- 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.

- Original documents need to be shown at the time of interview.
- No TA/DA will be paid for any applicant.
- **Deserving Project Associate may be considered for MS program at IIT Mandi if s/he meets all the requirements of MS selection process as per the institute norms.**