

Advertisement for Project Position at IIT Mandi

Date: Nov 26, 2018

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.) Valid GATE/NET or equivalent national level test score for JRF appointment.

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 required to fill the online form:

<https://goo.gl/forms/ImEN6XjITt06h5F3>

Shortlisted candidates will be interviewed for the position.

Last date to fill in the form: 10 December 2018.

Terms and Conditions:

- The coordinator has 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.
- **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.**