



Indian Institute of Science Education and Research Bhopal
Department of Data Science and Engineering
Bhopal By-pass Road, Bhauri, Bhopal 462066

Advertisement for the post of Junior Research Fellow / Project Associate

Date: 15/04/2024

Applications are invited from highly motivated and eligible candidates for the recruitment of one (01) Project based Project Associate **purely on temporary basis** to work full time in the project titled “*Deep Learning Based Approach to Quantify the Emergency Vehicle Accessibility in Urban Areas Using LiDAR and Images*” funded by DST, Government of India.

Qualification:

Essential:

1. Students with M.Tech./M.E./M.S./M.Sc. in Computer Science, Electrical Engineering, or related fields from a recognized Institute/University.
- or**
2. Students with B.Tech./B.E. in Computer Science, Electrical Engineering, or related fields from a recognized Institute/University.

Desirable:

- Candidate has qualified CSIR/ UGC NET or GATE.
- Knowledge of Python programming language.
- Knowledge of Machine Learning, and can run relevant tools like Scikit-Learn, TensorFlow etc.
- Knowledge of android application development.
- Knowledge of game engines.

Job Description:

The project associate will be involved in developing deep learning models for LiDAR point cloud classification, algorithms, and android application for navigation.

Salary:

INR 31 000 + HRA (as applicable) per month (Consolidated pay with no other allowances). (For **Essential1**)
INR 25 000 + HRA (as applicable) per month (Consolidated pay with no other allowances). (For **Essential2**)

Tenure of Appointment:

The appointment will be initially **for one year** from the date of his/her joining the institute, which may be extended later/terminated earlier depending on performance of the candidate.

Age:

Should not exceed 35 years as on 01 January 2024 with usual relaxation for SC/ ST/OBC/ Differently abled and exceptional candidate(s).

Application
Materials

- Cover letter addressed to the Head, Department of Data Science and Engineering, Indian Institute of Science Education and Research Bhopal including the Project Name along with the current resume (signed) of the candidate in English.
- Detailed CV, including address, contact numbers, email address, academic qualifications with percentage of marks obtained in each examination starting from 12th class, date of birth and work experience (if any).
- Photocopies of transcript/final marksheet of all qualifications starting from 12th class in a single PDF file.
- Self attested photocopy of SC/ST/OBC/Differently abled status certificate, if any.

Eligible and interested candidates are requested to apply by sending the application materials to this e-mail: office_dse@iiserb.ac.in (with a compulsory copy to vaibhav@iiserb.ac.in and geoai4cities@gmail.com) **latest by April 30, 2024**. The other criteria for this job requirements will be followed as per the norms of the Institute. Only shortlisted candidates will be called for an interview and no TA/DA will be paid for attending the same. **All communications will be based on email only.**