



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 I**

Date: 18/07/2022

Applications are invited from highly motivated and eligible candidates for the recruitment of one (01) Project based Junior Research Fellow (JRF) or Project Associate I **purely on temporary basis** to work full time in the project titled “*Early Prediction of Signs of Mental Illnesses from Clinical Records and Social Media Using NLP and Machine Learning*” funded by MHRD, Government of India.

**Qualification:** **Essential:** Students with M.Tech./M.E./M.S./M.Sc./M.C.A./B.Tech./B.E./B.S./B.S.-M.S. in Computer Science or related disciplines from a recognized Institute/University with a minimum of 60% marks or CGPA of 7.0 on a 10 point scale (overall percentage/CGPA/CPI; not only in majoring subject).

**Desirable:**

- Candidate has qualified CSIR/ UGC NET or GATE.
- Knowledge of basic mathematics, statistics and programming languages e.g., Python, R etc.
- Knowledge of standard machine learning and NLP techniques for information extraction and can run relevant tools like Scikit-Learn, NLTK, Gensim, Tensorflow etc.

**Job Description:** The JRF will be involved in collecting, processing and analysis of medical records, social media and other relevant text data, run and analyze the state of the arts in machine learning and NLP to develop novel methods for automatic information extraction from these data.

**Salary:**

- INR 25, 000 + HRA (as applicable) per month (Consolidated pay with no other allowances) for the candidate **without** CSIR/ UGC NET or GATE qualification.
- INR 31, 000 + HRA (as applicable) per month (Consolidated pay with no other allowances) for the candidate **with** CSIR/ UGC NET or GATE qualification.

**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 availability of funds and performance of the candidate.

**Age:** Should not exceed 35 years as on September 01, 2022 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 (duly 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 12<sup>th</sup> class, date of birth and work experience, if any.
- Photocopies of transcript/final marksheet of all qualifications starting from 12<sup>th</sup> 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 email address: [tanmay@iiserb.ac.in](mailto:tanmay@iiserb.ac.in) latest by **August 20, 2022**. 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**.