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

<u>Advertisement for the post of Junior Research Fellow / Project Associate</u>

Date: 16/01/2024

Applications are invited from highly motivated and eligible candidates for the recruitment of Project-based Junior Research Fellows (JRF) or Project Associates **purely temporarily** to work full-time in the project titled "*Fair and Trustworthy Computer Vision and Biometric Systems*" funded by MHRD, Government of India.

Qualification:	• Students with M.Tech./M.E./M.S./M.Sc. in Computer Science, Electrical Engineering, or related fields from a recognized Institute/University. • Good knowledge of **Python** programming language. • Good knowledge of *machine learning algorithms* or at least toolboxes like Scikit-Learn, *TensorFlow, Keras, PyTorch*, etc.
Job Description:	The JRF will be involved in developing deep learning and machine learning models for computer vision and biometrics data. It will involve testing their resiliency against vulnerabilities and therefore, developing a robust and fair machine learning system. A candidate who has an interest in general-purpose machine learning including its theoretical aspect can also apply. You are encouraged to visit my webpage [1] to get a general understanding of the kind of research and publication work you are supposed to do as JRF. A successful candidate will end up publishing a couple of good quality papers helpful in the next phase of academic or research life.
Salary:	INR 25,000 - INR 37, 000 + HRA (as applicable) per month (Consolidated pay with no other allowances).
Tenure of Appointment:	The appointment will be initially till Nov. 15, 2024, or **for one year** from the date of his/her joining the institute, which may be <u>extended later</u> depending on the availability of funds and/or <u>terminated earlier</u> based on the performance of the candidates. It might be a good opportunity for a candidate to also apply for a Ph.D. position later if interested in pursuing research.
Age:	Should not exceed 35 years as of 01 December 2023 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. - A detailed CV, including address, contact numbers, email address, and academic qualifications with a percentage of marks obtained in each examination starting from the 12th class, date of birth, and work experience (if any). - Photocopies of transcript/final mark sheet of all qualifications starting from the 12th class in a single PDF file. - Self-attested photocopy of SC/ST/OBC/Differently abled status certificate, if any. - Github link, 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 akagarwal@iiserb.ac.in) **by Jan 31, 2023**. 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.**

[1] https://sites.google.com/iiitd.ac.in/agarwalakshay/home