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 Project Associate-I

Date: 27/06/2025

Applications are invited from highly motivated and eligible candidates for the recruitment of a Project-based Project Associate I (PA-I) **purely temporarily** to work full-time in the project titled "Unmasking Digital Truth: Combating Deepfakes in Audio, Images, and Text for Enhanced Cybersecurity" funded by ANRF, PM ECRG scheme of the Government of India.

Qualification:	● Four years Bachelor's degree in natural sciences/ Master's Degree in Natural Sciences or Bachelor's degree in Engineering or Technology from a recognized university or equivalent. Along with that, qualified with national eligibility tests- CSIR-UGC Net, including Lectureship (Assistant Professorship) or GATE. or A selection process through national-level examinations conducted by Central Government Departments and their Agencies and Institutions. ● Good knowledge of the **Python** programming language. ● Good knowledge of *machine learning algorithms* and toolboxes like Scikit-Learn, *TensorFlow, Keras, PyTorch*, etc. ● Understanding of generative AI is a plus.
Job Description:	The Project Associate I will be involved in developing deep learning and machine learning models for deepfake detection. It will involve the generation of deepfake videos using various generative AI techniques, including foundation models such as VLM and LLM. Later, develop an AI algorithm to counter these deepfake videos/images/text. You are encouraged to visit the research lab webpage [1] to get a general understanding of the kind of research and publication work you are supposed to do as PA-I. 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 37,000 + 20% HRA (as applicable) per month (Consolidated pay with no other allowances).
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 depending on the availability of funds and/or terminated earlier 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 2024 with usual relaxation for SC/ ST/OBC/ Differently abled and exceptional candidate(s).
Application Process:	● Fill out the Google form https://forms.gle/1SLop6gFHBexHd95A. Documents Needed: 1. Cover letter (briefly highlighting your interest in the position and relevant background; not more than one page) 2. Detailed CV (including all necessary details required for the post) with a recent photograph 3. Self-attested copies of all academic credentials (educational certificates and mark sheets, starting from 10 in chronological order) 4. Proof of qualification in GATE/CSIR-UGC NET 5. Proof of work experience (if any) 6. Cast Certificate (if any)

Eligible and interested candidates are requested to apply by submitting the Google form, and all enquiries can be directed to this e-mail: akagarwal@iiserb.ac.in **by July 20, 2025**. The other criteria for this job requirement will be followed as per the norms of the Institute/ANRF. 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://tbvl22.github.io/website/home.html