Research Associate II position under DST-NSF project

Applications are invited for the position of Research Associate II in the Department of Computer Science and Information Systems at BITS Pilani, K. K. Birla Goa Campus, Goa for a DST-NSF sponsored research project titled "GameSignAI: Using AI to help deaf children acquire language skills". This work is a collaborative project with researchers at Georgia Tech, USA (NSF side). The project aims to develop an AI model running on mobile devices to automatically detect Indian Sign Language This model will be used to help deaf children and their parents and guardians learn sign language.

Job Title: Research Associate II

No. of Posts: One (01)

Job Profile:

The candidate will work in a multi-team collaborative project that aims to develop a platform that can be used by various sign languages from across the globe. The candidate will be responsible for guiding JRFs and PhD students with the data collection process, machine learning approaches, and mobile app development. The candidate will be responsible for thought leadership in the form of research papers targeting top conferences and journals. The candidate should have good coding skills and a sharp analytical mind.

Investigators:

Prof. Sougata Sen, Prof. Swaroop Joshi, Prof. Surjya Ghosh, Prof. Sravan Danda

Job Responsibilities:

- Guiding JRF and PhD students about data collection techniques, model development and mobile app development.
- Maintenance of existing mobile applications
- Assisting in the data collection process
- Analysing the data and publishing results in top tier conferences and journals.
- Perform any other office duties as needed and assigned.

Skill sets:

Education qualification: Ph.D. in Computer Science, Electrical or Electronics engineering preferred. Candidate should have a strong publication record.

Technology skills: Experience in mobile app development and basic applied machine learning is expected.

Compensation, Tenure and other details:

Duration: The position will initially be of 6 months of duration. The position can be extended up to 2 years based on the performance of the candidate.

Compensation: The compensation will be up to Rs. 61,000.00 +10% HRA per month based on the candidate's qualification and experience.

Accommodation: Hostel accommodation will be provided subject to availability and will be governed by the rules and regulations of the Institute prevailing at the time of joining of the candidate.

How to Apply:

Interested candidates may upload application and curriculum vitae with details of research experience using the following link: https://forms.gle/6NgEBRrAHTipuu4S8 **by 28/6/2025**. Only shortlisted candidates will be contacted via e-mail for online/Personal interview to be held at BITS Pilani, Goa Campus and no TA/DA will be paid for the Interview.