Recruitment of Junior Research Fellow in the
School of Biomedical Engineering,
Indian Institute of Technology (BHU), Varanasi

Applications are invited from Indian nationals for the following position for the research project funded by LSRB, (Ref. No. LSRB/01/15001/LSRB-401/LS&BD/202) titled "Development of EEG-based biometric system to identify friend and foe in defense application" IIT (BHU) Ref No. R&D/SA/DRDO/BME/23-24/02/477, India for two years. The details are as follows:

Name of the Position: Junior Research Fellow

Number of positions: 01

Last date of application: Applicants should apply by **05/11/2023**

Emoluments (p.m): Rs. 31,000/-+18% HRA per month

Essential: First class in Bachelors/Master's degree in Bio-technology/Bio-medical/Electrical/Electronics/Computer Science/Instrumentation/Mechanical Engineering or allied branches of these disciplines. Candidates with desirable knowledge in Artificial Intelligence and prior executed projects and publications are desirable. The candidate must have a qualified GATE score.

Age: Upper age limit is 28 years (5 years relaxation for Female/SC/ST/Handicap candidates), whereas 3 years in case of OBC (Non-Creamy Layer candidates). Age limit may be further relaxed for well-qualified, experienced and deserving candidates. All other factors being equal, SC/ST candidates will be preferred as per GOI rules.

Desirable qualifications: Proficiency in any coding platforms like Matlab/Rstudio/Python is an additional advantage but not mandatory. Knowledge in signal processing, and machine learning/deep learning algorithms is an additional benefit but not mandatory.
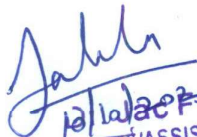
Key capabilities: Excellent written and verbal communication skills and ability to produce high-quality reports. Demonstrated a high level of self-motivation, initiative, and an ability to plan and organize work to meet deadlines and work independently with minimal supervision.

Key responsibilities: Under the leadership of the investigator and within existing restraints, manage the project work. Visit the collaborator's lab in Bengaluru, interact with scientists, and discuss with clinical partners as part of the project.

The candidate will primarily work "EEG signal processing and Artificial Intelligence" under the supervision of Dr. Jac Fredo. Interested candidates can send their applications by **05/11/2023** and scanned copies of certificates and documents in a single .pdf file by email to the principal investigator at **jack.bme@iitbhu.ac.in**

General terms and conditions:

1. Candidates then selected is expected to join immediately
2. The principal investigator has the discretion to restrict the number of candidates to be called for interview to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement.
3. Only short-listed candidates will be communicated to appear in the interview, and no other communications in this regard will be entertained.

Jac Fredo A.R.
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