Recruitment of Project Research Scientist-I (Non-Medical)
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 the Indian Council of Medical Research, titled "Development of an artificial intelligence system to detect early shared neural biomarkers of ASD and ADHD from multi-modal neuroimaging" IIT (BHU) (Ref No. R&D/SA/ICMR/BME/24-25/02/588), for three years. The details are as follows:

Name of the position and Number of positions: Project Research Scientist-I (Non-Medical), and 02 positions

Last date of application: Applicants should apply by **09/08/2024**

Duration of position and Emoluments: Maximum 3 years (remaining 2 years IIT (BHU) will pay for the candidate if he/she registered Ph.D.) and Rs. 56,000/-+18% HRA per month (5% increment in the 3rd year).

Essential: Bachelor's degree with 75% or Master's degree with 60% in Bio-technology/Bio-medical/Electrical/Electronics/Computer Science/Instrumentation/Mechanical Engineering or allied branches of these disciplines. Candidates with desirable knowledge of Artificial Intelligence and prior executed projects and publications are desirable.

Age: The upper age limit is 35 years (5 years relaxation for Female/SC/ST/Handicap candidates), whereas 3 years is the case for OBC (Non-Creamy Layer candidates). The 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 MRI 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 "MRI processing and Artificial Intelligence" under the supervision of Dr. Jac Fredo.

List of documents: Interested candidates can send their applications by **09/08/2024** and scanned copies of the following certificates and documents in a single .pdf file by email to the principal investigator at jack.bme@iitbhu.ac.in with the email subject 'Application for Project Research Scientist-I (Non-Medical) position' and naming the attachment file as 'applicant name and position name'.
1. Short CV of the candidate in two pages
2. Degree certificates with mark sheets
3. Proof of date of birth of the candidate
4. Caste certificate if applicable

General terms and conditions:
1. Candidates then selected are 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 based on 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.

Dr. Jac Fredo A.R.
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