



Walk-in interview for Project Associate-I/JRF in LSRB, DRDO Project

Applications are invited from Indian citizens for a walk-in interview for the post of Project Associate-I/JRF in a Life Sciences Research Board (LSRB), DRDO funded project (IITM/DRDO-LSRB/VD/301) at IIT Mandi.

Title of the Research Project: Human performance enhancement via tDCS in VR and performance forecasting via machine learning methods

Project details: This project intends to investigate the different possibilities through which tDCS can be employed to enhance human performance in cognitive processes like visual search, cognitive control, and dynamic decision-making. This project aims to design context / stimuli- specific simulations in VR to assess the abilities of the participants before and after tDCS intervention over time. Multimodal physiological / neurophysiological parameters like EEG/fNIRS will be invoked to evaluate and validate the performance of the participants.

Minimum qualifications: BTech/MTech/MA/MS/MSc in Human-Computer Interaction/Psychology/Cognitive Science/Biomedical Engineering/Computer Science/Electronics or related areas with a minimum 55% marks.

Desirable: Multidisciplinary interest, publications, statistical analysis, experience in designing Unity3D/Unreal Engine/Blender3D, experience in EEG data acquisition and analysis, and good command over English language and technical writing in English.

Joining date: As soon as possible.

Position: Project Associate-I/JRF

Salary: Maximum up to INR 34,100

Duration: 1-year, and extendable to maximum of 3 years based on performance

Candidates meeting the aforementioned qualification and experience should submit their details and CV online via the following link for the walk-in interview (before 8 pm on 17th January 2021):

<https://forms.gle/aCeZC4yGhfXuEkPN9>

Walk-in interviews would be conducted in an online mode. The date and time of the interview along with the online link will be shared by email with candidates before the interview.

The decision of the selection committee regarding the interview logistics and selection process for the post will be final.

The selection committee reserves the right to fill or not fill the advertised post.

For any additional clarifications/information, please contact Prof. Varun Dutt (PI) at varun@iitmandi.ac.in