



Indian Institute of Technology Indore

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IIT Indore

Date: 12th November 2020

Online Interview for JRF Position under SERB-DST Sponsored Project

Applications are invited from motivated and eligible candidates for the position of **Junior Research Fellow** (JRF) in a Science and Engineering Research Board (SERB), Department of Science and Technology (DST) funded research project entitled “**Heart rate monitoring from non-contact face videos using Deep Learning**”.

Objectives of the Project

Heart rate monitoring provides valuable information about human well-being and thus, required in healthcare, psychology, biometrics and affective computing. It can be performed from the face videos acquired from an inexpensive camera in an affordable, contactless and user-friendly manner. The proposed research will explore the feasibility of deep learning architectures for improving such heart rate monitoring. The performance of the proposed system will be investigated by performing the experiments on publicly available datasets.

Duration: Initial appointment is for one year, which is extendable further based on performance. The appointment is co-terminus with the project. *The Selected candidate may be considered, through a separate process, for admission to the Ph.D. Programme as a regular full-time scholar as per the Institute norms.*

Emolument: The amount of JRF fellowship will be as per DST norms.

Eligibility:

Qualification: (i) Should possess B.E./B.Tech. or equivalent in relevant branches of Engineering/Technology like Computer Science & Engineering (CSE); ii) Preferably, at least 2 years of post- B.E./B.Tech., research/teaching experience as evidence from published papers in standard refereed journals; and (iii) Preferably, M.E./M.Tech. in relevant branches of Engineering/Technology like CSE with GATE Qualification.

Age limit: Maximum 32 years. Upper age limit is relaxable for SC/ST/OBC/Women and physically handicapped candidates as per Government of India norms.

Interested candidates are required to fill up this [Google form](#) latest by **December 8, 2020**. Incomplete applications will be rejected. Link to the Google form: <https://forms.gle/>

In case of any query, kindly mail to deeplearning@iiti.ac.in.

Venue, time and date of online interview: The link for online Google meet will be mailed to the selected candidates only and their interviews will be conducted on **13th December, 2020**. Kindly note that only the shortlisted candidates will be intimated by email for their interview details.