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Advertisement for JRF, SRF, and RA-I positions

Applications are invited from eligible candidates for the positions of Junior Research Fellow (JRF), Senior Research Fellow (SRF), and Research Associate-I (RA-I) in an Indian Council of Medical Research (ICMR) funded research project entitled "Development of an Affordable Wearable IoT-GPS Enabled Intelligent Vital Signs Monitor for Smart Health Monitoring Services".

Objectives of the projects:

The main purpose of the project is to develop a smart IoT-GPS enabled wearable monitor based on multichannel physiological data acquisition. This project work requires knowledge of signal processing, machine learning, data acquisition, internet of things (IoT), embedded system, and programming (MATLAB, and Python etc.). The project will be jointly investigated with Dr. M. Sabarimalai Manikandan (Assistant Professor, School of Electrical Sciences, IIT Bhubaneswar).

Job role and skill requirements:

- Developing Signal Processing and Machine Learning Algorithms
- MATLAB and Python Programming
- Wireless Sensor and Processor Interfacing

Eligibility criteria:

JRF: Graduate/Post Graduate degree in engineering/technology in relevant areas with GATE or CSIR-UGC or NET including lectureship (Assistant Professorship).

SRF: Qualification prescribed for JRF with two years of research experience.

RA-I: Ph.D. degree or having 3 years of research, teaching, and design and development experience after ME/M.Tech. with at least one research paper in Science Citation Indexed (SCI) journal.

Fellowship:

JRF: Rs. 31000 p.m. + HRA (as per norms)

SRF: Rs. 35000 p.m. + HRA (as per norms)

RA-I: Rs. 47000 p.m. + HRA (as per norms)

Appointment duration: 1 year (can be extendable up to two years subject to satisfactory performance).

Number of positions: JRF: 01, SRF: 01, and RA-I: 01.

How to apply: The applicants can send their recent resume (mention email address and contact number), copies of all academic certificates to the following email address: pachori@iiti.ac.in. In the subject line please specify **"Application for JRF/SRF/RA-I position in ICMR project".**

- Shortlisted candidates will be called for interview and will be informed by email only.
- Last date for application is 06th January 2022.

Address for correspondence: Prof. Ram Bilas Pachori, Department of Electrical Engineering, IIT Indore.