# Department of Electrical Engineering
# Indian Institute of Technology Indore
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## Advertisement for RA-I position

Applications are invited from eligible candidates for the position of 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 (Associate Professor, Department of Electrical Engineering, IIT Palakkad).

**Job role and skill requirements:**

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

**Eligibility criteria:**

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:**

Rs. 47000 p.m. + HRA (as per norms)

**Appointment duration:** Approximately 09 months.

**Number of positions**: 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 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 31st March 2023.

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