M S RAMAIAH UNIVERSITY OF APPLIED SCIENCES

RTC, Peenya, Bengaluru – 560058

ANNOUNCEMENT OF VACANCY FOR THE POSITION OF JUNIOR RESEARCH FELLOW (JRF)

Under an AICTE-Funded Research Project (Research Promotion Scheme – RPS)

Applications are invited from dynamic, motivated, and eligible candidates for the temporary position of Junior Research Fellow (JRF) (01) under the All-India Council for Technical Education (AICTE) – Research Promotion Scheme (RPS) funded research project focused on Indigenous Robotics Solutions for Atmanirbhar Bharat.

Sl. No.	Position	No. of Vacancies	Monthly Remuneration
1	**Junior Research Fellow (JRF)**	01	As per AICTE-RPS norms

PROJECT SCOPE & FOCUS AREAS

The project focuses on the design, development, prototyping, testing, and Lab-to-Market deployment of indigenous educational robotics kits based on the open-source RISC-V architecture. The research aims to develop affordable, scalable, and industry-relevant robotics learning platforms for schools, higher education institutions, and skill development centres in alignment with the Atmanirbhar Bharat initiative.

- **Technical Focus Areas:** Embedded Systems, Robotics Hardware, PCB Design, Sensor Integration, Actuator Control, Firmware Development, Educational Robotics, and Prototype Validation.
- **Industry Collaboration:** Product co-development with industry partners with field tests of the developed kits.
- **Growth Opportunities:** Opportunity to register for the Ph.D. programme at Ramaiah University of Applied Sciences (subject to eligibility). Outstanding performers may receive opportunities for internships, collaborative research, and employment with industry partners.

ELIGIBILITY AND QUALIFICATIONS

- **Essential Qualifications:** M.E. / M.Tech. in Robotics, Mechanical Engineering, Electronics & Communication Engineering, Electrical Engineering, Mechatronics, Computer Science, Instrumentation, or related disciplines.
- **Core Competencies:** Strong interest in robotics, embedded systems, microcontrollers, programming, electronics, and product development.
- **Desirable Skills:** Knowledge of Arduino, ESP32, STM32, RISC-V processors, PCB design, ROS/ROS2, or programming in Python/C/C++ will be an added advantage.

PROJECT DETAILS & TERMS

1. Duration: 3 years (purely temporary and co-terminus with the project requirements). The appointment will not bestow any claim for regular appointments in the university.

2. Work Environment: Interdisciplinary research, state-of-the-art laboratories, and active industry interaction.

3. The position and fellowship are subject to applicable AICTE project guidelines and institutional rules.
4. Only short-listed candidates will be contacted and called for an interview.
5. No TA/DA shall be admissible to attend the interview.

HOW TO APPLY

Interested candidates should send their detailed CV, copies of educational certificates, and a brief statement of research interest in a single consolidated PDF file to the Principal Investigator via email.

Application Details & Contact Information:

- **Email ID:** **mallaradhya.me.et@msruas.ac.in**
- **Application Window:** Applications will be considered on a rolling basis until the position is filled.

Principal Investigator – AICTE RPS Project:

Dr. Mallaradhya H. M.
Assistant Professor & Program Head – Robotics
Ramaiah University of Applied Sciences, Peenya, Bengaluru – 560058,
Karnataka, India