Call for the Post of full time Junior Research Fellow (JRF) for the ongoing ISRO RESPOND project

Applications are invited from interested candidates for the Junior Research Fellow (JRF) position for the research project titled **"Design, Development and Implementation of Real/Near real time low SNR Target Detection and Tracking System",** undertaken at Department of Computer Science & Engineering, RV College of Engineering.

Project Details:

- **Sponsoring Agency:** Indian Space Research Organisation (ISRO), Department of Space, Government of India.
- **Tenure:** 24 Months (Initial appointment for one year, extendable based on performance)
- **Principal Investigator:** Dr Shanta Rangaswamy
- **No. of position:** 01
- **JRF Stipend:** Basic of 37000.00 + 27% HRA for year 1 and Basic of 42000.00 + 27% of HRA for the next year.

Eligibility Criteria:

- **Essential Qualifications:**
  - B.E./B.Tech in Electronics and Communication/ Computer Science and Engineering / Information Science / or related disciplines.
  - M.E./M.Tech in relevant specializations with a minimum of 60% aggregate marks (or CGPA of 6.5).
  - **GATE / CSIR-UGC NET/ UGC-NET qualification is preferable**

- **Desirable Qualifications/Experience:**
  - Strong programming skills in Python/C++/MATLAB/Verilog/VHDL.
  - Knowledge and hands-on experience in Signal Processing, Machine Learning, or Computer Vision
  - Experience with tools like MATLAB, TensorFlow/PyTorch, OpenCV, or similar
  - Knowledge and hands on experience with real-time systems or embedded platforms (e.g., KRIA K260 Vision starter Kit, NVIDIA Jetson Nano, Raspberry Pi, Zynq Ultrascale FPGA board etc.)

Job Responsibilities:

- Execute the research project tasks including experimentation, coding, and system integration.
- Document progress, results, and prepare reports, power point presentations, and publications.
- Collaborate with team members and supporting institutions to ensure successful project completion.
- Deal with the vendors to acquire equipment/project requirements and handle the bank procedures for the same.

General Instructions

- Selected candidates may pursue **Ph.D. studies at RVCE** as per institute norms
- **Shortlisted candidates** will be informed via email regarding the interview schedule
- **No TA/DA** will be provided for attending the interview
- The candidate will work under the **supervision of a Professor at RVCE** and in **technical coordination with ISRO Focal team.**

Application Process:

- Interested candidates should submit their application by accessing the below link.

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Click Here To Apply

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Deadline for Application Submission: May 5, 2025, at 5:00 PM.

Interview Venue: Interview Venue: HoD Office, Department of Computer Science & Engineering, RVCE, Bengaluru.

For any other queries contact:

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Professor, RV College of Engineering
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