IIIT Hyderabad Invites Applications for the Position of Junior Research Fellow (JRF) at Signal Processing and Communications Research Centre, IIIT Hyderabad

Advertisement No: IIITH/RnD Recruitments/03/2024

Application Start Date: 01-03-2024 **End Date:** 16-03-2024.

The International Institute of Information Technology Hyderabad is a world-class institution, where the passion for learning, teaching, research, problem solving, and making a difference is celebrated. With emphasis on research, the institute has large research centers with PhD & MS by Research students working on wide ranging topics. The institute offers B. Tech, MS by Research, Dual Degree (B. Tech + MS), M. Tech and PhD programs. IIIT-H provides a flexible environment that facilitates active industry collaborations for conducting research.

Principal Investigator: Dr. Praful Mankar
Webpage: https://www.iiit.ac.in/people/faculty/Prafulmankar/

Co-Principal Investigator: Dr. Santosh Nannuru
Webpage: https://www.iiit.ac.in/people/faculty/santosh.nannuru/

Project title: Enhancing Localization via Reconfigurable Intelligent Surfaces.

Project funding: Science and Engineering Research Board, Govt. of India.

Project Description: This project aims to design new localization methods using reconfigurable intelligent surface aided wireless systems. We will focus on exploiting the near-field RIS aided wireless channel to improve the accuracy of indoor localization. In addition, we will also focus on utilizing passive RISs as anchors for the far-filed localization to handle multi-path and synchronization issues.

Position with Academic qualifications and remuneration:

Title	Manpower Positions	Essential Qualifications & Age Limit	Additional Qualifications	Monthly Emoluments
Junior Research Fellow (JRF)	1	Graduate or Post Graduate Degree in ECE or related degrees. Scholars qualified with National Eligibility Tests (CSIR-UGC-NET) and/or GATE.	Graduates with background in signal processing and communications	Rs.31000

Appointment Duration: 3 years (Initial appointment as JRF for a period of 2 years and Extendable for 1 year as SRF based on Performance)

Emoluments: As per the Manpower norms mentioned in the sanctioned order issued by the funding body.

PhD Enrolment: Based on performance, selected candidate would be offered the chance to enroll in Ph.D. program at IIIT.

To Apply: Interested candidates can email CVs to hiring.projectstaff@iiit.ac.in, with subject line by **ELRIS_JRF name.**

Shortlisted Criteria: Candidates will be shortlisted based on their academic qualifications and experience and will be invited for interviews after March 16, 2024.