IIIT Hyderabad Invites Applications for the Position of Junior Research Fellow (JRF) / Senior Research Fellow (SRF) in a sponsored funded research project at Signal Processing and Communications Research Centre, IIIT Hyderabad

**Advertisement No:** IIITH/RnD Recruitments/02/2024

**Application Open:** 01-03-2024

**End Date:** 16-03-2024

**About Institute:** 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:** Prof. Prasad Krishnan

**Webpage:** https://faculty.iiit.ac.in/~prasad.krishnan/

**Project title:** Information Theoretic Private Information Retrieval: Novel Efficient Constructions and Converses.

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

**Project Description:**

The project aims to develop new Private Information Retrieval Schemes using constructions motivated by Coding Theory. We also aim to study their privacy properties from the information theoretic perspective and discuss applications to other problems closely associated to PIR.

**Position details, eligibility requirements and remuneration:**

<table>
<thead>
<tr>
<th>Title</th>
<th>Manpower Positions</th>
<th>Essential Qualifications &amp; Age Limit</th>
<th>Additional Qualifications</th>
<th>Monthly Emoluments</th>
</tr>
</thead>
</table>
| Junior Research Fellow (JRF)  | 1                  | Post Graduate Degree in Basic Science OR Graduate / Post Graduate Degree in Professional Course selected through a process describing through any one of the following:  
  a. Scholars who are selected through National Eligibility Tests – CSIR-UGC-NET including lectureships (Assistant Professorship) and Gate  
  b. Others as per SERB order | Graduate from B. TECH (ECE/CSE) Background knowledge in Information Theory, Error Correcting Codes | Rs.31000 +24% (HRA) If Applicable |
| Senior Research Fellow (SRF) | 1 | Qualification prescribed for JRF with two years of Research Experience | B. TECH (ECE/CSE), MTech / MS preferred. Background knowledge in at least two of these fields: Information Theory, Error Correcting Codes, Information Theoretic Privacy | Rs.35000 +24% (HRA) If Applicable |

**Appointment Duration:** 1 year (Extendable up to 3 years based on performance)

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

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

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