भारतीय प्रौद्योगिकी संस्थान इंदौर
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Indian Institute of Technology Indore
Khandwa Road, Simrol
Indore 453 552

IIT Indore

Advertisement for the post of JRF in Research Project

Applications are invited from Indian nationals for the position of **Junior Research Fellow (JRF) / Senior Research Fellow (SRF)** in a consortium project on **Quantum Communications**.

Title of the Project: **QKD-based Ultra-Secure and Reliable Optical Networks**.

Principal Investigator (PI-IIT Indore):
Prof. Vimal Bhatia,
Professor
Department of Electrical Engineering,
IIT Indore, Khandwa Road, Simrol,
Indore, Madhya Pradesh- 453552
(vbhatia@iiti.ac.in).
For other details and the project team, please visit the homepage-
https://sites.google.com/view/signalsoftware/sasg

Name of the position: Junior Research Fellow (JRF) / Senior Research Fellow (SRF)

Essential qualifications for JRF:
1. Graduate (BE/BTech/BSc or equivalent) in Electrical Engineering/Electronics and Communication/Instrumentation/Mathematics/Computer Science/Computer Engineering/Physics/Data Science/AI, or M.Tech/ME/MS in Electrical Engineering/Electronics and Communication/Computer Science and Engineering or related areas.
2. Qualified in any of the following National eligibility test/exams is desirable:
   a. GATE
   b. CSIR-UGC NET including lectureship (Assistant Professorship)
   c. National-level examination conducted by Central Govt. Departments and their agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER, etc

Essential qualifications for SRF:
1. Ph.D and / or Master's degree in the revelent branch of Electrical Engineering/Electronics and Communication/Instrumentation/Mathematics/Computer Science/Computer Engineering/Physics/Data Science/AI, or M.Tech/ME/MS in Electrical Engineering/Electronics and Communication/Computer Science and Engineering or related areas preferably with a valid GATE score.

Age limit for JRF / SRF: As per funding agency norms.

Salary JRF /SRF (per month**):** As per funding agency norms.

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Desirable: Experience in communications, resource allocation, quantum technologies, networking, and/or optics.

Duration: The appointment will be given till **25/12/2025** and is extendable based on performance till the project completion.

How to apply: Interested candidates must email their detailed CVs to the PI to reach him by 14/07/2025. Only shortlisted candidates will be called for the interview. The positions are available immediately. Clearly mention in the email title the position being applied for with subject line
For JRF: "**Applicant Quantum Communications: JRF**"
For SRF: "**Applicant Quantum Communications: SRF**".

Due date: The application must reach the PI, (vbhatia@iiti.ac.in), by **14/07/2025**.

Terms & Conditions:

i. No TA/DA will be provided to the candidate for the interview.

ii. The PI shall not be responsible for email delay if any, or any other reason for non-receipt of the document at the specified time and will result in disqualification/rejection of the application.

iii. The decision of the selection committee will be final.

iv. If the number of shortlisted candidates called for the interview is large, the selection committee may decide to restrict the number of candidates for the interview to a reasonable limit after considering qualifications and experience over and above the minimum prescribed in the advertisement.

v. The appointment of the candidate will be governed by the terms and conditions of the Institute/ funding agency particularly applicable to the said project as and when required.

vi. The selected candidate will have to join duty immediately on receipt of the offer.

vii. The fellowship may be terminated with a 30-day notice before completion of the tenure if performance till date is not deemed satisfactory.