



भारतीय प्रौद्योगिकी संस्थान इंदौर

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IIT Indore

Recruitment for Junior/Senior Research Fellow Position

Applications are invited for motivated and eligible candidates for the position of a Junior/**Senior Research Fellow** (JRF/SRF) based on experience in an R&D project entitled “**Design and Implementation of Non-orthogonal Multiple Access Techniques for Future Wireless Systems**” sponsored by the Ministry of Electronics and Information Technology (MeitY), Government of India. The selected candidate will be involved in the performance analysis and development of algorithms for NOMA for beyond 5G communication systems. The aim of the project is to develop algorithms, implementation on hardware resulting in publications and patents and transfer-of-technology to industry. For more information about the group, please visit the following web link: <http://iiti.ac.in/people/~vbhatia/>

Duration: Appointment initially for 3 months. Maybe extended till duration of the project (further 2-3 month)

Emolument: As per funding agency norms.

Eligibility:

Essential Qualification:

1. B.E/B.Tech/M.E./M.Tech. or equivalent in relevant branch of Electronics/Electronics & Instrumentation Engineering/Computer Engineering/Applied Physics/Optics and Related.
OR
2. Graduate in Electrical Engineering/Electronics and Communication/Instrumentation/Photonics or related area. Preferable to have GATE qualification, or CSIR-UGC NET including lectureship (Assistant Professorship), or any 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.

Desirable: Strong background in communications, signal processing, machine learning algorithms, and/or software-defined radio. Proficiency in Matlab, Mathematica and NOMA.

Age: As per MeitY, Government of India norms.

Interested candidates are required to send a detailed CV and contact Dr. Vimal Bhatia, Department of Electrical Engineering, Indian Institute of Technology Indore, via e-mail: vbhatia@iiti.ac.in with the subject line: “**Applicant VB-NOMA-2024-01**”. Please note that your CV should include contact details (address, mobile phone no., email ID), date of birth, and qualifications. Incomplete applications will be rejected. Last Date for submission of applications is **10 March 2024**. *Only shortlisted candidates will be intimated by email for the online interview.*