



Indian Institute of Technology Indore

Khandwa Road, Simrol, 453552.

Office Ph: +917316603516

भारतीय प्रौद्योगिकी संस्थान इन्दौर
सिमरोल, इन्दौर 453 552, भारत

IIT Indore

Advertisement for Recruitment of JRF

Advt. No:2024-BRNS/302/adv2

Date: 19/06/2025

Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a research project as per the following details.

Position	Junior Research Fellow (JRF)
Number of Vacancy	01
Project Title	SmartNICs Based Programmable Network Security Framework for a Server to Achieve High Throughput (BRNS Funded Project)
Department	Computer Science & Engineering
Fellowship duration	2 year, (The selected candidate will be encouraged to register for the Ph.D. program at IIT Indore as per institute norms) If selected for PhD program, the fellowship will be extended for PhD duration as per institute norms.
Job Description	In this project, we aim to exploit Software Defined Networking (SDN) and network programmability to develop a framework to offload the IDS/IPS functionality to the FPGA-based SmartNIC to achieve a throughput of the order of 100Gbps.
Essential Qualification	B.Tech/B.E/M.Tech/M.E. degree in Computer Science and related disciplines. Strong knowledge of computer networks. Knowledge of VHDL/Verilog and GATE qualification in CS is preferable.
Age Limit	30 years
Fellowship	Junior Research Fellowship (JRF): Rs. 37,000/- p.m. Plus HRA as applicable.

Interested candidates are requested to fill the form and submit a detailed softcopy of their CV at link: <https://forms.gle/LvXhPd8CPha6i7D26> by **06/07/2025**. Tentative Date of Interview: **2nd week of July 2025 (Online)**.

Only shortlisted candidates will be called for an interview. Selected candidates will be informed by email. No TA/DA will be paid for appearing in the interview.

Address for Correspondence:

Dr. Aniruddha Singh Kushwaha (Email- aniruddha@iiti.ac.in)
Department of Computer Science & Engineering
IIT Indore