



# Indian Institute of Technology Indore

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भारतीय प्रौद्योगिकी संस्थान इन्दौर  
सिमरोल, इन्दौर 453 552, भारत

IIT Indore

## Advertisement for Recruitment of JRF

Advt. No:2024-BRNS/302/adv1

Date: 17/01/2025

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.	
<b>Position</b>	Junior Research Fellow (JRF)
<b>Number of Vacancy</b>	01
<b>Project Title</b>	SmartNICs Based Programmable Network Security Framework for a Server to Achieve High Throughput (BRNS Funded Project)
<b>Department</b>	Computer Science & Engineering
<b>Fellowship duration</b>	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.
<b>Job Description</b>	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.
<b>Essential Qualification</b>	B.Tech/B.E/M.Tech/M.E. degree in Computer Science and related disciplines. Strong knowledge of computer networks and python programming. Knowledge of VHDL/Verilog and GATE qualification is preferable.
<b>Age Limit</b>	30 years
<b>Fellowship</b>	Junior Research Fellowship (JRF): Rs. 37,000/- p.m. Plus HRA will provided as per institute norms.

Interested candidates are requested to fill the form and submit a detailed softcopy of their CV at link: <https://forms.gle/GTWKRzyQmXJZpANc9> by **05/02/2025**. Tentative Date of Interview: **2<sup>nd</sup> week of Feb 2025 (Online)**.

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

### Address for Correspondence:

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