

## **JRF Position for DST Sponsored SERB-CRG project**

Indian Institute of Technology Gandhinagar (IITGn) invites applications for 1 JRF position in the area of Computer Science and Engineering.

**Project Title:** Decentralized Security Orchestration and Management with Programmable networking and Artificial Intelligence.

### **Description:**

Applications are invited for one Junior Research Fellow (**JRF**) position for a DST sponsored three year SERB-CRG project on Decentralized Security Orchestration and Management with Programmable networking and Artificial Intelligence. The work involves development of a network monitoring platform, algorithms and automation tools using the programmable network devices like SmartNICS and programmable switches.

### **Available Positions:**

#### **Position 1: JRF (1 position)**

##### **Mandatory**

##### **Qualifications:**

1. Master's degree in Computer Science and Engineering or related areas (Information Technology/Electrical/Electronic Engineering, Artificial Intelligence and Data Science)  
Or
2. Bachelor degree in Computer Science and Engineering or related areas (Information Technology/Electrical/Electronic Engineering, Artificial Intelligence and Data Science) with a **valid GATE score**.

##### **Other Desired Qualifications:**

1. Experience in computer networks, operating systems and system programming.
2. Prior experience in C/C++, Java and with basic versioning system knowledge.
3. Hands on experience in Unix/Linux networking tools, network stack and DPDK.
4. Good mathematical background and foundations in ML/AI.
5. Evidence of excellent coding skills and experience of writing research papers.

### **Remuneration:**

**JRF:** Consolidated Rs. 37,000/- per month.

**Duration of Position:** The candidates will be offered a position for 12 months, which will be extended based on the satisfactory performance of the candidate and availability of funds.

### **Application Procedure:**

Complete the online application : [Click here](#)

### **Application Last Date:**

The form will accept application till 28th October 2024

Interviews will be conducted online.

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