



# Indian Institute of Technology Indore

Khandwa Road, Simrol

Indore-453552, India

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Date: October 21, 2022

## Advertisement for JRF Positions in the Department of Computer Science and Engineering

Applications are invited from motivated and eligible candidates for the position of Junior Research Fellow (JRF) in a funded Research Project titled "A fault attack resistant crypto-accelerator for ultra-lightweight encryption protocols of GIFT family in RISC-V architecture".

### **Objectives of the Project**

The objective of the project is to design and implement a RISC-V architecture based crypto-accelerator that exhibits resilience against multiple variants of fault attacks on encryption protocols based on GIFT family of lightweight ciphers.

### **Eligibility:**

***Essential Qualification:*** B.E/B.Tech/M.Tech/M.E in Computer Science and Engineering or equivalent with 60% marks in qualifying exam. Further the candidate should have qualified in the **GATE exam**.

### **Desirable:**

Candidates having knowledge of either Network Security or FPGA programming will be given preference. **Candidates who desire to pursue a doctoral degree would be given preference for this position.**

### **Number of Positions: 1**

**Stipend:** A consolidated salary of INR 35000/- (HRA included)

**Duration:** Initial appointment will be for one year, which is extendable up to 2 years solely based on performance.

### **How to Apply:**

Interested candidates are requested to submit a detailed CV to Dr. Bodhisatwa Mazumdar, Assistant Professor, Department of Computer Science and Engineering, Indian Institute of Technology Indore, via e-mail: [bodhisatwa@iiti.ac.in](mailto:bodhisatwa@iiti.ac.in) with subject line “**Application for JRF Position**” latest by **November 01, 2022**. CV should include details of academic grades starting from X standard onwards with details of year of passing, university or college, etc and also work experience and nature of work if applicable. Candidates should mention their GATE score, details such as Year of Passing, Discipline, marks, All India Rank and number of candidates appeared should be mentioned in the CV. Incomplete applications will be rejected.

#### **For the selection process (written test and interview):**

- (a) Only shortlisted candidates will be called.
- (b) Shortlisted candidates will be informed by e-mail with the details of the interview.
- (c) No TA/DA will be paid for appearing in the interview.
- (d) Documents in support of educational qualifications, B.E/B.Tech/M.E/M.Tech/M.S, and experience certificates must be produced at the time of selection process.

**Preference will be given to candidates willing to pursue Ph.D degree at IIT Indore.**