



भारतीय प्रौद्योगिकी संस्थान इन्दौर
खण्डवा रोड, सिमरोल
इन्दौर ४५२ ०२०, भारत

Indian Institute of Technology Indore
Khandwa Road, Simrol
Indore 453 5 52, India

Office : +91-731-2438709
Fax : +91-731-2438721

IIT Indore

Date: September 12, 2022

Advertisement for a Research Staff position under IITI DRISHTI CPS Foundation funded project

IIT Indore invites applications from motivated, sincere, hardworking and research-oriented candidates for the position of **Research Staff** in the IIT-I DRISHTI funded research project entitled “**Ensuring Data Security in IoT Environments through Machine Learning Techniques**” of **Dr. Abhishek Srivastava** (PI of the project).

Project Details:

The objectives of the project are to analyse, design, and develop adequate means for provision of data security in low power personal area networks that facilitate the existence and workings of IoT environments. The proposed approach involves identification of vulnerabilities specific to the IoT domain and comprehending how these are different from those of the conventional Internet. Subsequently, application of machine learning algorithms to detect security threats as most attacks in such environments happen through nodes camouflaged as legitimate ones. The ultimate aim is to design and develop an Intrusion Detection System (IoT) for such low power personal area networks.

Salary: Consolidated emoluments – INR 20,000 per month

Tenure of the appointment: The appointment is for one year. The appointment is co-terminus with the project.

Essential Qualification: BE/B.Tech/ME/M.Tech in Computer Science and Engineering or a related discipline.

Desirable Qualification: Candidates with experience in the area of cyber-physical systems are encouraged to apply.

Application procedure: Interested candidates are required to fill the Google Form below latest by **September 20, 2022, 2359 hours**. Kindly note that incomplete applications will be rejected.

Link to the Google form: <https://forms.gle/4gHpKMJzAZFtuknx9>

In case you have any queries, kindly send an email to: asrivastava@iiti.ac.in.

Interview: The interview will be conducted online over Google Meet on **September 22, 2022**. Details of the interview with Google Meet link will be communicated to the shortlisted candidates.

Note: The Institute reserves the right to fill or not to fill the post advertised.