



# Birla Institute of Technology & Science, Pilani

## Hyderabad Campus

### CALL FOR INTERN FOR A SERB-DST PROJECT

**Date: 03/08/2023**

Applications are invited from suitable candidates for **Project Intern (Intern)** to work on the following project sponsored by **CORE RESEARCH GRANT SCHEME, SERB-DST**, under the supervision of **Dr. Rajib Ranjan Maiti**, Department of **Computer Science and Information Systems**, BITS-Pilani, Hyderabad campus.

**Title of the project:** Defend Internet of Things-based Cyber Espionage through Analysis of Encrypted or Unencrypted Network Traffic using Machine Learning (CRG/2020/005855)

**Duration of the project:** 08 months

**Project position and number:** Project Intern (Intern) (1 positions)

**Duration of the project Intern:** 05 months

**Start Date:** ASAP after selection.

**Fellowship/Salary amount:** Rs. 5000/-

**Eligibility requirements:** **BE/BTech in 4<sup>th</sup> Year or completed** (preferably in CS/IT)

**Subject knowledge:** Strong knowledge in at least two of the following areas: a) Strong knowledge in TensorFlow/TinyML/MCUNet, b) AVISPA, c) Traffic Capture and Analysis in Wi-Fi/BLE using Wireshark/Scapy, d) Python Programming.

Interested candidates with the above-mentioned qualification and knowledge can send the applications mentioning detailed educational qualifications and a detailed CV by **20<sup>th</sup> August 2023** to the Principal Investigator, Dr. Rajib Ranjan Maiti via email to [rajibrm@hyderabad.bits-pilani.ac.in](mailto:rajibrm@hyderabad.bits-pilani.ac.in) with **subject line prepended with “Application for Intern in Cyber Espionage: ”**. Please note that only qualified and suitable candidates will be called for interview to be held at BITS-Pilani, Hyderabad Campus. Mere application will not ensure for a candidate to be called for the interview. No TA/DA will be paid for the interview and the interview mode is **Offline**. The exact date of the interview will be notified to the selected candidates over the mail.

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