



INDRAPRASTHA INSTITUTE of  
INFORMATION TECHNOLOGY  
DELHI

## Networking and Security Lab (NSL)

B515 R&D Block,

Indraprastha Institute of Information Technology Delhi (IIIT Delhi),  
Okhla Phase III  
New Delhi 110020

Call for applications – PhD.

July 26, 2023

### Overview

Cyberspace has become the 21st-century battleground for wars, dissent and geopolitics. Security issues – ranging from vulnerable personal computing resources, corporate and business equipment, government and defense cyberinfrastructure, cyber dissidence, espionage and counter-espionage. The role of cybersecurity research is to explore complex problems of such varied natures and provide efficient ingenious solutions. It is an interdisciplinary field, involving cryptography, software systems, computer networking, social media, computer hardware, policy management, law and ethics.

We at NSL focus on various research problems related to network security, threats and threat prevention, network security hardware, to name a few. Are you a proactive, enthusiastic, talented programmer/coder with strong C/C++ skills, and possess knowledge of computer networks and operating systems? Have keen interest in pursuing research in allied areas? If you think you fit the bill, look no further. Contact us (details below) with your detailed CV, for the following exciting position:

### Doctoral Fellow

**Job description:** Pursue PhD in areas related to Computer Networks and Security. The PhD students are generally the lieutenants of any research exercise/project. Like most world class research universities, the PhD students of NSL@IIITD focus on fundamental research problems and try to find ingenious solutions to them. Not only are they expected to have good computer networking, OS, C/C++ programming skills, but they should be very willing to tinker around with

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low-level, systems and networks stuff, network devices like routers and switches etc. You must be willing to work very hard, think on your feet and a generally curious minded individual.

**Minimum qualifications:** B.Tech/M.Sc/MCA (Computer Sc., ECE, IT) from a recognized institution in the country.

**Salary:** Comparable to what is given by Govt. of India DST sponsored research projects (**over Rs. 37,500 / month**).

**Funding source:** A defense organization under the Government of India.

**Job type:** There is no overall time limit for doctoral research. Normally, at IIT Delhi, students complete their doctoral thesis work in about 5 years. However, the actual duration may vary, subject to students' interest and chosen research problem(s).

**How to apply:** Send an email attached with your CV to [sambuddho@iiitd.ac.in](mailto:sambuddho@iiitd.ac.in) and/or to [rinku@iiitd.ac.in](mailto:rinku@iiitd.ac.in) ``Position -- PhD" by Aug 12, 2023.