



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 candidates

August, 2024

#### 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 defence 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 projects related to network security, threats and threat prevention, intrusion detection, network performance measurements etc. Are you proactive, enthusiastic, a talented programmers/coders with strong C/C+, computer network and operating systems background ? Do you have a keen interest to pursue research in areas related to Networking and Security ?

If you think you fit the bill, look no further. Contact us (details below) with your detailed CV, for the following exciting positions:

## Doctoral Fellows

**Job description:** We are also welcoming applications from prospective doctoral candidates, willing to 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 and find ingenious solutions to them. Not only they expected to have good computer networking, OS, C/C++ programming skills, but should be very willing to tinker around with 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 (Computer Sc., ECE, IT) from reputed engineering institutions in the country with strong background in C/C++ programming, OS and Computer Networks.

**Salary:** Comparable to what is given by Govt. of India DST sponsored research projects (**over Rs. 37,000 / month + HRA**).

**Funding source:** C3iHub, A Cybersecurity Technology Innovation Hub at IIT Kanpur

**Job type:** There is no overall time limit for doctoral research. Normally, at IIIT 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 [nsl-app@iiitd.ac.in](mailto:nsl-app@iiitd.ac.in), with subject line ``Position -- PhD" by September 20, 2024.

**PI:** IIIT Delhi, Mukulika Maity (PhD), Asst. Prof. (CSE), IIIT Delhi. **Co-PI:** Sambuddho Chakravarty (PhD), Assoc. Prof. (CSE),