

## NIELIT Virtual Academy

### INTERNSHIP PROSPECTUS

**Name of the Internship:** *Online Internship Program in Cyber Security*

**Internship Code:** *IN-23*

**Mode of Conduction:** *Online*

**Starting Date:** 20<sup>th</sup> May 2026

**Last date of registration:** 17<sup>th</sup> May 2026

**Duration:** *6 Weeks*

### Objective of the Course

This skill-oriented course provides candidates with information required for configuration and administration of OS Server, Networks & its Security and equip them with the skills required to protect & recover the computer systems & networks from various security threats in dedicated or virtual environment.

### Outcome of the Course:

Provide the participants with in-depth knowledge and skills required for Cyber Security System by imparting a comprehensive understanding of the fundamental principles, methodologies, and industry practices.

**Course Fee:** Rs: 1000/- (inclusive of GST)

**Eligibility:** Pursuing or Graduate in BE/B.Tech/B.sc/BCA/MCA (IT/CS/Electronics)

### Methodology:

- ✓ Teaching Mode: Self-Pace
- ✓ Access from anywhere anytime
- ✓ Content Access through e-learning portal
- ✓ Doubt Removal Session
- ✓ Covers both Theory & Practical
- ✓ Certification: On completion of the Mini Project

**Registration Link:** <https://nva.nielit.gov.in>

### Contact Details:

- Course coordinator Name: Dr. Munivel E, Scientist/Engineer 'D'
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- Mobile number: 9443349257

## Course Structure:

Module No	Module Title
1	Module 1 – Linux & Security Fundamentals
2	Module 2 – Advanced System Security

## Syllabus:

### Module 1 – Linux & Security Fundamentals

- Introduction to Linux Fundamentals
- Linux Commands
- Network Configuration

### Module 2 – Advanced System Security

- Configuring DNS Server
- Configuring Web Server
- Configuring Mail Server
- Configuring File Server
- Overview of Security Threats & Attacks
- Information Gathering
- MITM Attack
- Brute Force Attack
- Secure DNS
- Secure Web Server
- Secure Mail Server
- Firewall
- Security Monitoring
- System Hardening