

NS3 CAREER: CYBER SECURITY



**WELCOME TO
NS3GROUP**

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FOUNDERS



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VISION

“To maximize fresher employability by bridging education with real-world opportunities through innovation and mentorship.”

PROGRAM OVERVIEW : CYBER SECURITY



A Cyberattack occurs every 11 seconds. Companies are no longer looking for "IT staff"; they are hunting for **Cyber Warriors**. At **NS3EDU**, we transform you into a high-stakes problem solver capable of defending global enterprises against AI-driven threats and sophisticated state-sponsored attacks.

The NS3EDU Standard: Our **Industry Based Curriculum (IBC)** is built on the **NIST Cybersecurity Framework**, ensuring you are trained on the same protocols used by Fortune 500 companies.

THE MULTI-LAYERED CURRICULUM

Level 1: Cyber Security Fundamentals (Beginner)

- **Networking for Security:** Deep dive into OSI & TCP/IP models, IP addressing, Ports, and packet analysis using **Wireshark**.
- **Operating System Security:** Windows and Linux OS architecture, User & Permission Management, and System Logs.
- **Threat Landscape:** Understanding Malware types, Phishing, Social Engineering, and the anatomy of Ransomware.

Level 2: Cyber Security Analyst (Intermediate)

- **Network Hardening:** Implementing Firewalls, VPNs, IDS/IPS (Intrusion Detection/Prevention), and Network Segmentation.
- **Endpoint & System Security:** Mastering Antivirus/EDR (Endpoint Detection and Response) and secure system configuration.
- **Web Application Security:** Mastering the **OWASP Top 10** vulnerabilities, including SQL Injection, XSS, and CSRF attacks.

Level 3: Advanced Cyber Security (Professional)

- **Ethical Hacking Methodology:** Reconnaissance, Scanning, Enumeration, and Vulnerability Assessment.
- **Cloud Security:** IAM (Identity & Access Management), Cloud Network Security, and the Shared Responsibility Model (AWS/Azure).
- **Incident Response & Digital Forensics:** Mastering the incident lifecycle, evidence collection, and forensic reporting.

STRATEGIC SECURITY & THE AI EDGE

Governance, Risk, and Compliance (GRC)

- **Global Standards:** Practical implementation of **ISO 27001**, **GDPR**, and **PCI-DSS**.
- **Regulatory Alignment:** Deep dive into Indian guidelines and the NIST Cybersecurity Framework.
- **Security Audits:** Conducting internal audits and risk management assessments.

Advanced Threats & Defense

- **AI-Powered Threat Intelligence:** Detecting AI-generated attacks and automating response via SOAR.
- **Blue Team Operations:** Proactive threat hunting and advanced persistent threat (APT) defense.
- **Real-World Projects:** Engaging in SOC Monitoring, Web App Testing, and Cloud Security Deployment simulations.

PLACEMENT & PROFESSIONAL SUCCESS



Our **internship program** puts you in our **Live SOC Lab** at **NS3TechSolutions**. You will work on:

- **Vulnerability Management:** Performing a full-scale scan and remediation for a corporate network.
- **Live Breach Simulation:** Responding to a simulated attack in a production-level sandbox environment.
- **Audit Readiness:** Preparing a compliance report for a Fintech client under global standards.

Job Role	Average Salary (Entry - Mid Level)
SOC Analyst (L1/L2)	₹5L – ₹12L PA
Ethical Hacker / Pen-Tester	₹8L – ₹20L PA
Cloud Security Engineer	₹12L – ₹30L PA
Cybersecurity Consultant	₹15L – ₹35L PA
Forensic Analyst	₹8L – ₹18L PA