

# Cyber Security

## Course Overview

What is Cyber Security? Cyber Security is a process that's designed to protect networks and devices from external threats. Businesses typically employ Cyber Security professionals to protect their confidential information, maintain employee productivity, and enhance customer confidence in products and services.

You will gradually increase your competence in trendy topics like network scanning, cryptography, cloud computing, system hacking and many more. You will also solve practical projects that will be a great addition to your portfolio.

## Course Curriculum

- Introduction To Ethical Hacking
- Foot Printing & Reconnaissance
- Scanning Networks
- System Hacking
- Social Engineering
- Hacking Web Applications
- Hacking Wireless Networks
- Hacking Mobile Platforms
- Cryptography
- Career Discussion And Guideline
- Virtualization Technology & Setup Lab
- Getting Familiar With Linux
- Networking Concept
- Enumeration
- Vulnerability Analysis
- Malware Threats
- Sniffing

- Denial-of-Service
- Session Hijacking
- Concepts Of IDS, Firewalls And Honeypots
- Cloud Computing
- Cyber Crime & Law
- Advanced Study Guideline

