



ANI CONSUMER SOLUTIONS PRIVATE LIMITED

CIN: U74999DL2016PTC308530

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“Ethical Hacking and Counter Measures”

Duration: 3 Days

Eligibility: B.Tech/BE Students

Training Objective: This program will provide training on web application security testing and network security tools to assess the vulnerabilities and risk associated in the discovered vulnerabilities of a given website, web application, network and reports the security flaws of the application and server mis-configurations along with generic countermeasures to improve the network architecture. This framework is built by utilizing existing open source security testing tools and will help organizations to detect vulnerabilities in web applications hosted by them before proceeding for security testing certification.

Course Contents:

Part – I

- Ethical Hacking introduction
- Footprinting and Reconnaissance
- Scanning networks
- Enumeration
- System Hacking
- Malware Threats
- Sniffing
- Social Engineering

Part - II

- Denial of Services
- Session Hijacking
- Hacking Webservers
- Hacking Web Applications
- SQL Injections
- Hacking mobile Platforms
- Evading IDS, Firewalls and Honeypots
- Cryptography



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Note: Cyber breaches are increasing world over and India too is one of the major targets of cyber attacks, as per report by PWC Cyber security breaches incidents spurt 117% in India. Organizations in INDIA are looking towards innovative security solutions to mitigate new range of attacks. Security professionals with Vulnerability assessment, penetration testing and malware analysis skills can be 1st line of defense to organizations layered security architecture. This course is designed for students who are new cyber security domain with more emphasis on hand's on lab (80% lab and 20% theory).