# Syllabus - Ethical Hacking Training

## Section 1 : Introduction to Ethical Hacking

- What is hacking?
- Common Hacking Terms
- What is cybercrime?
- Types of cybercrime
- What is ethical hacking?
- Why ethical hacking?
- The legality of ethical hacking
- Summary

## Section 2 : Footprinting and reconnaissance

- Footprinting threats
- Objectives of footprinting
- Different method footprints
- Tools for footprinting

## Section 3 : Scanning networks

- What is scanning?
- Overview of scanning
- Scanning types
- What is the goal?
- What technologies are used?
- What tools are used

## Section 4 : Enumeration

- Enumeration and its types
- Types of information enumerated
- Techniques for enumeration
- Services and port to enumerate

## Section 5 : Risk analysis

- Pilling and Structures
- The importance of vulnerability assessments
- Types of Vulnerability Assessment
- Vulnerability Assessments Vs Penetration Tests

## Section 6 : System Hacking

- Goals of system hacking
- Types of system hacking
- Summary

## Section 7 : Malware Threats

- Introduction of malware threats
- Various types of malware
- What is a Trojan?
- What is a worm?
- What is a virus?
- Trojans, viruses, worms

## Section 8 : Sniffing

- What is a sniffing
- What can be sniffed?
- Types of sniffing
- Summary

## Section 9 : Social Engineering

- What is Social Engineering?
- How does social engineering work?
- Typical social engineering techniques
- Social Engineering Curriculum Steps

## Section 10 : Denial-of-Service

- Deny service attacks and types
- DOS Types
- Currency measures

## Section 11 : Session Hijacking

- Denial of Service attacks and its Types
- Types of DOS
- Counter Measures

Section 12 : Evading IDS, Firewalls, and Honey pots

- Infiltration Detection System (IDS)
- Identify a HoneyPot
- Identify intrusion detection tools
- Identify attack types
- Identify firewall avoidance devices
- Identify firewall penetration testing methods
- Identify tools and techniques used to avoid IDS, firewalls, and honeypots

Section 13 : Hacking Web Servers

- What is a web server?
- Web server attack types
- Website Definition
- Countermeasures

Section 14 : Hacking Web Applications

- What is a web application?
- Tools Used

Section 15 : SQL Injection

- What is a Web Application?
- Types of Attacks
- Tools used

Section 16 : Hacking Wireless Networks

- Wireless Networks
- attack types
- Wireless Security

Section 17 : Hacking Mobile Platforms

- Technology to hack mobile platforms
- RATs

## Training Fees / Duration (Rs. 2,500/- Onwards)

- Internship for BTech, MTech, MCA, BCA, Bsc, B.Com, M.Com, MBA Students
- Duration: 1 Week to 6 Months
- Internship Training on real projects
- Training / Internship by Experienced Professionals

- Online / Live / Direct Classes

## Our Unique Features

- Training by 3 to 18+ Years of Industry Experts
- 500+ More Projects / Clients
- 1000+ Success Stories
- Placement Assistance with our own Job Portal ( jobsNEAR.in )
- Advanced level Training
- Individual Attention
- #1 Online Live Training in Kerala, Since 2001
- Completed 500+ Seminars
- Completed Seminar 25000+ Students
- Internship on Real Time Projects
- Kerala's first online live training institute

# JobsNEAR.in