

# **CERTIFIED ETHICAL HACKER ( CEH )**

## **Course content**

**Module 01. Introduction to Ethical Hacking.**

**Module 02. Setting up a Testing Environment Using Virtual Machines (Lab)**

**Module 03. Fundamental Concepts of Networking.**

**Module 04. Basic Linux Commands**

**Module 05. Information Security**

**Module 06. Footprinting and Reconnaissance Concepts - Search Engines, Google Hacking**

**Module 07. Footprinting and Reconnaissance Concepts - Website, Email Security, Privacy and Anonymity**

**Module 08. Network Scanning - Checking for Live Systems**

**Module 09. Network Scanning - Nmap**

**Module 10. Introduction to Proxy Server, VPN, Anonymizers**

**Module 11. System Hacking - Password Cracking**

**Module 12. System Hacking - Recover Information**

**Module 13. Spyware - Computer and Mobile Spyware**

**Module 14. Malware - Trojan, Virus, Worms, Backdoor, Ransomware**

**Module 15. Steganography**

**Module 16. Wireshark : Sniffing Tool**

**Module 17. DoS and DDoS Attack**

**Module 18. Social Engineering - Website with Kali**

**Module 19. Social Engineering - Mobile Device with Kali**

**Module 20. SQL Injection**

**Module 21. Wi-fi Hacking**