

**Ethical Hacking & Countermeasures**, a course tailor made to develop Information and Network Security Professionals, Currently the most sought after in the IT industry.

An **Ethical Hacker** is described as one who attempt to break into systems/ networks in order to help the owners by making them aware of security flaws those are present in them even before a hacker could get his/her hand on it.

The program covers vaious topics including some of the currently available security/networking tools, familiarising the trainees in them, in the due course.

Course highlight is to provide Protection to your networks from such potential Threats and Hacking Attacks.

## Course Contents

- ☞ System Hacking
- ☞ Password Hacking
- ☞ Web Server & Application Hacking
- ☞ Web Based Password Cracking Techniques
- ☞ Virus, Trojans, Worms & Spywares
- ☞ Session Hijacking
- ☞ Network Scanning & Sniffing
- ☞ Hacking Wireless Networks
- ☞ Intro to Vulnerability Assessment
- ☞ Intro to Penetration Testing
- ☞ Practical Exposure on
  - i) Clavister (Sweden) High End Firewalls & UTM Solutions
  - ii) Kaspersky (Russia) Content Security Solutions

## ZOOM TECHNOLOGIES (INDIA) PVT. LTD.,

Asia-Pacific H.O. : 'Zoom House', Adj. to SBICM, Rd #12, Banjara Hills, Hyderabad - 500 034, INDIA.

☎ : +91-40-23394150

Secunderabad Office : 509, 5<sup>th</sup> Floor, Navketan Complex, opp. Clock Tower, SD Road, Secunderabad - 500 003, INDIA.

☎ : +91-40-27802461, +91-40-27800985

Ameerpet Office : 2<sup>nd</sup> Floor, 204, 205, 206, HUDA Maitrivanam, Ameerpet, Hyderabad - 500 038, INDIA.

☎ : +91-40-39185252

Dilsukhnagar Office : 16-11-477/B/1&B/2, 1<sup>st</sup> Floor, Shalivahana Nagar, Dilsukhnagar, Hyderabad - 500 060, INDIA.

☎ : +91-40-24140011, +91-40-24140003

E-mail : [mktg@zoomgroup.com](mailto:mktg@zoomgroup.com)

[www.zoomgroup.com](http://www.zoomgroup.com)

**Ethical  
Hacking  
&  
Countermeasures**

# Course Details

## Module - 1

- ▶ Footprinting & E-Mail Tracking
- ▶ Scanning
- ▶ Enumeration
- ▶ Google Hacking

## Module - 2

- ▶ System Hacking
- ▶ Application PWD Hacking

## Module - 3

- ▶ Denial of Service & DDOS
- ▶ Sniffer
- ▶ Session Hijacking

## Module - 4

- ▶ Web Server Hacking
- ▶ Web Application Vulnerabilities
- ▶ Sql Injection
- ▶ Buffer Overflows Attacks
- ▶ Web Based Password Cracking Techniques

## Module - 5

- ▶ Hacking Wireless Networks

## Module - 6

- ▶ Trojans, Worms and Spywares
- ▶ Linux Hacking
- ▶ Honey pots

## Module - 7

- ▶ Social Engineering
- ▶ Cryptography
- ▶ Physical Security
- ▶ Corporate Sabotage

## Intro Module

- ▶ Reverse Engineering
- ▶ Penetration Testing
- ▶ Vulnerability Assessment

## Practical Exposure on

- ▶ **CLAVISTER** - High End Firewalls
- ▶ **KASPERSKY** Content Security Tool
- ▶ Evading Firewalls and IDS