

# SUMMER TRAINING PROGRAM 2013

**(Ethical Hacking)**

**Introduced By:**



**In Association with:**



**YD Tech Sourcing Pvt. Ltd.**

**Contact Us:**

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## Summer Training Program 2013

- ❖ **Course Name:** Ethical Hacking
- ❖ **Course Duration:** 15 Days, 25/30 hrs
- ❖ **Course Fee:** INR 5900 (Including Taxes)
- ❖ **Course Certification:** Certified by Matbotrix Technologies (Regd.) & YD Tech Sourcing Pvt. Ltd.
- ❖ **Course Level:** Beginner Level
- ❖ **Study Material:** CDs free to each participant
- ❖ **Group discount:** Up to 15%
- ❖ **Website:** <http://www.matbotrix.com>

### **Course Content:**

#### **1. Introduction:**

- Hacking history
- What is ethical hacking?
- Ethical Hacker Vs Malicious hacker
- Types of Hackers

#### **2. Networking;**

- What is a Network?
- Types of network – LANs, WANs & WLANs.

#### **3. Basics of Internet**

- What is Internet?
- History of the Internet.
- Basic Structure.
- What is a Server?
- What is an IP Address?
- What is a domain name?

#### **4. Windows Security:**

- Windows security
- Registry
- Port & Services
- Securing Windows
- Looking for loop holes in windows

## **5. Ethical Hacking**

- What is Google and how does it work?
- Google tricks
- Basic hacks
- How can Google hacking help an Ethical Hacker?
- Preventing Google crawls

## **6. Scanning and Enumeration**

- Scanning
- What I scanning?
- Objectives of Scanning
- Scanning tools to be used.
- What is Enumeration?

## **7. Viruses:**

- Types of threats in the Internet age
- Trojans, Worms, Malware, Spyware

## **8. Email Hacking:**

- E-Mail Hacking, Firewalls & DOS attacks
- How does an email work?
- Tracing an email
- Spam
- Fake emails
- Detecting fake emails

## **9. Miscellaneous:**

- What is a firewall? & how can it help you
- Key loggers & how it works?
- Phishing sites
- Sniffers
- Spoofing

#### **10. Web Application Vulnerabilities:**

- SQL injection
- Cross site Scripting
- Hacking wireless networks

#### **Projects Covered:**

- Live Hacking of Various Websites.
- Sending Fake Emails
- MTM attack
- Windows Password Hacking