



TechDefence



***Welcome to
the world of
IT SECURITY***



www.techdefence.com

HACKTRACK ***2.0***



Level 1.0

A workshop on
**ETHICAL HACKING &
INFORMATION SECURITY**



Schedule

CYBER ETHICS (0.5 HRS)

Hackers & hacking methodologies
Types of hackers
Communities of Hackers
Malicious Hacker Strategies
Steps to conduct Ethical Hacking
Hiding your identity while performing attacks

INFORMATION GATHERING & SCANNING (0.5 HRS)

Who is information
Trace Route
Info Gathering using blogs & forums.
Info Gathering using search Engine
Info Gathering using Meta tags & Words.
Info gathering using job portals
Info gathering using People Search
Info gathering using Scanning Websites
Info gathering using Espiders
Info gathering using Web Archive

WIRELESS SECURITY (1.5 HRS)

Wireless Protocols
Identifying the Attack
Identifying the Attacking Methods
Cracking Wireless routers password(WEP)
Securing routers from Hackers
Countermeasures

ANDROID HACKING & SECURITY (1.5 HRS)

Basics of Android Security Model
Understanding of Android Malwares
Getting All info(Call logs, SMSes,SD Card Data)
Exploiting an android phone with malware.
Sending all Data to Server
Antivirus Evasion
Countermeasures

WEB APPLICATION & SECURITY (6.0 HRS)

Introduction to the Web Architecture
Security Misconceptions
Web Application Vulnerabilities
SQL Basics
Types of SQL Injection
Authentication Bypass Vulnerability
Code Injection
Union Based Injection
Error Based Injection
Cross Site Scripting Vulnerability
Cross Frame Scripting Vulnerability
Cross Site Reference Forgery
Session Hijacking attacks
Input Validation Vulnerability
Remote Code Execution
Local File Inclusion Vulnerability
Remote File Inclusion Vulnerability
Bypassing the Security
Testing the Web Application Firewalls
Types of Control Panels
Uploading Control Panel
Setting up File / Folder Permissions
Analyzing the logs
Log filtration

MOBILE, VoIP HACKING & SECURITY (1.0 HRS)

SMS & SMSC Introduction
Analyzing types of Messages
Sending & Tracking fake SMSes
Identifying Forged Messages
Identifying the Calling Methods : VoIP
Configuration Logs
Identifying the Forged Calls
Tracing Back the Forged Call

EMAIL HACKING & SECURITY (0.5 HRS)

How phishing works
How hackers make fake pages
How key logger works
Social Engineering Techniques

INTRODUCTION TO CYBER CRIME (0.5 HRS)

Types of Cyber Crimes
Report Cyber Crimes

GOOGLE HACKING (0.5 HRS)

Using Google as hacking tool
Advanced operators of Google
Finding Vulnerable websites using Google
Finding Target networks using Google

CYBER FORENSICS (2.0 HRS)

Introduction to Cyber Forensics
Examination Rules
Forensic Examination of Digital Media
Digital Investigation Methodologies
Analyzing the Evidences
Data Collection
Data Recovery
Analyzing the Data



Schedule

SYSTEM & NETWORK HACKING (0.5 HRS)

Examining System Privileges
Privilege Escalation
Enumeration of networks
Sniffing Network Packets
Analyzing the Packets
Countermeasures

INVESTIGATION METHODOLOGIES (1.0 HRS)

Different Logging Systems
Investigating Emails (Email Tracing)
Ahmadabad Bomb Blasts Terror Mail Case
Investigating Data Theft Cases
Cyber Law & IT Act,2000

TROJANS, BACKDOORS (1.0 HRS)

Control Victim's Computer
Binding Trojans with another file
Undetection of Trojans
Identify the Running Applications
Identify the Trojans, Virus
Identifying Logs
Counter Measures



DURATION & FEES

Total Hours: 16
Total Days : 02

08 HRS / DAY
Rs. 1200 / Head

CERTIFICATION

Certificate of "Certified Ethical Hacking Expert – Level 1" will be given to participants from TechDefence & Respective College

COURSE MATERIAL



Comprehensive course material will be provided to participants.
Ethical Hacking Toolkit worth Rs.600 (Containing Tools, Videos, EBooks, Presentations)

PROGRAM HIGHLIGHTS/ BENEFITS

- Learn & Interact with renowned Industry Experts
- Receive an unparalleled education on the art of computer security with personal one-on-one attention from Sunny Vaghela.
- Hands on Demonstrations of Latest Hacking Techniques & Tools.
- Hands on Demonstrations of various cases solved by Sunny Vaghela.
- PowerPoint Presentation, Live Demos, Interactive Question & Answer sessions and comprehensive reading material.
- Toppers of each workshop to be personally interviewed Sunny Vaghela and will receive a chance to work with him on security projects.

KEY POINTS OF TECHDEFENCE

- Awarded as India's best Ethical Hacking Training Institute by NBC in 2012
- We have rich experience working on cases & training for Crime Branch, Ahmedabad, Rajkot, Surat, Nashik & Hyderabad.
- Conducted more than 250 workshops & seminars for Students & Professionals across globe.
- We helped Top Investigating Agencies to solve Cyber Terrorism Cases like Ahmedabad & Mumbai Blasts Cases.
- We do not use third party tools. We have developed our Crypters, Trojans, and Scripts etc.
- Our Director & Trainer is supported by Ministry of Home Affairs, Malaysia.

AHMEDABAD HEAD OFFICE

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For franchise related queries contact us at: franchise@techdefence.com

BRANCH OFFICES

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Hyderabad, Andhra Pradesh (R&D Office)

Jaipur, Rajasthan (Regional Office)



Contact