- ## Courses For Event Ethical Hacking Summer Training 2018

- Ethical Hacking
- Mobile Security

- ## Topics For Ethical Hacking

- Concepts of networking and connecting remote computers using Netcat
- Port Scanning using Nmap, Zenmap and Network Statistics
- Network Services, Wired and Wireless Networks
- Concepts of ARP Spoofing and Man in the Middle Attack
- Practical Demonstration: Man in the Middle Attack using ARPSPOOF
- How to create virus program using metasploit framework
- How to create virus program for victims on internet
- Device Forensics
- Device Forensics on Virtual Devices
- How to take Device dump of a real device
- Server and Website Vulnerability Scanning using Nikto and Owasp ZAP
- Hacking Websites using SQL Injections
- Hiding files using Alternate Data Streams
- Concepts of Firewalls, Intrusion Detection Systems
- Concepts of Proxy Servers
- Password Cracking of Winrar and Winzip Archives
- Security Policies in Windows Operating System
- OS Monitoring Tools and Windows Event Logging
- Web Event Logging in Windows OS
- Cross Site Scripting Attack and Hacking User session on a website
- How to Create Self Extracting Exe for Netcat
- Create a Kali Linux Image on Amazon EC2
- Convert PEM file to PPK [Putty Private Key]
- Update Kali Linux and Metasploit Framework
- Start Apache Server on Kali Linux
- Create Malicious Android APK with Meterpreter Payload using MSFVENOM
- Create a Listener for Android Reverse HTTP Shell from Victims
- Download App on Victim Device and Get Hacked
- Wannacry/Wannacrypt Ransomware Prevention
- Antivirus Safe Meterpreter Payload
- Denial Of Service Attacks on Websites
- How to create antivirus bypass meterpreter virus
- Ethical Hacking Assessment Test
- We would be glad to have your review here
- DDOS Attacker Detection and Prevention

- ## Resources For Ethical Hacking

- Download VMWARE Workstation 10.0.7 for Windows
- Download VMware Workstation 11.1.4 for Linux
- Download Kali 64 bit (2.8 GB)

- Download Kali 32 bit (2.9 GB)
- Download Kali 32 bit (2.9 GB)
- Download Netcat for Windows - nc111nt.zip (password:nc)
- Download NMAP 7.60 for Windows
- Download NMAP 7.60 for Linux 64 x86-64 (64bit)
- Download NMAP 7.60 for MAC OSX
- Download Wireshark for Windows 64 bit
- Download Wireshark for Windows 32 bit
- Download Wireshark for Mac OS 10.6 and Later
- Download WinHex for Windows: Computer Forensics & Data Recovery Software
- Download UNetbootin to create bootable Live USB drives

Topics For Mobile Security

- Understanding the Android Environment
- Android Standalone SDK Tools
- Understanding Linux Kernel
- Understanding Android Runtime Concepts and Application Services
- Getting Familiar with Android Activity Lifecycles Part 1
- Getting Familiar with Android Activity Lifecycles Part 2
- Understanding Android Application Framework
- Overview of Android Software Stack Layers
- Overview of Application User Protection Levels
- Getting Familiar with Code Signing & Packaging an Android Application
- Updating an Android Application
- Identifying Application-based Permissions
- Enabling the ProGuard Tool in Android SDK
- Leveraging Linux Security Services in Android
- Understanding Permissions Assignment
- Working with Android Shared Users IDs
- Create a Kali Linux Image on Amazon EC2
- Convert PEM file to PPK [Putty Private Key]
- Update Kali Linux and Metasploit Framework
- Start Apache Server on Kali Linux
- Create Malicious Android APK with Meterpreter Payload using MSFVENOM
- Create a Listener for Android Reverse HTTP Shell from Victims
- Download App on Victim Device and Get Hacked
- Scanning a Network Using Nmap
- Examining Network Activity with BusyBox
- Foundations of Android Security: Analyzing Network Traffic Using Wireshark - Part 1
- Foundations of Android Security: Analyzing Network Traffic Using Wireshark - Part 2
- Foundations of Android Security: Analyzing Android Device Mount Points
- Mobile Forensics - Android EMMC Devices