



Course Content of Ethical Hacking Workshop

SESSION 1: Introduction to Ethical Hacking

- ❖ *Introduction to Internet*
- ❖ *Introduction to Networking*
- ❖ *Introduction to Ethical Hacking*

SESSION 2: Ethical Hacking Start Up Basics

- ❖ *Information gathering & Google Hacking (Theory & Practical)*
- ❖ *Windows security (Theory & Practical)*
- ❖ *SQL injections attacks (Theory & Practical)*

SESSION 3: Further practical

- ❖ *Phishing, Trojan & viruses*
- ❖ *Session hijacking & Cookie grabbing*
- ❖ *Social Engineering Attacks*

SESSION 4: DNS & Spoofing

- ❖ *DNS Spoofing*
- ❖ *E-Mail Hacking, forging & tracing*
- ❖ *Fake SMS & Calls*
- ❖ *Charge/penalties against hacking in INDIA*

SESSION 5: Hacking using BackTrack

- ❖ *Man-in-the-middle attack (MITM Attack) (Practical)*
- ❖ *Cross site scripting attack (XSS) (Practical)*



SESSION 6: Ethical Hacking Projects implementation & testing

- ❖ *Live info gathering (Nmap, Maltego etc.)*
- ❖ *Live ettercap powerful attacking tools*
- ❖ *Live active & passive scanning*
- ❖ *Live DNS Hijacking (DNS Spoofing)*
- ❖ *Live Cache Poisoning*
- ❖ *Live XSS Attack with cookie grabbing*
- ❖ *Live DVWA & Web-goat for testing*
- ❖ *Live Key Loggers attack*
- ❖ *Sending Fake Emails/ Email Forging*
- ❖ *Fake calls/ Call Forging*
- ❖ *Live Website hacking using SQL Injection*
- ❖ *Live MTM attack (APR Spoofing)*