

# Ethical Hacking

## **Workshop Topics:**

Cracking VS Ethical Hacking  
Spoofing - EMAIL and IP  
Google Hacking  
Trojans, Viruses and Worms  
Mobile Phone - Android Hacking  
Buffer Overflows & Reverse Engineering - Application Cracking  
Cryptography  
Phishing  
Web Server Hacking  
Web Application Hacking - SQL injection , Cross Site Scripting, etc  
Credit Card Hacking  
NextGen Attacks  
Email Hacking  
Countermeasures and Case Studies  
Hacking as a CAREER

## **Workshop Session Outline:**

- 1) What is Ethical Hacking and in what way it will be helpful for an Organization?
- 2) How Web applications work and how vulnerabilities manifest in them?
- 3) How hackers find and exploit these vulnerabilities?
- 4) Solutions for protecting networks and Web applications?
- 5) Intense learn about hackers' tools and real time techniques so that you can deface them and protect yourself.
- 6) Understanding how to identify vulnerabilities in Web Applications.
- 7) Test and exploit vulnerabilities in your Web applications using freely available tools.