

Ethical Hacking and Cyber Security

Ethical hacking is an important tool in many national security agencies and even companies. An Ethical Hacker is usually employed with the organization and can be trusted to undertake an attempt to penetrate networks and/or computer systems using the same methods as a Hacker. The goal of the ethical hacker is to help the organization take pre-emptive measures against malicious attacks by attacking the system himself; all the while staying within legal limits.

This workshop is specifically designed to provide the right knowledge to the aspiring Cyber Forensics & Ethical Hacking enthusiasts. This workshop will explore the various means that an intruder has available to gain access to computer resources. The course objective is to provide the student with a solid understanding of the Ethical Hacking techniques to the key design issues, so that the student, when working as industrial developer, is capable of identifying the key problem points and focus his creative attention.

It will investigate weaknesses by discussing the theoretical background behind, and whenever possible, actually performing the attack.

Topics to be covered in Ethical Hacking Workshop

1. Introduction
2. Google Hacking
3. Email Hacking
4. Windows Hacking & Security (Keyloggers)
5. Trojans
6. Footprinting
7. Virus & Worms
8. Scanning
9. Enumeration
10. Sniffers
11. Denial of Service (DoS) attack
12. Cryptography
13. Web Browser Security.
14. SQL Injection



Special Queries Session

Duration: The duration of this workshop will be two consecutive days, with eight hour session each day in a total of sixteen hours properly divided into theory and hands on sessions.

Fees: Rs. 1200/- per head inclusive of all taxes

