Ethical Hacking

Introduction:

This Ethical Hacking Certificate is the desired information security training programme that any information security expert will ever want to be in. You must become a hacker, but an ethical one, in order to master hacking technologies. It offers cutting-edge hacking tools and methods that information security experts and hackers alike utilize to breach a business. It is a known fact that to fight a hacker, you need to think like a hacker. To fight against such attacks, this certification will completely immerse you in the hacker mindset. Any organization's security mindset must extend beyond the silos of a specific vendor, technology, or piece of machinery. You will be thought the five phases of ethical hacking and thought how you can approach including Reconnaissance, Gaining Access, Enumeration, Maintaining Access, and covering your tracks.

Learning Outcomes:

After the completion of this certification, students would be able to:

- ➢ Prevent malicious hacking attempts
- ➢ Analyzing and exploiting vulnerabilities on a website
- ➢ Scanning Networks with Nmap
- ➢ Identify legal and ethical issues related to vulnerability and penetration testing

Benefits:

- ➢ Understanding of advanced hacking skills
- ➢ Become a cyber security professional
- ➢ Master Information gathering and foot printing

Entry Requirements:

- ➢ Learners must have the Basic IT knowledge
- ➢ Should be able to read English
- ➢ Minimum education required: Intermediate with experience | Graduate Preferable

Curriculum:

Week	Lecture	Topics
1	1	Introduction to Ethical Hacking
2	2	Foot printing and Reconnaissance
3	3	Scanning Networks
4	4	Enumeration
5	5	Vulnerability Analysis
6	6	System Hacking
7	7	Malware Threats
8	8	Sniffing
9	9	Session Hijacking
10	10	Hacking Web Application
11	11	Hacking Wireless Network
12	12	**Final Project Presentation**

Mode of Classes

- ➤ On-Campus
- ➤ Online