**Ethical Hacking**

1)Linux

* Introduction to Linux
* Linux Terminal
* Basic Commands
* File System
* User Management

2)Networking

* Hardware component of Networks
* Computer Network Topology
* Networks Protocol
* OSI /TCP Model of Networking
* IP Address and MAC Address
* Proxy

3)Ethical Hacking

-Introduction to Ethical hacking

* Information Gathering

-What is Information gathering.

-Types and goals of information gathering

-Open Source Intelligence

-Tools used in information gathering.

* Scanning

-Introduction to scanning

-Types of scanning

-Banner grabing

-Tools used in scanning.

* Enumeration (System Hacking)

-Linux enumeration

-Windows Enumeration

-Password/Hash cracking

-Shells (Bind/Reverse)

-OWASP Top 10

* Post Exploitation

-Privilege Escalation

-Accessing sensitive information

* Metasploit
* Practice On DVWA and Labs.