

Vocational Training- Cyber Security & Ethical

Hacking

Course Syllabus

1.Introduction

- What is Hacking
- Types of Hackers
- Types of Hacking
- Career in Hacking

2.Networking

- Introduction to Networking
- OSI models
- IP Address & Ports

3. OS, & Labs Creation

- What is OS
- What is Virtualization
- OS Installation
- Web Server Installation

4.Information Gathering

- What information is to find
- How and from Where to find
- Google your best friend & your biggest enemy
- Google Dorks

5. Scanning Networks and Discovery

- OS Discovery
- Ports & Service Discovery
- Antivirus , IDS, IPS

6.Vulnerability Finding & Hacking Systems

- What is Vulnerability
- How to Find Vulnerability
- Tools Installation
- How to hack Systems

7.Website Working & Hacking

- What is Web Server
- What is Website and how it is created
- Security Problems with website
- Website traffic and Hacks

8.Malware & IP Spoofing

- virus
- Rat
- ransomware
- What is IP address & how to spoof it

