

# Cyber Security

Module	Content
<b>Module - 1</b>	<b>With Great Power Comes Responsibilities</b>
	Define Hacking
	Myths of Hacking
	Do's & Dont's
	Types of Hackers
<b>Module - 2</b>	<b>Who am I</b>
	Digital Identity
	IP address
	MAC Address
<b>Module - 3</b>	<b>We are every where &amp; No where</b>
	IP Spoofing
	Email Spoofing
	Call spoofing
	Advanced VPN
<b>Module - 4</b>	<b>IV Now you can see me</b>
	Who is
	Tracert
	Nmap & Port Scanning
	Ping
<b>Module - 5</b>	<b>Crypt it</b>
	Introduction of Cryptography
	Basic Algorithms
	Hashes
	Encryption & Decryption
<b>Module - 6</b>	<b>Lets Break</b>
	Tradition Password patterns
	John the ripper
	Brute force in depth
	Cracking Windows Password from Boot
	SAM Dump Crack
	Blind Change Windows Password
<b>Module - 7</b>	<b>Games of Trojans</b>
	Malware
	Backdoors
	Ransomware
	RAT Functionality
	Crypter FUD
	Enboxing trojan
<b>Module - 8</b>	<b>The great KALI</b>
	Installation of VMware

	Kali VM setup
	Linux 101 - Basics
	Bash scripting
<b>Module - 9</b>	<b>MITM</b>
	ARP Concepts
	SSL STRIP
	TCP Dump
	Introduction to wireshark
	Man in the middle attack
<b>Module - 10</b>	<b>Put on a happy face</b>
	Introduction to Social Engineering
	Individual Attacking Vector
	Phishing
	Vishing
	Pdf Exploit
	MS office
	Password Guessing
	Social engineering exploit tool kit
<b>Module - 11</b>	<b>Happy neighbour WIFI</b>
	WIFI 101
	WEP Cracking
	WPA-2 Cracking
	Caffe-latte attack
	War driving
<b>Module - 12</b>	<b>Secure Ending</b>
	Windows Hardening
	User Privileges
	Anti Virus
<b>Module - 13</b>	<b>Play time</b>
	CTF