Certificate Course in Cyber Security (6 Months)

S. No	Topic
1	Network basics, IPV4, Class, Classless,CIDR,IPV6, Basics of routing and switching, NAT
2	Basic Linux Commands
3	Need of Cyber security, Ethical Hacking, Scope of Ethical Hacking, Types of Hackers, Phases of Ethical Hacking
4	Cryptography(Symmetric, Asymmetric), PKI with PGP
5	Security Attacks and counter measures: information Gathering, sniffing, scanning
6	ARP Cache Poisoning and MITM Attack, Brute Force attack, IP spoofing & MAC spoofing, DOS attack
7	Metasploit Framework Exploit MS17-010 Vulnerability Reverse TCP Connection Reverse connection in different network using port forwarding Software-based vulnerabilities (Badblue/iceblaster)
8	Steganography, Web security vulnerability
9	Cyber law And forensic: Digital Forensic