

Cyber Safety

Detailed Curriculum

Name of Unit of Qualification	:	Cyber Crime and Security
Duration	:	4 Hours
Topics	:	Cyber Crime and Security

Performance Criteria (OUTCOME) No.	Contents	Hrs.
1. Cyber Crime and Types of Cyber Attack	What is Cyber Crime? Emergence of Cyber Crime, Cyber Criminals, Classifications of Cyber Crime, Types of Cyber Attacks (Social Engineering, Internet Fraud, Denial of Service Attacks, Internet Spoofing, Salami Attacks, Phishing, keyloggers).	2
2. Cyber security and its importance	ATM Threats, Guidelines for safe download, Malware – (Virus, Spyware, Worm, Trojan), Online Banking- (Link Manipulation, Filter Evasion, Phishing attacks, Malware attacks, Tips), Online scam – (Phishing scam, Lottery Scam, Email Scam, Unscrupulous websites for income tax refund, Tips to prevent Online scams), Data security (Importance of securing data, Different methods of securing data), Identity theft (Types of Identity theft, how to prevent), Tab napping (How does it work, tips to protect against tab napping).	2

Name of Unit of Qualification	:	Browser, Email and Social Networking Security
Duration	:	6 Hours
Topics	:	Browser, Email and Social Networking Security

Performance Criteria (OUTCOME) No.	Contents	Hrs.
1. Browser Security	Web Browser and its usage, types of web browser, Understanding web browser features and keywords, Risks towards web browser, secure web browser.	2
2. Email Mail/Instant	Email and its usage, Possible attacks through e-	2

Messaging	mails, How to prevent, Spam mail, Feature of Online chat / Instant Messaging, Risks Involved, Tips for chatting.	
3. Social Networking and Online Predators	Social Networking and its usage, Vulnerability of Social Networking sites, Risks of Social Networking, Tactics (Click-jacking, Doxing, Elicitation, Pharming, Phreaking), Preventive Measure while using Social Networking, online predators (Communication tools used by online predators, How to prevent online predators).	2

Note: After completion of course there is a final qualifying exam will be there which is not included in the course duration, for that an extra 1 or 2 days will be given to do the final assessment.