

Module 4: Online Safety

Main objective:

This module provides information on different aspects of safety with regard to risks, threats and measures for data protection and secure online communication.

Topics:	Learning Outcomes:
1. Basic Internet Concepts/Terms	1.1 Internet, WWW, ISP, Web browser, Search engine 1.2 Wired and Wireless Network 1.3 Threat and Attack Definition and related terms <ul style="list-style-type: none"> – Cybercrime – Malware – Http/s 1.4 Online social networking sites
2. Risks	2.1 Threats to Software 2.2 Threats to Data/Information <ul style="list-style-type: none"> – Types of Cybercrime: Phishing – Types of Malware – Dangers of Online social networking sites – Dangers of surfing and shopping online – Financial loss
3. Measures	3.1 Physically protect a computer 3.2 Using an updated Operating System 3.3 Setting up strong passwords 3.4 Using of an updated Antimalware software 3.5 Regular Backing up of data 3.6 Using Encryption and Digital Signatures 3.7 Using Firewalls 3.8 Applying privacy settings on online social networking sites 3.9 Surfing and shopping securely 3.10 Awareness of the present world security