

Module 3: Cybersecurity and Data Protection

Course Outlines

- Introduction to cybersecurity concepts and common digital threats.
- Understanding malware, phishing, and social engineering attacks.
- Best practices for password management and data privacy.
- Safe browsing, secure communication, and responsible technology use.
- Overview of ethical and legal aspects of cybersecurity.

Course Outcomes

By the end of this module, students will be able to:

- Identify common cybersecurity threats and apply prevention techniques.
- Protect personal and institutional data using secure digital practices.
- Create and manage strong passwords and authentication methods.
- Recognize and respond to suspicious online activities responsibly.

- Demonstrate ethical awareness in the digital environment.