

Level 1: Fundamentals of Cyber Security & Ethics

Goal: Awareness and basic understanding

- Introduction to Cyber Security
 - Importance of Cyber Security in modern society
 - Basic cyber threats (virus, malware, phishing)
 - What is cyber ethics?
 - Ethical vs unethical behavior online
 - Digital citizenship
 - Safe internet usage
 - Password security basics
 - Social media ethics
 - Personal data protection basics
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Level 2: Cyber Threats, Attacks & Ethical Issues

Goal: Understand common attacks and ethical concerns

- Types of cyber attacks
 - Malware, ransomware, spyware
 - Phishing, spoofing
 - Social engineering attacks
 - Insider threats
 - Cyber bullying and online harassment
 - Ethical use of computers
 - Data privacy concepts
 - Intellectual property rights
 - Software piracy
 - Ethical hacking vs illegal hacking
 - Case studies of cyber crimes
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Level 3: Security Practices & Legal Framework

Goal: Practical security knowledge with legal awareness

- Basic network security concepts
- Authentication & authorization
- Access control principles
- Secure password policies
- Encryption basics
- Firewalls and antivirus systems
- Cyber laws (overview)
- IT Act / Cyber law fundamentals
- Digital evidence and forensics basics
- Ethical responsibility of IT professionals

Level 4: Ethical Hacking, Risk & Compliance

Goal: Controlled security testing with ethics

- Introduction to ethical hacking
- Types of hackers (white, black, grey)
- Vulnerability assessment basics
- Penetration testing overview
- Security risk management
- Security policies and procedures
- Code of ethics for cybersecurity professionals
- Data confidentiality, integrity, availability (CIA Triad)
- Compliance standards (ISO, GDPR basics)
- Incident response basics

Level 5: Advanced Cyber Security & Professional Ethics

Goal: Professional and organizational security

- Advanced encryption concepts
- Secure network design
- Security monitoring & logging
- Intrusion detection & prevention systems
- Cyber security governance
- Ethical decision-making models
- Privacy by design
- Handling sensitive & classified data
- Responsible disclosure
- Professional ethics & accountability

Level 6: Cyber Security Management, Ethics & Emerging Challenges

Goal: Expert-level awareness and leadership ethics

- Cyber security strategy & management
- Security audits and assessments
- Cyber warfare & cyber terrorism
- Ethics in AI, IoT, and cloud security
- Digital surveillance & privacy concerns
- Ethical challenges in big data
- International cyber laws & treaties
- Incident handling & crisis management
- Cyber security career ethics
- Future trends & ethical challenges