

Curriculum Plan (Even Semester 2020-2021)

Paper Name: Information Security and Cyber Laws
Class Type: GE
Semester: IV
Paper shared with: Ms. Rajani
Teacher Name: Reshu Chaudhary

S.No.	Schedule (Approximate)	Topic
1	February 2021	<p>Definitions: Digital Signature And Electronic Signature</p> <p>Cyber laws to be covered as per IT 2008: [Section 43] [Section 65] [Section 66 A] [Section 66 B] [Section 66C] [Section 66D] [Section 66E] [Section 66F] [Section 67] [Section 67A] [Section 67B] [Section 72A]</p>
2	March 2021	<p>CYBER ATTACKS (definitions and examples): Denial-of-service attacks, Man-in-the middle attack, Phishing, spoofing and spam attacks, Drive-by attack, Password attack, SQL injection attack, Cross-site scripting attack, Eavesdropping attack, Birthday attack, Malware attacks, Social Engineering attacks</p> <p>Information Gathering Techniques: Tools of the attacker, scanning and spoofing, password cracking, malicious software, session hijacking</p>
3	April 2021	<p>Safety Tools and Issues: Firewalls, logging and intrusion detection systems, e-mail security, security issues in operating systems, ethics of hacking and cracking</p> <p>Test, Revision, Doubts Solving</p>