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Course: 602: e-Commerce and Cyber Security

Course Content	
	<p>Unit 1. Introduction to Electronic Commerce</p> <ul style="list-style-type: none">1.1 What is e-Commerce?1.2 Aims of e-Commerce1.3 e-Commerce Framework1.4 e-Commerce Consumer Applications1.5 e-Commerce Organizational Applications1.6 Introduction to m-Commerce <p>Unit 2. The Network Infrastructure of e-Commerce</p> <ul style="list-style-type: none">2.1. What is Information Way?2.2. Components of I-Way<ul style="list-style-type: none">2.2.1. Network Access Equipment2.2.2. Local on-ramps2.2.3. Global Information Distribution Network2.3. Transaction Models <p>Unit 3. e-Commerce Payments and Security Issues</p> <ul style="list-style-type: none">3.1. e-Commerce Payment Systems<ul style="list-style-type: none">3.1.1. Debit Card Based3.1.2. Credit Card Based3.1.3. Risks & EPS3.1.4. e-Cash and e-Cheque3.2. Security on Web3.3. SSL <p>Unit 4. Introduction to Cyber Crimes</p> <ul style="list-style-type: none">4.1 Category of Cyber Crimes4.2 Technical Aspects of Cyber Crimes<ul style="list-style-type: none">4.2.1 Unauthorized access & Hacking4.2.2 Trojan, Virus and Worm Attacks4.2.3 E-Mail related Crimes<ul style="list-style-type: none">4.2.3.1 E-mail Spoofing and Spamming4.2.3.2 E-Mail Bombing4.2.3.3 Denial of Service Attacks4.2.3.4 Distributed Denial of Service Attack



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Unit 5. Prohibited Actions on Cyber Crimes

- 5.1 Pornography
- 5.2 IPR Violations: Software piracy, Copyright Infringement, Trademarks Violations, Theft of Computer source code, Patent Violations
- 5.3 Cyber Squatting
- 5.4 Banking/ Credit card related crimes
- 5.5 e-Commerce / Investment Frauds
- 5.6 Defamation (Cyber Smearing)
- 5.7 Cyber Stacking

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