

**M. Com. Course (2019 Pattern) Semester: I**  
**Group – B (Commercial Laws & Practices)**  
**Subject - Information System and E-Commerce Practices**  
**Course Code - 105-I**

**Objectives of the course**

- a. To equip and train the students to accept the challenges of emerging Business World with advanced information Systems and emerging E-Commerce by practices.
- b. To analyze the advanced Commercial and business methods and processes in E-Commerce transactions.
- b. To develop independent logical thinking and facilitate personality development with the help of new information systems.
- c. To equip the students for seeking suitable emerging careers in management, entrepreneurship and E-Commerce activities.
- d. To study methods of Data collection and their interpretations.
- e. To develop among students Communication, Study and Analytical and interpretation skills.

**Depth of the Programme:** – Basic Knowledge with recent advancements and its applicability

**Objective of the Programme:**

- 1. To equip and train the students to accept the challenges of Business World by providing opportunities for study and analysis of advanced Commercial and business methods and processes.
- 2. To develop independent logical thinking and facilitate personality development of the business persons.
- 3. To equip the students for seeking suitable careers in management and entrepreneurship and E-Commerce transactions..
- 4. To study methods of Data collection and their interpretations in the field of E-Commerce practices.
- 5. To develop among students Communication, Study and Analytical skills with critical thinking.

<b>Unit No.</b>	<b>Unit Title</b>	<b>Contents</b>	<b>Purpose Skills to be developed</b>
1	<b>Introduction to Information Systems</b>	System Concepts, Information Systems Architecture, Definition of a system, Basic Components of a system, Elements and types of a systems, General Model of a system, The model of a Business system. Information systems supporting major business functions. Four major types of systems – Transaction Processing Systems, Management Information systems, Decision Support Systems and Executive Support systems	To understand the fundamentals/ Concept of Information systems and their components, hardware, software, communications networks, and data resources that collects data, transforms it, and disseminates information in a business environment.
2	<b>Introduction to E-Commerce</b>	Meaning and Definition of E-commerce, Benefits of E-Commerce to Businesses, Consumers and Society, Limitations of E-Commerce, Drivers of E-Commerce. Categories of e-Commerce- B2B, B2C, C2C, B2G and G2B. B2B applications, B2C applications and C2C applications.	To understand the concept in relation to business application like Document automation in supply chain and logistics, Enterprise content management, Conversational commerce: e-commerce via chat.
3.	<b>Inter organizational Information Systems and Internet</b>	Internet, Intranet and Extranet, Introduction, Role, benefits and structure of Inter organizational systems. Introduction to Electronic Data Interchange (EDI), Definition, benefits of EDI. EDI transactions and EDI Applications. Electronic Fund transfer. Introduction to Internet, Definition of Internet, Components of Internet, Services offered by Internet. Introduction to Intranet, Definition, advantages and disadvantages of intranet. Introduction to extranet and definition and applications of Extranet.	To understand the inter-organizational information system for managing inter-organizational activities of virtual organizations, extended enterprises, and trans-enterprise systems.

4.	<b>E-Commerce Supporting functions</b>	Purchase and sale Procedures, Supply Chain management, Value Chains in E-Commerce. Electronic Payment Systems, Authentication of payment, Mode of Payments E-Commerce Security. Security Requirements. Security Mechanisms-Encryption, Digital Signature, E-Certificate, Secure electronic transaction protocol. Problems in Taxing of E-Commerce	To equip the students with various E-Commerce functions, electronic payment systems and security mechanism to be followed while completing E-Transactions. Making students aware of significance of digital signatures and security mechanism.
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**\*All Acts are to be studied with recent amendments**

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