**Revised syllabus (2019 Pattern) B.Com. Degree course (CBCS) Syllabus for**

**First Year B.Com Semester – II**

**Subject Name: - Essentials of E- Commerce- II**

**Subject Code: - 116(A) - II**

**Objectives of the course :-**

1. To acquaint learners with electronic data interchange and its standards
2. To develop knowledge about e-commerce process and payment solution
3. To develop practical knowledge about security of e- commerce transactions
4. To help students understand traditional v/s electronic retailing

**Depth of the programme : Fundamental Knowledge**

| Unit No. | Unit Title | Contents | Skills to be developed |
|---|---|---|---|
| 1 | Electronic data interchange | Concept – types- merits-limitations of paper Brand Business, Area groups of business, Essential documents for EDE gawky electronic data interchange simile, Steps to start EDI, EDI standards, Types of EDI files, EDI & internet, Merits of EDI, Bottlenecks & limitations | 1. Conceptual understanding of Electronic Data Interchange, documentation and merits of EDI. |
| 2 | Commerce Process & Payment solution | Concept of payment solution – need, internet access solution- Areas of solution – solution provider , online commerce solution – essentials of good solution technology, standards for e-commerce, e-service, e-solution, e-business solution. Shopping cart – shopping cart software, Merchant account – Features –digital receipts for online payment, Payment system & devices, Cyber cash, features –utility, Credit card, smart card, features, utility, trades & securities, Internet currency | 1. Awareness about payment solutions, various payment methods and modern modes of digital payments. |

| Unit No. | Unit Title | Contents | Skills to be developed |
|---|---|---|---|
| 3 | E-commerce – security | Need of E-Commerce security, cybercrimes- resources of privacy- tampering – proxy server system, Encryption – types of security – security precautions – cryptogram – data encryption standards & certificate authority, Ensuring electronic security – e-locking services, Security caution in e-commerce – public key – infrastructure firewall – secure socket layer secure electronic transactions | 1. Understanding of E-Commerce security, precautions while using E-Commerce and methods & Process of E-Commerce security. |
| 4 | Business oriented E-Commerce | Features of B2B e-commerce, Business models, E-procedure, Virtual Market, Collaborative supply chain management, Intercompany integration, B2B e-commerce communication | 1. Technical knowledge about virtual market and other business to business e-commerce communication. |

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