

**JYOTI NIVAS COLLEGE AUTONOMOUS
SYLLABUS FOR 2018 BATCH AND THEREAFTER**

Programme: B.C.A

Semester: IV

E-COMMERCE

Course Code: 18EC

No. of Hours: 45

UNIT – I

08 HRS

Introduction, History, Types of E-commerce – inter organisational, intra organisational, customer to business, differences between E-Commerce systems and traditional systems, E-Commerce frameworks, Applications of E-commerce.

UNIT – II

10 HRS

EDI- Introduction and working of EDI, Costs and benefits , Components of EDI- EDI standards, EDI software, Communication of EDI messages, EDI implementation issues.

EPS- Introduction and types of Electronic payment systems, Digital token based EPS- E-cash,E-cheques, Smart cards- Credit card, debit card.

UNIT –III

12 HRS

E-Commerce Software

Introduction, Web hosting, Basic functions of ECS – Catalog display, Shopping cart, Transaction Processing, Middleware, Web Services – What Web Services Can Do,How Web Services Work, Integration with ERP Systems, Electronic commerce software for small and midsize companies- Basic Commerce Service Providers, Mall Style Commerce Service Providers, Estimated Operating Expense for a Small Web Business.

UNIT – IV

10 HRS

Network Security and Fire walls

Introduction, Client Server network security, emerging client-server security threats, Firewalls and Network security – Firewalls in Practice, IP-Packet screening routers, Data and message security- data security, message security(three types), Encryption – Introduction, Digital Signatures.

UNIT – V

05 HRS

Current trends in E Commerce

Electronic Wallets – paytm - paypal, cryptocurrency, online auctions, virtual communities, E-Marketing

REFERENCE:

1. Frontiers of Electronic Commerce: KalakotaWhinston Publisher: Pearson India : 1st edition (2008)
2. E Commerce Strategy, Technology & Implementation 12th Edition: Gary P Schnieder , Publisher: Cengage Learning (2017)
3. E Commerce The Cutting Edge of Business: Tata McGraw-Hill Publishing Company Limited, Kamlesh k Bajaj, Debjani Nag : 2nd edition (2005).