

**MAJOR BASED ELECTIVE II - E-COMMERCE**

**UNIT I :**

E-commerce-Electronic Commerce – E-Commerce types – E-Commerce and world at the large-E-Commerce Case studies : Intel , Amazon.

**UNIT II :**

Electronic Mail – The X.400 Message handling system –Internet Addresses – Multipurpose Internet Mail Extension – X.500 Directory Services – E-mail user agent.

**UNIT III :**

EDI- Costs and benefits – Components of EDI Systems – EDI implementation issues – EDIFACT – EDIFACT Message Structure.

**UNIT IV :**

Cyber Security – Cyber Attacks – Hacking- SSL - Authentication and assurance of data integrity – Cryptographic based solutions – Digital Signatures – VPN.

**UNIT V :**

Electronic Payment Systems – payment gateway – internet banking – the SET Protocol – E-cash – E-Cheque –Elements of electronic payments

**TEXTBOOK :**

“E-Commerce The Cutting Edge Of Business” 2-edition by  
Kamalesh k Bajaj ,Debjani Nag – Tata Mc Graw Hill

**REFERENCE BOOK :**

- 1)“Frontiers of e-commerce“ by Ravi Kalakota and Andrew B.Whinston –Pearson edu
- 2)“E-Commerce :Doing business through internet “ by S.Jaiswal – Galgotia pub -2001