

**Veer Narmad South Gujarat University, Surat**  
**Proposed Syllabus for Paper      - Computer Application II**  
**S.Y.BBA SEMESTER – IV**

- 1. Networking** **15%**
  - a. Concept
  - b. Components
  - c. Types of Network
  - d. Network Topology
  - e. Transmission Technology (Broadcasting, Point to Point)
  - f. Client Server Architecture
  
- 2. Internet** **35%**
  - a. Concepts of Internet, Intranet and Extranet
  - b. Uses of Internet in various fields
  - c. Address
    - i. IP Address
    - ii. Domain Name & DNS
  - d. Services:
    - i. WWW
    - ii. e-mail
    - iii. Chat
    - iv. BBS
    - v. Telnet
    - vi. Search Engine and Meta Search Engine
    - vii. Blog
    - viii. PING
  
- 3. e\_commerce** **35%**
  - a. Concept
  - b. Transactions of e\_commerce (B2B, B2C, C2B, C2C, B2E, G2B, B2G, G2G)
  - c. Difference between Traditional VS e\_commerce transactions
  - d. Benefits of e\_commerce
  - e. Limitations of e\_commerce
  - f. E\_payment Methods (e\_cash, e\_cheque, and e\_card)
  - g. Electronic Data Interchange
  - h. Supply Chain Management
  - i. Change Management
  - j. Business Process Reengineering
  
- 4. E\_security** **15%**
  - a. Cryptography
    - i. Symmetric Key
    - ii. Asymmetric Key (Public Key, Private Key)
    - iii. Digital Signature
  - b. Secure Electronic Transaction (SET)
  - c. Secure Socket Layer (SSL)

**Note:**

1. 6 Lectures per week: (From the above contents the practical oriented topics be covered up suitably in computer laboratory and assignments be given to the students based on the practical study)
2. Assignment Work should also include Static Web Site Designing using HTML Editor  
(Formatting, Tables, List, Form, Hyperlink, Images, Buttons, Frame)

**References:**

1. e\_commerce (Concepts, Models, Strategies)  
By C.S.V.Murthy, Himalaya Publishing House
2. How does Internet works:  
By Preston Gralla, Techmedia
3. E\_commerce- The cutting edge of business  
By Kamlesh K. Bajaj, Tala McGraw Hill Publishing Company Ltd.
4. Internet  
By Douglas E. Comer, PHI Private Ltd.
5. E. Commerce, a Managerial Perspective  
By P.T. Joseph, P.H.I. Publication