

**BACHELOR OF COMMERCE - SIXTH SEMESTER**  
**INTERNET AND E-GOVERNANCE**

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Code: SC 6.5

Contact Hours: 56

Credits: 4

Evaluation: Continuous Internal Assessment – **30 Marks**  
Semester-End Examination – **70 Marks**

Univ Code:

Work load: **4 hours per week**

**Objectives:**

**Pedagogy:**

**Module 1: Computer Networking:** Introduction, Communication concept, remote terminals, communication networks, LAN and WAN, Protocols and OSI model.

**Module 2: Internet:** Introduction, Objectives, network, TCP/IP, Client server model, E-mail, finger and top, USENET, news groups, internet programming WWW, Hyper Text, http, URL, HTML Programming.

**Module 3: E-Governance:** Introduction to E-Commerce, E-Commerce framework, anatomy of E-Commerce applications, NSFNET, Architecture and components, national research educational network, globalization of academic network, Internet Governance - The Internet society, an overview of Internet applications.

**Module 4: E-Security:** Client server network security, encrypted documents and E-Mail, architectural frame work for E-Commerce- WWW as architecture, hypertext Publishing, Electronic Data Interchange (EDI), Information based marketing advertising on the Internet.

**Module 5:** E-Governance applications in administration and planning.

**Recommended Books**

1. William A. Shay, Understanding Data Communications and Networks, 2<sup>nd</sup> Edition, Thomson Learning- V0ikas Publishing House (1998)
2. Ravi Kalkota and AndrecWhinston, Frontiers of Electronic Commerce, Addison Wesley (1998).
3. Shelling Powers et, al, Dynamic Web Publishing Tech. Media (1998).

4. Greenlaw and Hepp, Fundamentals of Internet and World Wide Web, Tata McGraw Hill (2001).
5. Bharat Bhasker, Electronic Commerce, Tata McGraw Hill (2003).
6. Kalakota and Whinston, Frontiers of Electronic Commerce, Pearson Education (2003).

**Practicals:**

Practical: 2Hrs/Week

I.A Max. Marks: 20

Practical assignments to gain hands on experience of internet Access, Searching the web, downloads, Web Design using HTML/XML.

**Note:** The Internal Assessment Marks (20 max.) shall be awarded by the concerned course teacher based on the two practical tests of 2 hours duration each conducted by him/her during the semester.