

### **306. COMPUTER APPLICATION - III**

**OBJECTIVE :** This course aims at adding to the existing knowledge of the student about computer application in the international business.

**LEVEL OF KNOWLEDGE :** Expert knowledge of microsoft windows and office.

**DETAILED SYLLABUS :**

Unit - 1

Computer Communication and Networks.

Method of data transmission : Communication media, amplitude and frequency modulation, modem, transmission modes and technologies, data communication. Multimedia network - definition, components and advantages, topology, MAC, ethernet, bluetooth networks - PSTN, PSDN, ISDN,

Unit - 2

Internet and Internet security

Security system of internet, overview of security, user accounts, passwords, security of internet work connection, security related problems, firewalls, cookies, computer viruses and its types, antivirus software, computer crimes and its types.

Unit - 3

WWW and E-Mail

E-mail - advantages, anatomy, basics of sending and receiving, e-mail protocols, components of e-mail message. E-mail programs : Clients, spamming, world wide web, history of growth, working of web, web browsers, "Surfing" the net, search engine, advanced search techniques, URL, web servers.

Unit - 4

Multimedia

Introduction to multimedia, impact of multimedia, multimedia technology and application multimedia - today and tomorrow, benefits and problems of multimedia, multimedia platforms, multimedia audio & video communication, multimedia - real world.

Unit - 5

HTML

Creating web pages with HTML, planning and designing web page, paragraphs, fonts and size attributes, changing the colour, lists, character formatting, inline images, external images, sounds, animations, building a web site.

**REFERENCES :**

Computer data processing system and analysis : V. K. Kapoor

'O' level - business system : Singh, Jain

Multimedia : Judith Jaff coate

Programming and problem solving : Harsha Priya - Ranjeet Ramalingam