

2 DCA 3 INTERNET AND WEB PAGE DESIGNING

1383

UNIT-I

Internet

- Evolution, Protocols, Interface Concepts, Internet Vs Internet, Growth of Internet, ISP, Connectivity - dial-up, Leased line, VSAT etc., URLs, Domain names, Portals, Application.

E-Mail

- Concepts, POP and WEB Based E-mail, merits, address, Basics of Sending & Receiving, E-mail Protocols, Mailing List, Free E-mail services.

UNIT-II

File Transfer Protocols, Telnet & Chatting

- Data Transmission Protocols, Client/Server Architecture & its Characteristics, FTP & its usages. Telnet Concept, Remote Logging, Protocols, Terminal Emulation. Message Board, Internet chatting - Voice chat, text chat.

UNIT-III

World Wide Web (WWW)

- History, Working, Web Browsers, Its functions, Concept of Search Engines, Searching the Web, HTTP, URLs, Web Servers, Web Protocols.

UNIT-IV

Web Publishing

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- Concepts, Domain name Registration, Space on Host Server for Web site, HTML, Design tools, HTML editors, Image editors, Issues in Web site creations & Maintenance, FTP software for upload web site.

UNIT-V

HTML

- Concepts of Hypertext, Versions of HTML, Elements of HTML syntax, Head & Body Sections, Building HTML documents, Inserting texts, Images, Hyperlinks, Backgrounds and Colour controls, Different HTML tags, Table layout and presentation, Use of font size & Attributes, List types and its tags.

Text & Reference Books :

- O level Module - M 1.2 - Internet & web page designing by V.K. Jain - BPB Publications.
- Internet for Everyone - Alexis Leon and Mathews Leon, Vikas Publishing House Pvt. Ltd., New Delhi
- Internet for Dummies - Pustak Mahal, New Delhi
- A Beginner's Guide to HTML available at - <http://www.ncsa.uiuc.edu/General/Internet/WWW/HTMLPrimerAll.html>

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COMPUTER LAB-II

Computer Applications and Programming Practicals Based on Subject 2DCA1 to 2DCA-3