

**Course: DCA Semester : II**

**Sub Code : 2DCA2 Subject Name : Internet and Web Page Designing**

### **UNIT-I**

Applications of Internet, History of Internet, What is Special about Internet, Advantages Threat and Limitation of Internet, World Wide Web (WWW) History. Uses of Internet, Services on Internet: Communication Service, Information Retrievals ,Web Service, World wide web, Video conferencing, Internet Uses in Entertainment, Education, Business.

### **UNIT-II**

**Internet** : Evolution, Protocols TCP/IP, HTTP, FTP, Telnet, Gopher, Internet Vs Intranet, Intranet Characteristics, Advantages, Drawback, Comparing Intranet with Groupware, Email, Client Server System, Growth of Internet, Internet Service Providers, Type of ISP Access ISP, Mail Box, Hosting, Transit, Virtual, Free. Services Provided by ISP.

Connectivity - Dial-up, Leased line, VSAT, Mobile, Hotspot, DSL, Cable, Satellite, Broadband URLs, Domain names, Portals, Applications.

**E-Mail:** Concepts, Basics of Sending & Receiving, E-mail, Free E-mail services. How E mail Works, Advantage of Using Email ,Email name and Address, Address Book ,File Attachments, Signature, Setting Priority, Replying and Forwarding Email, Spamming, Email Ethics.

### **UNIT-III**

Transfer Protocols: Telnet & Chatting: Telnet Concept, Telnet Model, Telnet Commands, Telnet for Client/Server Architecture, Characteristic, Remote Logging: How it works, Escaping From Remote Login, The Internet Remote Login Standard. FTP & its Usage: FTP Model, FTP Commands,How FTP works, Impact and Significance.

Internet chatting – Synchronous Asynchronous chat, Instant Messaging, Web Based chat, Voice chat, text chat.

#### **UNIT-IV**

Searching the Web, HTTP, URLs, Web Servers, Web Protocols. Web Publishing Concepts, Domain Name Registration, HTML: Introduction, Editors, How to Write and View Webpage Using HTML, Design Tools, Example HTML Editors, Image Editors: Need Example. Internet addressing, IP Address, Domain Name, URL, Various Services, Working, Web Browsers, Setting default browser, browser history, Privacy settings in Browser. Browser interface, Its function.

Concept of Search Engines, Web Directory, Internet Chat, Client server architecture, Characteristics, Services, Advantages Disadvantages.

#### **UNIT-V**

HTML Concepts of Hypertext, Versions of HTML, Elements of HTML Syntax, Tags, Open and Closed Tags, Head & Body Sections, Tags to Head and Body, Title Tag

Building HTML Documents, Working With Text Bold, Italic, Underline, Blink, Teletype, SuperScript, SubScript, Font, Paragraph, Aligning Text, Line Break, Inserting Images, Set Image Location, Height and Width, Hyperlinks : Linking Document, Linking of page Section, Target Attributes.

Backgrounds: HTML back ground with Image and Colors, Color Controls: Color Coding in HTML.

Different HTML Tags, Table Layout and Presentation: Table Heading, Cell Padding and Cell spacing, Colspan and Row Span, Table Height and Width, Table Heading, Table Caption,

Table Body Header and Footer. List types and its Tag : Ordered and Unordered List and Attributes.

**Text & Reference Book:**

*LEVEL MODULE - M 1.2 - INTERNET & WEB PAGE DESIGNING BY V.K.JAIN BPB PUBLICATIONS.*

*INTERNET FOR EVERYONE - ALEXIS LEON AND MATHEWS LEON, VIKAS PUBLICATIONS.*

*INTERNET FOR DUMMIES - PUSTAK MAHAL, NEW DELHI*

*A BEGINNER'S GUIDE TO HTML*

*[HTTP://WWW.NCSA.NINE.EDIT/GENERAL/INTERNET/WWW/HTML.PRMTER](http://www.ncsa.nine.edit/general/internet/www/html.prmter)*