

CORE COURSE – X – WEB – DESIGNING

UNIT I:

Introduction to Internet – Internet Access / Dial-Up Connection – Internet Services’ Features – TCP/IP Vs Shell Accounts – Configuring the Machine for TCP/IP Account – configuring the Shell Account – Telnet – Changing the Password – World Wide Web (WWW) – Web Page – Hyper Text – HTML tags – Net Surfing – Internet/Web Browsing – Browser – Internet Addressing – IP Address – Domain Name – Electronic Mail – Uniform Resource Locator (URL) – Internet Protocols – TCP/IP – FTP – HTTP – Telnet – Gopher – WAIS.

UNIT II:

Searching the Web – Web Index – Web Search Engine – Web Meta – Searcher – Search Functions – Search Engines – Meta Search Sites – Directories and Indexes – Specialized Directories – Electronic Mail (E-Mail) – E-Mail Message – Customizing E-Mail programs – Managing Mails – Zen of ‘E-mailing’ – Address Book – Signature Feature – File Attachment Facility – Setting priority – Advantages and Disadvantages of E-Mail.

UNIT III:

Introduction to HTML – HTML Code for Web Page – Web Page Basics – Set up a Web Page – Display a Web Page in a Web Browser – Start a New Paragraph – Start a New Line – Insert Blank spaces – Heading – Pre-format Text – Comment – Special Characters – Format Text – Emphasize – Superscript and Subscript – Font Style and Size – Color – Margins – Block Quote – Lists – Ordered List – Unordered List – Definition List – Images – Add an Image – Background Image – Border – Aligning the Image – Horizontal Rule – Use Images in List – Convert an Image to GIF or JPEG.

UNIT IV:

Links – Link to another web page – link within a web page – link to an image – link to a file –Email link – link to an FTP site – change link colors – create keyboard shortcuts – change the tab order – tables – create a table – add a border – caption – column groups – row groups – color – background images – aligning data – size of table – size of cell – span cells – cell spacing and cell padding – borders – text wrapping – nested tables.

UNIT V:

Sounds and videos – link to a sound – sound considerations – embedded sound – extended video – video considerations – internal video – introduction to forms – text box – large text area – check boxes – radio buttons – menu – upload files – submit and reset button – hidden field – organize form elements – label from elements – introduction to frames – creating frames – frame considerations – provide alternative information – link to a frame – scroll bars – resizing frames – frame borders – frame margins – nested framesets – inline frame.

TEXT BOOKS RECOMMENDED:

1. Alexis Leon & Mathews Leon, “Internet for Everyone”, Leon Tech World, Chennai.
2. Eric Kramer, “HTML”.
3. Kamallesh N. Agarwala, Amit Lal & Deeksha Agarwala, “Business of the net”.
4. John Zabour, Jeff Foust & David Kerven, “HTML 4 HOW-TO”.