

FUNDAMENTALS OF WEB DESIGNING

B.A. /B.Sc. (B.Z.COMPUTER APPLICATION) IV SEMESTER

Paper: IV

Max Marks: 80 T + 20 I + 20 P= 120

PPW: 6 (4T+2L)

Exam Duration: 3 Hrs

Objective of the course: The aim of this course is to provide the conceptual knowledge of web page design which enables the student to develop the skill of web page design

UNIT-I: Introduction to Basics of Internet: Concepts of Internet: Domain, IP Addressing, Resolving Domain Names, Overview of TCP/IP and its Services, WWW. Essential HTML: History of HTML- Creating a Web page-viewing a web page-checking your webpage- Working with Text: Formatting with HTML tags-Physical HTML Styles-Logical HTML Styles-Setting fonts-Headings Dynamic HTML-Introduction of DHTML- HTML vs. DHTML, Advantages of DHTML, CSS of DHTML, Event Handling, Data Binding, Browser Object Models

UNIT-II: Presenting and Arranging Text: Arranging Text- Using <DIV> and - Using layers- More Formatting power- Preformatting Text - Exposure to Various Tags (DIV, MARQUEE, NOBR,DFN, HR, LISTING, Comment, IMG), Color and Background of Web Pages. Lists and their Types.

Working with Images: Images in Web Pages — Graphic formats — Graphic programs and resources-using clipart — Graphics color — Creating images ~Attributes of Image Tag

UNIT-III : Links and Lists: Creating Hyperlinks — All about URLs — Creating Image Maps — Creating Lists— Creating Tables: The parts of a Table — Creating a Table — Adding a Border - Padding your cells — Widening the cell spacing — Aligning your data Horizontally - Aligning your Data vertically - Spanning columns — Spanning rows — Setting colors

Unit-IV: Working with Frames: To Frame or Not to Frame- Creating Horizontal Frames —Creating Horizontal and Vertical Frames — Named Frames — opening new browser windows. Working with Multimedia: Multimedia sound — Multimedia video — Multimedia 3D — Creating your own Multimedia — Connecting to External Multimedia files — Creating inline sound-Creating inline video.

UNIT-V: Working with Style sheets: What are Style sheets all about? — External Style sheets - Embedded Style sheets — Inline Styles — Creating Style Classes — Cascading Styles — Organizing Styles — Understanding Style specifications-Essential XML: What does XML Look Like?- Valid and Well Formatted XML Documents — XML Document Type Definitions — XML Schemas — XML in Browser.

SUGGESTED READINGS:

- 1) HTML 4.0 BLACK BOOK By Steven Holzner, dreamtech Press
- 2) The Complete Reference by Thomas Powell

Computer lab- Practical Question Bank

1. Create a Web Page which Show different level of Heading and Set background color as Yellow.
2. Create a web page with various text formatting tags (Bold, Italic, Underline, Small and Big)
3. Write a program to change the font face, color and size using font tag.
4. Write program for presenting address.
5. Create a web page with various attributes of DIV and SPAN tags.
6. Create a web page and present the format as shown using PRE tag.

<u>HTNO</u>	<u>NAME</u>	<u>CLASS</u>
1	RAMU	BSC
2	SEENU	BSC
3	HARI	BSC
4	SHANKAR	BSC

7. Write a program to scroll text SATAVAHANA UNIVERSITY :: KARIMNAGAR. Left to Right with background color PINK.
8. Write a program to use NOBR and DFN tags
9. Write a program to create ordered list of vegetables
10. Write a program to create unordered list of fruits
11. Write a program for nested list
12. Create a webpage and insert an image with width 500 And height 300 with border color as Red, give the title as IMAGE.
13. Write a program for creating hyperlink to open a document
14. Write a program to display the images with different sizes using hyperlinks.
15. Create a web page with five popular web site hyperlinks with background as image, title as POPULAR LINKS.
16. Write a program to create table column spanning with center alignment

SATAVAHANA UNIVERSITY	
KARIMNAGAR	TELANGANA

17. Write a program to create the table as shown.

SNO	NAME	MARKS
1	SRINIVAS	200
2	RAMARAO	300
3	SATEESH	300
4	HAREESH	400

18. Write a program to create table row spanning with various alignment

SATAVAHANA UNIVERSITY	KARIMNAGAR
	TELANGANA

19. Write a program to create the table as shown and set colors

SNO	NAME	MARKS
1	RAVI	200
2	SHEKAR	300
3	RAJESH	300
4	RAGHU	400

20. Create a web page which shows vertical frame set with different documents. Use frame column set as 25%50%25%.

21. Create a web page which shows horizontal frame set with 3 different documents. Use frame column set as 25%50%25%.

22. Create a web page with mixed framesets rows and columns.

23. Create a web page which plays an mp3 file when open file

- a) Give header as "AUDIO PLAYER" in pink color
- b) Give background color as yellow

24. Write a program to create external style sheet.

25. Write a program to create embedded style sheet.
