



Teaching and Examination Scheme:

| Teaching Scheme | | | Credits | Examination Marks | | | | Total Marks |
|-----------------|---|---|------------------------|--------------------------|------------------------------------|-----------------------------------|---|-------------|
| L | T | P | | Theory | | Practical | | |
| | | | University exams (ESE) | Internal evaluation (PA) | External Practical /viva Exam(ESE) | Internal Practical /viva Exam(PA) | | |
| 3 | - | - | 3 | 50 | - | - | - | 50 |

L- Lectures; T- Tutorial/Teacher Guided Student Activity; P- Practical; C- Credit; ESE- End Semester Examination; PA- Progressive Assessment

Content:

| Sr. No. | Practical / Hands on Exercise | Hrs. |
|---------|--|------|
| 1 | UNIT-I Introduction to HTTP, HTML, Basic HTML Tags, Body Tags, Coding Style, Modifying & formatting Text, Lists –Unordered, Ordered, Definition, Insert Links -Linking to another Document, Internal Links, Email Links, Relative and Absolute Links, Insert Images -Referencing Images, Clickable Images, Image Placement and Alignment, Image Size, Image Margins, Image Formats, Image Maps-Defining an Image Map, Advanced Coloring Body Content, Working with tables -Basic Tables, Table Attributes, Table Cell Attributes, Table Row Attributes, Tables Inside of Tables, Invisible Spacers, Working with Frame-Based Pages-Creating Windows, Single Window Frames, Creating Column Frames, Creating Row Frames, Creating Complex Frames. | 10 |
| 2 | UNIT-II Cascading Style Sheet (CSS) –Introduction, creating style, using inline and external CSS, Creating Divs with ID style, Creating Tag& Class style, creating borders, Navigation links, creating effects with CSS. JavaScript –Introduction, use of JavaScript in webpages. Understand JavaScript event model, use some basic event and control webpage behavior. | 10 |
| 3 | UNIT-III DESIGNING WEBSITES WITH DREAMWEAVER/EXPRESSION Web/AMAYA/COFEE CUP WYSIWYG HTML Editor -Introduction to WYSIWYG HTML editor, advantages of using HTML editors, Creating a New Site, Creating a New Page, Adding Images with Alternate Text, Inserting & Formatting Text, Aligning Images, Creating an Email Link, Linking to Other Websites, Testing & Targeting Links, Organizing Files & Folders CREATING & INSERTING IMAGES -Optimizing Images for the Web, Saving GIFs & PNGs in Photoshop, Inserting GIFs, Adjusting Transparency Settings, Saving JPGs for the Web | 8 |
| 4 | UNIT-IV DESIGNING ACCESSIBLE TABLES -Understanding Tables & Accessibility, Using Tables for Tabular Data, styling a Table, Editing Table Layouts, Adding Style to a Table | 8 |



| | | |
|---|---|----|
| | Using CSS CREATING WEBSITES WITH FRAMES -Introducing Frames, creating a Frameset, Opening Pages into Frames, Controlling Scrollbars & Borders, Targeting Links in Frames CUSTOMIZING THE INTERFACE -Opening an Existing Site, Reviewing Menu Options & Preferences, Comparing the Macintosh & PC Interfaces, Previewing in Browsers & Device Central Introduction to Responsive Web Designing – Introduction, advantages, creating and using responsive web pages. | |
| 5 | UNIT-V Web Hosting -What is Domain? Introduction to DNS, how to register a Domain? What is web hosting? How to get a web hosting? Host your website on web Server. FTP -FTP Introduction, FTP Commands Viewing Files and Directories, FTP Commands Transfer and Rename files, FTP with WS FTP/ CuteFTP, Filezilla on Windows. | 6 |
| | Total | 42 |

Suggested Specification table with Marks (Theory):

| Distribution of Theory Marks | | | | |
|------------------------------|---------|---------|---------|---------|
| R Level | U Level | A Level | N Level | E Level |
| 5 | 25 | 25 | 10 | 5 |

Legends: R: Remembrance; U: Understanding; A: Application, N: Analyze and E: Evaluate and above Levels (Bloom’s Taxonomy)

Reference Books:

1. Developing Web Applications, Ralph Moseley and M. T. Savaliya, Wiley-India
Introduction to Information Technology by Turban, Rainer, Wiley
2. Web Technologies, Black Book, dreamtech Press
3. HTML 5, Black Book, dreamtech Press
4. Head First jQuery, Ryan Benedetti and Ronan Cranley O’Reilly Media

Course Outcomes:

After completion of the course students will be able to

1. Describe the concepts of web design.
2. List the various HTML tags and use them to develop the user friendly web pages.
3. Define the CSS with its types and use them to provide the styles to the web pages at various levels.
4. Use the JavaScript to develop the dynamic web pages.
5. Use the jQuery to understand various events.
6. Use of XML to understand web designing.