

| Subject Code | Subject Name | Category | L | T | P | S | Credits | Inst. | Marks | | |
|-------------------------|---|----------|---|---|---|---|---------|-------|-------|----------|--------------------------|
| | | | | | | | | | CIA | External | Total |
| 23BCA1S1 | WEB DESIGNING | SEC-I | 2 | - | - | - | 2 | 2 | 25 | 75 | 100 |
| Course Objective | | | | | | | | | | | |
| CO1 | Understand the basics of HTML and its components | | | | | | | | | | |
| CO2 | To study about the Graphics in HTML | | | | | | | | | | |
| CO3 | Understand and apply the concepts of XML and DHTML | | | | | | | | | | |
| CO4 | Understand the concept of Java Script | | | | | | | | | | |
| CO5 | To identify and understand the goals and objectives of the Ajax | | | | | | | | | | |
| Details | | | | | | | | | | | No. of Hours |
| UNIT I | HTML: HTML- Introduction-tag basics–page structure–adding comments working with texts, paragraphs and line break. Emphasizing test-heading and horizontal rules-list-font size, face and color-Alignment links-tables-frames. | | | | | | | | | | 6 |
| UNIT II | Forms & Images using Html: Graphics: Introduction-How to work efficiently with images in web pages, image maps, GIF animation, adding multimedia, data collection with html forms text box, password, list box, combo box, text area, tools for Building web page front page. | | | | | | | | | | 6 |
| UNIT III | XML & DHTML: Cascading style sheet (CSS)-what is CSS-Why we use CSS-adding CSS to your webpages-Grouping styles-extensible markup language (XML). | | | | | | | | | | 6 |
| UNIT IV | Dynamic HTML: Document object model (DCOM)-Accessing HTML & CSS through DCOM Dynamic content styles & positioning-Event bubbling-data binding. JavaScript: Client-side scripting, What is Java Script, How to develop Java Script, simple Java Script, variables, functions, conditions, loops and repetition, | | | | | | | | | | 6 |
| UNIT V | Advance script, Java Script and objects, Java Script own objects, the DOM and web browser environments, forms and validations. | | | | | | | | | | 6 |
| Total | | | | | | | | | | | 30 |
| Course Outcomes | | | | | | | | | | | Programme Outcome |
| CO | On completion of this course, students will | | | | | | | | | | |
| 1 | Develop working knowledge of HTML | | | | | | | | | | PO1, PO3, PO6, PO8 |
| 2 | Ability to Develop and publish Web pages using Hypertext Markup Language (HTML). | | | | | | | | | | PO1, PO2, PO3, PO6 |
| 3 | Ability to optimize page styles and layout with Cascading Style Sheets (CSS). | | | | | | | | | | PO3, PO5 |
| 4 | Ability to develop javascript | | | | | | | | | | PO1, PO2, PO3, PO7 |
| 5 | An ability to develop web application using Ajax. | | | | | | | | | | PO2, PO6, PO7 |

| TextBook | |
|------------------------|--|
| 1 | PankajSharma,-WebTechnology,SkKataria&SonsBangalore2011. |
| 2 | MikeMcgrath,-JavaScript,DreamTechPress2006,1 st Edition. |
| 3 | AchyutSGodbole&AtulKahate,-WebTechnologies,2002,2 nd Edition. |
| Reference Books | |
| 1. | LauraLemay,RafeColburn,JenniferKyrnin,-MasteringHTML,CSS&JavaScriptWeb Publishing,2016. |
| 2. | DTEditorialServices(Author),-HTML5BlackBook(CoversCSS3,JavaScript,XML, XHTML,AJAX,PHP,jQuery),Paperback2016,2 nd Edition. |
| 1. | NPTEL&MOOCcoursestitledWebDesign and Development. |
| 2. | https://www.geeksforgeeks.org |

Mapping with Programme Outcomes:

| CO/PSO | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 |
|--|----------|----------|----------|----------|----------|----------|
| CO1 | 3 | 3 | - | 2 | 1 | 1 |
| CO2 | 3 | 3 | - | 2 | - | 1 |
| CO3 | 3 | 3 | - | 2 | 2 | 1 |
| CO4 | 3 | 3 | - | 2 | - | 1 |
| CO5 | 3 | 3 | 3 | 2 | - | 1 |
| Weightage of course contributed to each PSO | 15 | 15 | 3 | 10 | 3 | 4 |

S-Strong-3 M-Medium-2L-Low-1