

Branch: BCA	Semester-I
Subject Code: 1202	Lecture: 02 Credit: 02
Course Opted	Core Course-2 (Practical)
Subject Title	WEB PROGRAMMING LAB

Course Objectives:

- To develop web applications using client-side scripting, server-side scripting, and database connectivity.

Course Outcomes:

- To design web pages using HTML5 language, applying stylish information to web pages using CSS.
- To develop interactive web pages using JavaScript.
- To develop dynamic pages on the web server using PHP language and implement Database Driven Websites.
- To develop and implement client-side and server-side scripting language programs

Module	Sr. No.	Topic and Details	No. of Lectures Assigned	Marks Weightage
UNIT-I	1.	Use of Basic Tags, Image maps, Tables, Forms and Media Design webpages using the given tools inHTML Navigation, Section & Articles, Footer, aside and more. Organizing Text in HTML, Links and URLs in HTML, Tables in HTML, Images on a Web Page, Image Formats, Image Maps, Colors, FORMs in HTML, Frames in HTML Interactive Elements, Working with Multimedia - Audio and Video File Formats, HTML elements for inserting Audio / Video on a web page	12	25
UNIT-II	2.	CSS Syntax of CSS, CSS Selectors, Inserting CSS in an HTML Document, CSS properties to work with background of a Page, CSS properties to work with Fonts and Text Styles, CSS properties for positioning an element	5	10
UNIT-III	3.	Java Script Control and looping statements and Java Script reference Using JavaScript design, a web page; Control Flow Statements, Design a web page demonstrating different conditional statements.Design a web page demonstrating different looping statements; Popup Boxes, Core JavaScript (Properties and Methods of Each) : Array, Boolean, Date, Function, Math, Number, Object, String, regExp, Events and Event Handlers	5	10

UNIT-IV	4.	PHP & SQL Demonstrate program in PHP, Installing PHP, SQL, Adding PHP to HTML, Syntax and Variables, Passing information between pages.	3	5
TOTAL			25	50

Text Book :

1. Web Programming, Guy W. Lecky Thompson, 2009, Cengage Learning

Reference Books:

1. Web Design The complete Reference, Thomas Powell, Tata McGrawHill
2. HTML and XHTML The complete Reference, Thomas Powell, Tata McGrawHill
3. JavaScript 2.0 : The Complete Reference, Second Edition by Thomas Powell and Fritz Schneider
4. PHP : The Complete Reference By Steven Holzner, Tata McGrawHill