

Course Code	Course Name	Course Type	Cd	L	T	P	Marks		
							Internals	Final Exam	Total
BCAMI-109	Web Technologies Lab	Minor	2	0	0	4	50	-	50

Course Outcomes

At the end of the course the student will be able to	
CO1	Demonstrate an understanding of designing a web page using HTML.
CO2	Develop web pages using DHTML and Cascading Styles sheets.
CO3	Develop dynamic web pages using JavaScript (client-side programming).
CO4	Develop dynamic web pages using database connectivity.
CO5	Develop an interactive web application using PHP.

List of Activities for Web technologies Lab

S. No	Activities
1	Create an HTML document with the different formatting options i.e., Bold, Italics, Underline, Headings (Using H1 to H6 heading styles)
2	Create an HTML document with the different, Font (Type, Size and Color), Background (Colored background/Image in background), Paragraph, Line Break, Horizontal Rule, Pre tag
3	Create an HTML document which consists of: Ordered List, Unordered List, Nested ordered and/or unordered List and Image
4	Create an HTML document which implements Internal linking as well as External linking
5	Create a table using HTML demonstrating use of columns and rows, merging multiple rows and/or columns etc. With data and image values and contents with hyperlinking
6	Create HTML documents having multiple frames in different possible formats/organization
7	Design a bio data form using form and controls in HTML
8	Implementation of CSS selectors <ul style="list-style-type: none"> • Implementation of Inter CSS • Implementation of External CSS
9	Program in JavaScript to check given no is even or odd
10	<ul style="list-style-type: none"> • Program to calculate factorial of a no • Program to generate series from 1 to 10
11	<ul style="list-style-type: none"> • Implementation of inbuilt String functions in JavaScript • Implementation of inbuilt Mathematical functions in JavaScript
12	<ul style="list-style-type: none"> • Implementation of Arrays in JavaScript • Implementation of Strings
13	Implementation of alert and input functions
14	Implementation of events in JavaScript
15	<ul style="list-style-type: none"> • Create an XML document with the following sample real estate data ▪ Root element real-estate will contain a sequence of sub-elements agencies, owners, properties and flats, all with an empty content.

	<ul style="list-style-type: none">• Create an internal DTD for the XML document.• Move the previous DTD to an external file and validate the XML document.
16	Create a PHP page using functions for comparing three integers and print the largest number.
17	Create a PHP page which accepts string from user. After submission that page displays the reverse of the provided string.
18	Write a PHP script that removes the whitespaces from a string. Sample string: 'The quick " " brown fox'
19	Create a login page having username and password. On clicking submit, a welcome message should be displayed if the user is already registered (i.e.name is present in the database) otherwise error message should be displayed.
20	Using switch case and dropdown list display a —Hello message depending on the language selected in drop down list.