**Web Programming Technologies**

**Lab**

**Session 1:**

1) Create HTML page displaying your resume / CV

**Session 2:**

2) Create a HTML form for building your resume /CV.

**Session 3:**

3) Apply inline, internal, and external CSS to change colors of certain text portions, bold,

underline, and italics certain words in the previously created HTML page displaying resume.

**Session 4:**

4) Write a JavaScript program to Find biggest of three numbers

5) Write a JavaScript program to get current date

6) Write a JavaScript program to Calculate average of numbers in an Array

7) Write a JavaScript program to Reverse an array

8) Write a JavaScript program to Sort an array in ascending order

9) Write a JavaScript program to Convert char Array to String

10) Write a JavaScript program to Add two Matrix using Multi-dimensional Arrays

11) Write a JavaScript program to Sort strings in alphabetical order in an Array

12) Write a JavaScript program to Find out the highest and lowest numbers in an array

13) Write a JavaScript program to Concatenate two arrays

14) Write a JavaScript function to extract a specified number of characters from a string

15) Write a JavaScript function to split a string and convert it into an array of words.

**Session 5:**

16) Write a JavaScript program to sort a list of elements by implementing a sorting algorithm.

**Session 6:**

17) Write a JavaScript program to list the properties of a JavaScript object.

**Session 7:**

18) Write a JavaScript function to get First and Last name from the previously created Resume

form

19) Validate the entire Resume form using client-side JavaScript

**Session 8:**

20) Write a JavaScript function to validate whether a given value is RegEx or not.