WEB TECHNOLOGIES LAB (0:0:3)

Sub Code : IS6L01 **CIE : 25 Marks**
Hrs/week : 03 **SET : 25 Mark**
SET Hrs : 03 **Max. Marks: 50**

List of Programs:

1. Develop and demonstrate a XHTML document that illustrates the use of external style sheet, ordered list, table, borders, padding, color, and the tag.
2. Develop and demonstrate a XHTML document that illustrates the use of internal style sheet, unordered list, table, borders, padding, color, and the tag.
3. Develop and demonstrate a XHTML file that includes JavaScript for the following problems:
   a. Input: A number n obtained using prompt
      Output: The first n Fibonacci numbers
   b. Input: A number n obtained using prompt
      Output: A table of numbers from 1 to n and their squares using alert
4. Develop and demonstrate a XHTML file that includes JavaScript script that uses functions for the following problems:
   a. Parameter: A string
      Output: The position in the string of the left-most vowel
   b. Parameter: A number
      Output: The number with its digits in the reverse order
5. Develop and demonstrate, using JavaScript, a XHTML document that collects the USN (the valid format is: A digit from 1 to 4 followed by two upper-case characters followed by two digits followed by two upper-case characters followed by three digits; no embedded spaces allowed) of the user. Event handler must be included for the form element that collects this information to validate the input. Messages in the alert windows must be produced when errors are detected.
6. Design an XML document to store information about a student in an engineering college. The information must include USN, Name, Name of the College, Brach, Year of Joining, and e-mail id. Make up sample data for 3 students. Create a CSS style sheet and use it to display the document.

7. Design an XML document to store information about a student in an engineering college. The information must include USN, Name, Name of the College, Brach, Year of Joining, and e-mail id. Make up sample data for 3 students. Create an XSLT document for one student element of the above document and use it to create a display of that element.

8 a. Write a PHP program to display various Server Information like Server Name, Server Software, Server protocol, CGI Revision etc.

b. Write a PHP Program to accept three no.s from command prompt and find the largest number using functions.

9 a. Write a PHP program to accept the User Name and display a greeting message randomly chosen from a list of 4 greeting messages.

b. Write a PHP program to keep track of the number of visitors visiting the web page and to display this count of visitors, with proper headings.

10 a. Write a PHP program to store current date-time in a COOKIE and display the 'Last visited on' date-time on the web page upon reopening of the same page.

b. Write a PHP program to store page views count in SESSION, to increment the count on each refresh, and to show the count on web page.

11. Create the form below using an HTML. User should click on the *Submit* button after entering first name and last name in the respective text boxes. The text entered must be sent via the "GET" method. Write a PHP code to display "Welcome" message with the First Name and Last Name received.

12. Create the form below using an HTML. User should click on the *Register* button after entering the details like Name, USN, E-mail id in the respective text boxes. The entered details must be sent via the "POST" method. Write a PHP code to display "Successfully registered" message with the Name and USN received.