Course Code	Course Title						Core/Elective
PC632IT	**WEB APPLICATION DEVELOPMENT LAB**						Core
Prerequisite	Contact hours per week				CIE	SEE	Credits
	L	T	D	P			
-	-	-	-	2	**25**	**50**	**1**

Course Objective:
➢ To develop web pages using HTML tags and perform validation using scripting
➢ To implement various types of styling using CSS and transform data into various forms
➢ To implement applications using JQuery and Angular JS
➢ To understand and implement the concepts of MEAN Stack and SMACK stack

Course Outcomes:
Student will able to
➢ Design Web pages and perform form validation using HTML 5.0 inbuilt functions.
➢ Apply Styles to the web content using CSS.
➢ Create and process web publishing content using XML and JSON.
➢ Use JQuery to perform client side Dynamics.
➢ Create single page applications (Front End) using Angular JS.
➢ Design Big data applications using Mean stack or SMACK stack Frameworks.

List of Experiments:
     a. Implement Basic HTML Tags
     b. Implement Table Tag
          i. Implement FRAMES
     c. Design a form in HTML (CV/Photos/Data Storage/Publish)
          i. Validation of form Using Java Script.
     d. Implement various types of CSS.
     e. Display the various forms of XML document

       i. Raw XML   ii. XML using CSS   iii. XML using XSLT
     f. Using JQuery implement the following:
          i) Selecting Elements, Getting Values, and Setting Values.
           ii) Events
     g. Using angular JS implement the following
          i) Input Validation
          ii) Backend building
     h. Case study on i) MEAN Stack ii) SMACK Stack