



KONGU ENGINEERING COLLEGE



(Autonomous)

PERUNDURAI, ERODE 638060

School of Communication and Computer Sciences

Department of Computer Science and Engineering

LABORATORY MANUAL

(As per KEC Autonomous Curricula and Syllabi – R2014)

14ITL52

WEB TECHNOLOGY LABORATORY

V SEMESTER B.E- CSE



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WEB TECHNOLOGY LABORATORY

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14ITL52 WEB TECHNOLOGY LABORATORY

(Common to CSE and IT branches)

Objective:

- To understand the basics of HTML
- To design web pages using JavaScript, CSS, PHP and AJAX

LIST OF EXPERIMENTS/EXERCISES

1. Design a Web Page Using HTML Tags and host it in WebServer
2. Create a XHTML document to implement types of CSS
3. Design a Web Page with menu layout. Apply the various formatting CSS
4. Design a registration page to create email-id validate the information in the web page using JavaScript
5. Write a JavaScript program to use Objects and Collections
6. Design a Web page to create simple interactive CGPA calculator
7. Create a website to load the content dynamically using AJAX
8. Create a Website for student mark maintenance system using PHP and MySQL
9. Create a Website to illustrate Session Tracking in PHP
10. Develop and display online reservation system using JavaScript, CSS, AJAX, PHP, MySQL with Session Tracking

REFERENCES/ MANUALS/ SOFTWARE

1. PHP
2. MySQL
3. Apache WebServer
4. IIS and Browser

COURSE OUTCOMES:

On completion of the course the students will be able to

- Design web pages using HTML and Java Script and deploy it in a web server
- Validate the HTML form data using Java script
- Develop and deploy web application with database connectivity

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EXP. NO.	LIST OF EXPERIMENTS	CO mapping	PAGE NO.
1.	DESIGN A SIMPLE WEB PAGE USING BASIC HTML TAGS	CO1	5
2.	DESIGN A WEB PAGE USING HTML AND CSS	CO1	16
3.	DESIGN A WEB PAGE WITH MENU LAYOUT USING SUITBALE HTML TAGS AND CSS PROPERTIES	CO1	29
4.	DESGIN A WEB PAGE TO DEMONSTRATE THE PURPOSE OF PAGE STRUCTURE ELEMENTS	CO1	35
5.	DESIGN A REGISTRATION PAGE TO CREATE EMAIL-ID AND VALIDATE THE INFORMATION IN THE WEB PAGE USING JAVA SCRIPT	CO2	48
6.	DEVELOP INTERACTIVE WEB PAGES USING JAVASCRIPT EVENT-HANDLING MECHANISMS	CO1	55
7.	DESIGN SIMPLE WEB PAGES TO SHOW THE PURPOSE OF JAVASCRIPT OBJECTS AND COLLECTIONS	CO1	89
8.	DESIGN AN ONLINE INTERACTIVE CGPA CALCULATOR	CO1	101
9.	DEVELOP A WEB PAGE TO IMPLEMENT AUTOCOMPLETION OF A TEXT FIELD UISNG AJAX & PHP	CO1	113
10.	DATABASE CONNECTIVITY FOR EMPLOYEE DETAILS USING PHP	CO3	118
11.	USER SIGNIN FORM USING SESSION TRACKING	CO3	122
12.	DEVELOPING ONLINE RESERVATION SYSTEM USING JAVASCRIPT, CSS, AJAX, PHP,MYSQL WITH SESSION TRACKING	CO3	130