

Universal College Of Engineering, Vasai (E).



Department

Of

Computer Engineering

**Web Design Lab**

**Lab manual**



Universal College Of Engineering, Vasai (E).

**DEPARTMENT OF COMPUTER ENGINEERING**

Lab Manual for the Academic Year 2020-21

(In accordance with Mumbai university syllabus)

SUBJECT : Web Design Lab

SUBJECT CODE : CSL504

SEMESTER : V

BRANCH : Computer Engineering

Subject In-charge

John Kenny

**DEPARTMENT OF COMPUTER ENGINEERING**

**Vision:** To be recognized globally as a department provides quality technical education that eventually caters to helping and serving the community

**Mission:** To develop human resources with sound knowledge in theory and practice of computer science and engineering To motivate the students to solve real-world problems to help the society grow To provide a learning ambience to enhance innovations, team spirit and leadership qualities for students

**Web Design Lab**

Name of the student:

Class:

Sem:

Roll No:

Batch :

**CSL504**

Web Design Lab

**Lab Outcome:**

After successful completion of this course student will be able to:

1. Understand the core concepts and features of Web Technology
2. Design static web pages using HTML5 and CSS3
3. Apply the concept of client side validation and design dynamic web pages using JavaScript and JQuery.
4. Evaluate client and server side technologies and create Interactive web pages using PHP , AJAX with database connectivity using MySQL.
5. Understand the basics of XML, DTD and XSL and develop web pages using XML / XSLT
6. Analyze end user requirements and Create web application using appropriate web technologies and web development framework

**Term Work**

1. Total 25-Marks (Experiments: 10-marks, Attendance: 05-marks, Mini Project: 10-marks)

**Oral and Practical Exam**

1. Based on the entire syllabus of CSL 504: **Web Design Lab**

**INTRODUCTION**

This manual is organized in such a way that the students can directly use it in the laboratory. Each laboratory exercise comprises of

**1. Statement of the problem (Aim)**

**2. Theory**

**3. WDL code**

**4. Output**

**5. Conclusion**

**LIST OF LAB EXERCISES:**

|  |  |  |
| --- | --- | --- |
| **Sr No** | **Name of the program** | |
| 1. | Explain in detail various steps to install and run a .html file using LAMP/XAMP/WAMP server |
| 2. | Create a detailed resume, provide links for all your social media accounts . Use tables ,frames, hyper links in designing your detailed resume |
| 3. | Create a e-commerce website by using HTML, CSS and JAVA SCRIPT |
| 4. | Using php and mysql perform the following operations 1. Create 2. Read 3.Update 4. Delete |
| 5. | Using php and mysql develop a fully functional login and registration form. Add features such as forgot password and password matching |
| 6. | Implement search functionality using Php and ajax |
| 7. | Create a web application using laravel framework. The web application should contain laravels user registration process |
| 8. | Experiment 8 (a) : Write a java program to illustrate the use of simple inheritance  Experiment 8 (b) : Write a java program to illustrate the use of multi level inheritance by using Bank class as an example. The bank class should consist of rateofIntrest() as a method |
| 9. | Host the web application created in Exp 8 using Domain Registration Process. |
| 10. | Mini Project: |

**Experiment 1**

**AIM:** Explain in detail various steps to install and run a .html file using LAMP/XAMP/WAMP server

**THEORY:**

**PROGRAM:**

**OUTPUT:**

**CONCLUSION**