**List of Experiments for the Lab**

**HTML, CSS and Javascript:**

1. Develop a web page to display your class time table in tabular format. The following points must be fulfilled:
   1. All same subjects must have same background color.
   2. LUNCH should be displayed vertically.
   3. The table must be oval shaped.
   4. The caption of the table should be displayed in the bottom centre of the table.
2. Develop a registration form using at least 10 fields and a submit button. Apply following validations to the form:
   1. All fields are mandatory.
   2. Password and Confirm password must match.
   3. Mobile Number must be of exactly 10 digits.
   4. Email Id must be in regular format.
3. Develop a web application using HTML, CSS and Javascript to implement a graphical calculator which performs only addition, subtraction, multiplication and division.
4. Develop a web application using HTML and Javascript to find and display largest among three numbers, when the numbers are entered by the user through Pop up boxes.
5. Create a login form with two text fields called “login” and “password”. When user enters “Web” as a user name and “Technology” as a password it should get a welcome message through an alert box. If there is a mismatch, display an error message.

**PHP basic programs**

1. Write a program in PHP to display the table of a number on the browser.
2. Write a program in PHP to display all prime numbers that are less than a given number.
3. Write a program in PHP to display string length, string reversal and conversion to uppercase and conversion to lowercase of the given string.
4. Write functions in PHP to swap two integer values using call by value and call by reference.
5. Write a PHP program that creates a file and write contents to it. After closing the file, reopen it and append some data to it.

**PHP Object Oriented Programming**

1. Write a PHP code that defines a class Student with attributes RollNo, Name, Branch, and Year. Create 3 instances of it, sets the values of each instance appropriately and print the values of all attributes.

**PHP Form Handling and session management**

1. Develop a web application using PHP that takes the name and gender of a user through a form and displays a welcome message as per the user’s gender. For example, if the user enters the name as X and gender as male, the page should display Welcome Mr. X.
2. Develop a web application using HTML and PHP to display a food menu form to choose the food items to be ordered. Generate the bill when the user has chosen some/all items from the given items. Discount @10% is allowed if the bill amount exceeds Rs. 1000.
3. Develop an application using HTML and PHP that displays a form in three consecutive pages one after the other taking different data from the user and display all data entered in tabular format to the user.

**PHP Form Handling and connectivity with MySQL**

1. Develop an application in PHP that displays all values stored in the database in a tabular format.
2. Develop an application in PHP that registers the user through a registration form storing the details in the database.
3. Develop an application in PHP that displays a login form to the user. On login, if the credentials are correct, redirect to the success page. Otherwise redirect to the same page with an error message.