

**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,
LONERE-RAIGAD
Department of Computer Engineering**

B.Tech. Second Year A.Y.-2022-2023

Semester: - IV (EVEN) Subject: - Seminar-II

Subject Code: - BTCOS407

Subject Co-ordinator: - Ms. Iram Jhetam /Ms. Shweta N. Tembe

Laboratory Name: - B1

List of Experiments:

1. Design an html form for displaying information using interactive css including images, tables.
2. Create a webpage with HTML describing your department with following specification:
 - a. Change the background color of the page. At the bottom create a link to take user to the top of the page.
 - b. Insert an image and create a link such that clicking on image takes user to other page.
 - c. Also apply font styling like italics, underline and two other fonts to words you find appropriate. Also use header tags.
3. Write a JavaScript to design a simple calculator to perform the following operations: sum, product, difference and quotient.
4. Write a JavaScript to validate the following fields of employee on html form: email, name, mobile no., address, salary.
5. Develop and demonstrate a HTML file that includes JavaScript script that uses functions for the following problems:
 - a. Parameter: A string Output: Length of the String
 - b. Parameter: A number Output: The number with its digits in the reverse order
6. Develop and demonstrate a HTML file that includes JavaScript for the following problems:
 - a. Input: A starting and ending number
 - b. Output: find all the prime numbers between starting and ending number.
7. Write a PHP program to display a digital clock which displays the current time of the server.
8. Write a PHP program to implement sign-In and Sign-out functionality.
9. 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. Write a PHP code to implement AJAX functionality.
11. Write a PHP program to perform search operation on the student records using AJAX.
12. Write a PHP program to sort the student records which are stored in the database using ascending/descending order.

