SEMESTER-IV
MCA-234: Web Technology Lab

L T P   **Credits – 1.5**
0 0 3

Lab Objective: *This Lab will enable students to enhance understanding of web technologies that relate to the interface between web servers and clients.*
Pre-Requisites: *Fundamentals of Programming, Database*

List of Experiments:
1. Create a simple webpage using HTML that includes images, tables, and hyperlinks.
2. Use CSS to style the webpage created in exercise 1 by adding selectors, applying styles to text, links, tables, and lists.
3. Create a form in HTML and use CSS to style it.
4. Use JavaScript to create a program that prompts the user for their name and then displays a personalized greeting.
5. Create a program in JavaScript that calculates the area of a circle based on user input.
6. Use Node.js and Express.js to create a simple web application that displays data from a database.
7. Create a program in JavaScript that uses loops and arrays to generate a multiplication table.
8. Use MongoDB to create a database of users and allow users to create, read, update, and delete their data.
9. Use ReactJS to create a simple component that displays a list of items with conditional rendering.
10. Use Redux to manage the state of a ReactJS application and implement middleware to handle asynchronous actions.