CS3244	Title : Front End Development-II Lab	L T P C 0 0 4 2
Version No:	1.0	
Objective	Equip students with the skills and knowledge necessary to create responsive, dynamic, and interactive web applications by leveraging modern front-end development technologies and frameworks, with a particular focus on Bootstrap and React, along with advanced JavaScript techniques.	
Course Outcomes	**Students will be able to:** CO1: Apply responsive design principles and frameworks such as Bootstrap to create adaptive and visually appealing web pages. CO2: Utilize advanced JavaScript features and DOM manipulation techniques to build dynamic and interactive web applications. CO3: Develop, manage, and evaluate complex web applications using React, focusing on component architecture, state management, and routing.	

List of Experiments

1. Create a timeline highlighting major milestones in front-end development.
2. Build a simple webpage using Bootstrap components.
3. Develop a multi-column layout for an e-commerce product page.
4. Enhance the e-commerce product page with Bootstrap components.
5. Apply custom styles to the e-commerce product page.
6. Create a small application using ES6 features.
7. Build a dynamic webpage that interacts with user actions.
8. Setting up a Git Repository and Making Commits
9. Working with Branches and Merging, cloning a Repository and Pushing changes
10. Using Git Ignore and Viewing History, Project Collaboration on GIT
11. Create a weather app that fetches data from an API asynchronously.
12. Build a basic task management app with React components.
13. Enhance the task management app with stateful components.
14. Add lifecycle methods to the task management app to manage component behavior.
15. Develop a blog platform with multiple pages using React Router.
16. Complete the blog platform with state management and styled components.

Mode of Evaluation	Continuous Internal and End Semester Examination
Recommended by Board of Studies on	31-05-2024
Date of publication after approval in the Academic Council	15-06-2024