

Name of Laboratory/ Course with code: Web Lab- 2344212		2344212– Web Lab -Division A			
AY: 2025-26	Semester IV	L & AB – 2/2		First Half of 2026	
List of Experiments/Assignments and Laboratory teaching plan					
Sr. No.	Title	Batch			
		A1	A2	A3	A4
		(Dates planned)			
	Trial Run of Experiments in 2/3 Lab				
1	Use Git & GitHub for version control: Initialize a repository, commit changes, push to GitHub, and create a pull request.	06/01/2026			
2	Design a multi-section resume with responsive grid layout and navigation using HTML5, CSS3, and Bootstrap.	13/01/2026			
3	Create a dropdown menu for Indian cities that dynamically displays famous monuments with styled output using javascript and CSS.	20/01/2026			
4	Build an interactive task manager with add, complete, and delete functionality using JavaScript.	03/02/2026			
5	Implement hide/show, toggle, and animation effects on webpage elements using jQuery.	10/02/2026			
6	AJAX- based Fetch and display live weather data (temperature, humidity, conditions) for cities using external API.	17/02/2026			
7	Create registration form, store data in database, and implement Create, Read, Update, Delete functionality using PHP and MySQL.	03/03/2026			
8	Implement login/logout functionality with session state management across multiple pages using PHP sessions and cookies.	10/03/2026			
9	Create XML file with DTD validation and transform student records into HTML table format.	17/03/2026			

10	Build a React application using Hooks (useState, useEffect) to fetch, display, and filter API data dynamically	24/03/2026			
11	Real-Time API Data Fetching and Dynamic Search Filter using ReactJS and Axios.	07/04/2026			
		Signature of the respective teacher			

Lab Outcomes

LO1	Demonstrate proficiency in HTML, CSS, and Git for structuring and managing web applications
LO2	Apply CSS3 and Bootstrap to create responsive and visually appealing web pages.
LO3	Develop interactive web applications using JavaScript, DOM manipulation, AJAX, and jQuery.
LO4	Implement server-side applications using PHP and MySQL for dynamic content management.
LO5	Utilize XML and XSL for structured data processing and transformation.
LO6	Build modern, scalable web applications using ReactJS with API integration.

Palwankar Amar
(Lab In charge)

Dr. V. A. Bharadi
(Head of Department)