

<b>Name of Laboratory/ Course with code:</b> <b>Web Lab- 2344212</b>		<b>2344212– Web Lab -Division A</b>						
AY: 2025-26	Semester IV	<b>L &amp; AB – 2/2</b>			<b>First Half of 2026</b>			
<b>List of Experiments/Assignments and Laboratory teaching plan</b>								
Sr. No.	Title	<b>Batch</b>						
		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

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

**Palwankar Amar**  
**(Lab In charge)**

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