



## INT252 Course Instruction Plan

Computer Organisation and Design (Lovely Professional University)



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**Course Code:** INT252 **Course Title:** WEB APP DEVELOPMENT WITH REACTJS

**L T P:** 2 0 2

**Credits:** 3

**Course Weightage:** ATT: 5 CA: 45 MTT: NA ETP: 50

**Exam Category:** X6 (Only End Term Practical)

**Course Focus:** EMPLOYABILITY

**Text Book:** ADVANCED WEB DEVELOPMENT WITH REACT by MEHUL MOHAN, BPB PUBLICATIONS

**Reference Book:** REACT: THE COMPREHENSIVE GUIDE by SEBASTIAN SPRINGER, SHROFF/O'REILLY

**Software/Equipments/Databases:** VS CODE

**Course Link:** <https://www.coursera.org/programs/int252-web-app-development-with-react-js-batch-3-jx9t8/>

**Course Outcomes:** Through this course students should be able to

CO1 :: understand core concepts and apply principles in front-end frameworks, React, ES, TypeScript, JSX, and React components, integrating props and event handling.

CO2 :: master using functional React components, project structure, JSX, state management, data flow, lifecycle, services integration, testing, and creating controlled forms.

CO3 :: apply effective event handling, regulate data flow, leverage hooks, and govern component states within React frameworks

CO4 :: apply diverse navigation, create adaptive navigation bars, implement conditional rendering, manage assets efficiently, and integrate multimedia components within React environments.

CO5 :: use React hooks for state and effects, manage API data retrieval, and access DOM elements effectively in React development.

CO6 :: use JSX, optimize software, compose components, manage dynamic content, use attributes, create utilities, employ testing, integrate Redux, handle async actions.

LTP week distribution: (LTP Weeks)	
Weeks before MTE	7
Weeks After MTE	7

### Detailed Weekly Plan

Week	Tentative Duration	Broad Topic	Module	Coursera Link
Week 1	22/01/24-28/01/24	Building Rich Front-End Applications with React and ES6	Course Introduction	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/course-introduction-4WZWm">https://www.coursera.org/lecture/developing-frontend-apps-with-react/course-introduction-4WZWm</a>
		Building Rich Front-End Applications with React and ES6	Introduction to Front-End Frameworks and React	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/course-introduction-4WZWm">https://www.coursera.org/lecture/developing-frontend-apps-with-react/course-introduction-4WZWm</a>
		Building Rich Front-End Applications with React and ES6	Insiders Viewpoints: Front-end Frameworks	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/course-introduction-4WZWm">https://www.coursera.org/lecture/developing-frontend-apps-with-react/course-introduction-4WZWm</a>
		Building Rich Front-End Applications with React and ES6	Introduction to ES6	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/course-introduction-4WZWm">https://www.coursera.org/lecture/developing-frontend-apps-with-react/course-introduction-4WZWm</a>
		Building Rich Front-End Applications with React and	Introduction to JSX	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/course-introduction-4WZWm">https://www.coursera.org/lecture/developing-frontend-apps-with-react/course-introduction-4WZWm</a>

		ES6		
		Building Rich Front-End Applications with React and ES6	Introduction to Components	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/course-introduction-4WZWm">https://www.coursera.org/lecture/developing-frontend-apps-with-react/course-introduction-4WZWm</a>
		Building Rich Front-End Applications with React and ES6	Working with React Components - Props and Event Handling	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/course-introduction-4WZWm">https://www.coursera.org/lecture/developing-frontend-apps-with-react/course-introduction-4WZWm</a>
Week 2	29/01/24-04/02/24	React Components	Introduction to States	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/introduction-to-states-4Xofj">https://www.coursera.org/lecture/developing-frontend-apps-with-react/introduction-to-states-4Xofj</a>
		React Components	Passing Data and States Between Components	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/introduction-to-states-4Xofj">https://www.coursera.org/lecture/developing-frontend-apps-with-react/introduction-to-states-4Xofj</a>
		React Components	Components Lifecycle	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/introduction-to-states-4Xofj">https://www.coursera.org/lecture/developing-frontend-apps-with-react/introduction-to-states-4Xofj</a>
		React Components	Connecting React to External Services	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/introduction-to-states-4Xofj">https://www.coursera.org/lecture/developing-frontend-apps-with-react/introduction-to-states-4Xofj</a>
		React Components	Testing React Components	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/introduction-to-states-4Xofj">https://www.coursera.org/lecture/developing-frontend-apps-with-react/introduction-to-states-4Xofj</a>

Week 3	05/02/24-11/02/24	Advanced React	Hooks	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/hooks-YKJze">https://www.coursera.org/lecture/developing-frontend-apps-with-react/hooks-YKJze</a>
		Advanced React	Implementing Forms	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/hooks-YKJze">https://www.coursera.org/lecture/developing-frontend-apps-with-react/hooks-YKJze</a>
		Advanced React	Introduction to Redux	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/hooks-YKJze">https://www.coursera.org/lecture/developing-frontend-apps-with-react/hooks-YKJze</a>
		Advanced React	Essential Concepts of Redux - Stores, Procedures and Actions	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/hooks-YKJze">https://www.coursera.org/lecture/developing-frontend-apps-with-react/hooks-YKJze</a>
		Advanced React	Async with Redux	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/hooks-YKJze">https://www.coursera.org/lecture/developing-frontend-apps-with-react/hooks-YKJze</a>
		Advanced React	Binding Redux and Flow	<a href="https://www.coursera.org/lecture/developing-frontend-apps-with-react/hooks-YKJze">https://www.coursera.org/lecture/developing-frontend-apps-with-react/hooks-YKJze</a>
Week 4	12/02/24-18/02/24	React Components	Introduction to the course: React Basics	<a href="https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3">https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3</a>
		React Components	How is React used in the real world?	<a href="https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3">https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3</a>
		React Components	Why React?	<a href="https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3">https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3</a>
		React Components	React.js overview	<a href="https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3">https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3</a>
		React	Introduction to functional components	<a href="https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3">https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3</a>

		Components		
		React Components	Creating React components	<a href="https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3">https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3</a>
		React Components	The React project structure	<a href="https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3">https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3</a>
		React Components	Importing components	<a href="https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3">https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3</a>
		React Components	Principles of components: Props	<a href="https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3">https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3</a>
		React Components	Using props in components	<a href="https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3">https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3</a>
		React Components	Introducing JSX	<a href="https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3">https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3</a>
		React Components	Practical styling	<a href="https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3">https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3</a>
		React Components	Embedded JSX expressions	<a href="https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3">https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3</a>
		React	Embedding in attributes	<a href="https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3">https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3</a>

		Components		
		React Components	Module summary	<a href="https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3">https://www.coursera.org/lecture/react-basics/introduction-to-the-course-react-basics-AStT3</a>
		Test-Code Based (CA-1)		
Week 5	19/02/24-25/02/24	Data and State	Types of events	<a href="https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2">https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2</a>
		Data and State	Common event handling	<a href="https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2">https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2</a>
		Data and State	Syntax for handlers	<a href="https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2">https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2</a>
		Data and State	User events	<a href="https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2">https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2</a>
		Data and State	Parent-child data flow	<a href="https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2">https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2</a>
		Data and State	Children and data	<a href="https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2">https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2</a>
		Data and State	What are hooks?	<a href="https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2">https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2</a>
		Data and State	What is state?	<a href="https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2">https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2</a>
		Data and State	Observing state	<a href="https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2">https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2</a>
		Data and State	Managing state	<a href="https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2">https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2</a>

		Data and State	React state management	<a href="https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2">https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2</a>
		Data and State	Stateful vs. stateless	<a href="https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2">https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2</a>
		Data and State	Module summary	<a href="https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2">https://www.coursera.org/lecture/react-basics/types-of-events-L71Z2</a>
		Allotment of Project (CA-3)		
Week 6	26/02/2024 To 03/03/2024	Navigation, Updating and Assets in React.js	Basic Types of navigation	<a href="https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD">https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD</a>
		Navigation, Updating and Assets in React.js	The navbar	<a href="https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD">https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD</a>
		Navigation, 65`Updating and Assets in React.js	Conditional rendering	<a href="https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD">https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD</a>
		Navigation, Updating and Assets in React.js	Single view conditional updates	<a href="https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD">https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD</a>
		Navigation, Updating and Assets in	What is an asset and where does it live?	<a href="https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD">https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD</a>



		React.js		
		Navigation, Updating and Assets in React.js	Using embedded assets	<a href="https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD">https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD</a>
		Navigation, Updating and Assets in React.js	Audio and video	<a href="https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD">https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD</a>
		Navigation, Updating and Assets in React.js	Create an audio / video component	<a href="https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD">https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD</a>
		Navigation, Updating and Assets in React.js	Module summary: navigation, updating and assets in React.js	<a href="https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD">https://www.coursera.org/lecture/react-basics/basic-types-of-navigation-vN7FD</a>
		Components	What are controlled components?	<a href="https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn">https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn</a>
		Components	Creating a Form component in React	<a href="https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn">https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn</a>
		Components	Create a Controlled Form Component	<a href="https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn">https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn</a>

Week 7	Spill over/Mid term			
Week 8	11/03/2024 to 17/03/2024	Your first React app	Course recap: React Basics	<a href="https://www.coursera.org/lecture/react-basics/course-recap-react-basics-Cr55y">https://www.coursera.org/lecture/react-basics/course-recap-react-basics-Cr55y</a>
		Your first React app	Exemplar: Build a calculator app	<a href="https://www.coursera.org/lecture/react-basics/course-recap-react-basics-Cr55y">https://www.coursera.org/lecture/react-basics/course-recap-react-basics-Cr55y</a>
		Your first React app	Congratulations, you completed React Basics!	<a href="https://www.coursera.org/lecture/react-basics/course-recap-react-basics-Cr55y">https://www.coursera.org/lecture/react-basics/course-recap-react-basics-Cr55y</a>
Week 9	18/03/2024 to 24/03/2024	Components	Introduction to the course	<a href="https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn">https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn</a>
		Components	React and your career opportunities	<a href="https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn">https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn</a>
		Components	Setting up VS code (Optional)	<a href="https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn">https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn</a>
	<b>Test-Code Based 2 (CA-2)</b>			
Week 10	25/03/2024-31/03/2024	Components	Grid layouts	<a href="https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn">https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn</a>
		Components	Transforming lists in JavaScript	<a href="https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn">https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn</a>
		Components	Render a simple list component	<a href="https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn">https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn</a>

	Components	What are Keys in React?	<a href="https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn">https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn</a>
	Components	Using Keys Within List Components	<a href="https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn">https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn</a>
	Components	What are controlled components?	<a href="https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn">https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn</a>
	Components	Creating a Form component in React	<a href="https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn">https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn</a>
	Components	Create a Controlled Form Component	<a href="https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn">https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn</a>
	Components	What you know about Props and State	<a href="https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn">https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn</a>
	Components	What is Context, and why is it used?	<a href="https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn">https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn</a>
	Components	Module summary: Components	<a href="https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn">https://www.coursera.org/lecture/advanced-react/introduction-to-the-course-9sOxn</a>
	React Hooks and Custom Hooks	Working with React hooks	<a href="https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U">https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U</a>
	React Hooks and Custom Hooks	Revising useState hook	<a href="https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U">https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U</a>

	React Hooks and Custom Hooks		Using the useState hook	<a href="https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U">https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U</a>
Week 11	01/04/2024-07/04/2024	React Hooks and Custom Hooks	What are side effects?	<a href="https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U">https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U</a>
		React Hooks and Custom Hooks	Using the useEffect hook	<a href="https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U">https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U</a>
		React Hooks and Custom Hooks	What are the rules of hooks?	<a href="https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U">https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U</a>
		React Hooks and Custom Hooks	What you need to know before fetching data	<a href="https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U">https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U</a>
		React Hooks and Custom Hooks	Fetching data – Putting it all together	<a href="https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U">https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U</a>
		React Hooks and Custom Hooks	APIs	<a href="https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U">https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U</a>
		React Hooks and Custom Hooks	What is useReducer and how it differs from useState	<a href="https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U">https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U</a>

		React Hooks and Custom Hooks	useRef to access underlying DOM	<a href="https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U">https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U</a>
		React Hooks and Custom Hooks	Module summary: React Hooks and Custom Hooks	<a href="https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U">https://www.coursera.org/lecture/advanced-react/working-with-react-hooks-7Fb8U</a>
		JSX and testing	JSX, Components and Elements	<a href="https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik">https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik</a>
		JSX and testing	The importance of performance to software development	<a href="https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik">https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik</a>
		JSX and testing	Component composition with children	<a href="https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik">https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik</a>
Week 12	<b>Submission of Project(CA-3)</b>			
Week 12	08/04/2024-14/04/2024	JSX and testing	Manipulating children dynamically in JSX	<a href="https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik">https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik</a>
		JSX and testing	Spread Attributes	<a href="https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik">https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik</a>
		JSX and testing	Cross-cutting concerns in React	<a href="https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik">https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik</a>
		JSX and testing	Create a HOC for cursor position	<a href="https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik">https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik</a>
		JSX and testing	Render props	<a href="https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik">https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik</a>

		JSX and testing	Why React Testing Library	<a href="https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik">https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik</a>
		JSX and testing	Writing the first test for your form	<a href="https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik">https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik</a>
		JSX and testing	Style guides	<a href="https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik">https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik</a>
		JSX and testing	Module summary: JSX and Testing	<a href="https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik">https://www.coursera.org/lecture/advanced-react/jsx-components-and-elements-LcYik</a>
		Final project	Course recap: Advanced React	<a href="https://www.coursera.org/lecture/advanced-react/course-recap-advanced-react-ktSG7">https://www.coursera.org/lecture/advanced-react/course-recap-advanced-react-ktSG7</a>
		Final project	Course recap: Advanced React	<a href="https://www.coursera.org/lecture/advanced-react/course-recap-advanced-react-ktSG7">https://www.coursera.org/lecture/advanced-react/course-recap-advanced-react-ktSG7</a>
		Final project	Course recap: Advanced React	<a href="https://www.coursera.org/lecture/advanced-react/course-recap-advanced-react-ktSG7">https://www.coursera.org/lecture/advanced-react/course-recap-advanced-react-ktSG7</a>
Week 13	15/04/2024-21/04/2024		Spill Over	
Week 14	21/04/2024-28/04/2024			

**It is mandatory to complete the number of courses for being eligible for End Term Examination along with the attendance criteria of the university. The links of the courses as shared in the IP should be completed on/before the last teaching day as per the academic calendar of the university.**

#### **Scheme for CA:**

CA Category of this Course Code is: **C010102** (Total 3 tasks, 1 best out of 2, Project to be made Mandatory)

Component	Is Compulsory	Weightage	Description
Test (Code Based)	No	50%	Code based test based on Unit 1, Unit 2, Unit 3
Test (Code Based)	No	50%	Code based test based on Unit 4, Unit 5, Unit 6
Test (Project Based CA)	YES	50%	Develop website using React JS