

Web Development

S. No.	Curriculum	Subtopic	Date
1	Introduction to Web Technologies:	Careers in Web Technologies and Job Roles How the Website Works? Client and Server Scripting Languages Difference between a Web Designer and Web Developer Types of Websites (Static and Dynamic Websites) Responsive design and layout	04/08/2025 (8:00 PM - 10:00 PM)
2	HTML :	What is Markup Language Basic Structure of HTML HTML Elements Working with Forms Adding Special Characters Block Oriented Elements List, Attributes of list Uniform Resource Locators Hypertext Links Images, Tables Introduction to style Sheets Changing the Background Creating Style Classes	05/08/2025 (8:00 PM - 10:00 PM)

3	CSS :	CSS Introduction CSS Syntax CSS Id & Cass Types of CSS inks Colors and Backgrounds Text and Fonts Lists, Tables CSS Selectors CSS Box Model CSS Advanced	06/08/2025 (8:00 PM - 10:00 PM)
4	Java-Script	Introduction to JavaScript Enabling in various, browsers, Popup Boxes Variables Operators Conditional Statements Loops Functions Events Cookies Page redirection Built-in Objects	08/08/2025 (8:00 PM - 10:00 PM) 11/08/2025 (8:00 PM - 9:00 PM)
5	Advanced javascript	Form Validations Basics of Form Validation Validating Radio Buttons Validating Check-boxes Validating Select Menus JS Document Object Model (DOM)	13/08/2025 (8:00 PM - 10:00 PM) 18/08/2025 (8:00 PM - 9:00 PM) 20/08/2025 (8:00 PM - 9:00 PM)

7	Bootstrap Framework:	Adding Header & Navigation Adding Logo in Navigation Bar & Adding Banner Adding Jumbotron Adding Rows, Columns & Containers Adding Column Width using offset Ordering Columns using push or pull Nesting Columns in Bootstrap Adding Footer top Website Typography in Bootstrap Adding glyphicons Styling Tables Adding Responsive or Utilities in Bootstrap Styling Button using between classes Styling Images and making images Responsive Adding description list in bootstrap Adding Panels	22/08/2025 (8:00 PM - 10:00 PM) 25/08/2025 (8:00 PM - 9:00 PM)
8	React Basics :	Utilize reusable components in React to render dynamic views with changing data over time. Organize React projects effectively for improved scalability and maintainability of websites and applications. Pass data between components using props to create dynamic and interactive user interfaces. Implement form components to enable user interaction and build fully functional React applications.	27/08/2025 (8:00 PM - 9:00 PM) 29/08/2025 (8:00 PM - 10:00 PM)

9	React Advanced	<p>Develop resilient and reusable components using advanced methodologies, and explore diverse patterns for reusing shared functionality.</p> <p>Engage with a remote server, facilitating data retrieval and submission through an API seamlessly.</p> <p>Effortlessly conduct testing on React applications utilizing React Testing Library.</p> <p>Seamlessly incorporate popular React libraries to optimize the development process of your applications</p>	<p>01/09/2025 (8:00 PM - 10:00 PM)</p> <p>03/09/2025 (8:00 PM - 9:00 PM)</p> <p>05/08/2025 (8:00 PM - 9:00 PM)</p>
10	Projects	Live Website Design Project	10/09/2025 (8:00 PM - 9:00 PM)