

TRAINING CONTENTS

Session	Name of the Topics	Contact Hour
Session 01	Module 1: Introduction to HTML <ul style="list-style-type: none">● Overview of HTML● Basic tags (doctype, html, head, body, title)● Paragraphs, headings, and text formatting● HTML structure and elements● Lists (ordered, unordered)● Links and navigation● Images and multimedia Practical: Project work	3
Session 02	Module 2: HTML Forms and Input <ul style="list-style-type: none">● Form elements (input, textarea, select, button)● Form attributes and validation● Creating a simple contact form● HTML Tables and Semantic Elements● Table structure (table, tr, td, th)● Semantic HTML5 elements (header, footer, article, section, nav) Practical: Project work	3

<p>Session 3</p>	<p>Module 3: Introduction to CSS</p> <ul style="list-style-type: none"> ● CSS syntax and selectors ● Inline, internal, and external CSS ● Basic styling (colors, fonts, backgrounds) <p>Practical: Project work</p>	<p>3</p>
<p>Session 4</p>	<p>Module 4: CSS Layouts and Positioning</p> <ul style="list-style-type: none"> ● Box model (margin, border, padding, content) ● Display property (block, inline, inline-block) ● Positioning (static, relative, absolute, fixed) <p>Practical: Project work</p>	<p>3</p>
<p>Session 5</p>	<p>Module 5: CSS Flexbox</p> <ul style="list-style-type: none"> ● Flexbox container and items ● Flex properties (justify-content, align-items) ● Creating flexible layouts <p>Practical: Project work</p>	<p>3</p>
<p>Session 6</p>	<p>Module 6: CSS Grid</p> <ul style="list-style-type: none"> ● Grid container and items ● Grid template areas, rows, and columns ● Building complex layouts with Grid <p>Practical: Project work</p>	<p>3</p>

<p>Session 7</p>	<p>Module 7: CSS Project</p> <ul style="list-style-type: none"> ● Style the HTML project from previous sessions using CSS <p>Practical: Project work</p>	<p>3</p>
<p>Session 8</p>	<p>Module 8: Introduction to jQuery</p> <ul style="list-style-type: none"> ● What is jQuery and how to include it ● Basic jQuery syntax and selectors ● Handling events with jQuery <p>Practical: Project work</p>	<p>3</p>
<p>Session 9</p>	<p>Module 9: jQuery Effects and Animations</p> <ul style="list-style-type: none"> ● Showing, hiding, and toggling elements ● Animating properties (fade, slide) ● Creating custom animations <p>Practical: Project work</p>	<p>3</p>
<p>Session 10</p>	<p>Module 10: jQuery DOM Manipulation</p> <ul style="list-style-type: none"> ● Changing content and attributes ● Adding and removing elements ● Working with forms and inputs using jQuery <p>Practical: Project work</p>	<p>3</p>
<p>Session 11</p>	<p>Module 11: Introduction to Bootstrap</p> <ul style="list-style-type: none"> ● What is Bootstrap and how to include it ● Bootstrap Grid System ● Responsive design basics <p>Practical: Project work</p>	<p>3</p>

Session 12	Module 12: Bootstrap Components <ul style="list-style-type: none"> ● Common components (navbar, buttons, cards, forms) ● Using Bootstrap utilities (spacing, text, colors) Practical: Project work	3
Session 13	Module 13: Advanced Bootstrap <ul style="list-style-type: none"> ● Modals, carousels, and popovers ● Customizing Bootstrap with SASS Practical: Project work	3
Session 14	Module 14: Bootstrap Project <ul style="list-style-type: none"> ● Convert the HTML/CSS project to use Bootstrap for styling and responsiveness Practical: Project work	3
Session 15	Module 15: Introduction to PHP <ul style="list-style-type: none"> ● What is PHP and how it works ● PHP syntax and variables ● Basic operations and data types Practical: Project work	3
Session 16	Module 16: PHP Control Structures <ul style="list-style-type: none"> ● Conditionals (if, else, switch) ● Loops (for, while, foreach) ● Functions and scopes Practical: Project work	3

Session 17	Module 17: PHP Forms and User Input <ul style="list-style-type: none"> ● Handling form submissions with PHP ● Validating and sanitizing user input ● Sessions and cookies Practical: Project work	3
Session 18	Module 18: PHP and MySQL <ul style="list-style-type: none"> ● Introduction to MySQL ● Connecting to a MySQL database with PHP ● Performing CRUD operations (Create, Read, Update, Delete) ● Build a simple web application using PHP and MySQL (e.g., a guestbook or to-do list) Practical: Project work	3
Session 19	Module 19: Introduction to WordPress <ul style="list-style-type: none"> ● What is WordPress and how to install it ● WordPress dashboard overview ● Creating and managing posts and pages ● Installing and activating themes ● Customizing themes with the Customizer ● Introduction to child themes Practical: Project work	3
Session 20	Mentorship Session: A dedicated session with an industry expert to discuss career opportunities, real-world applications of Basic Web Development, and insights into the latest trends.	3
	Total Class Hours	60 hours

