

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

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

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

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

