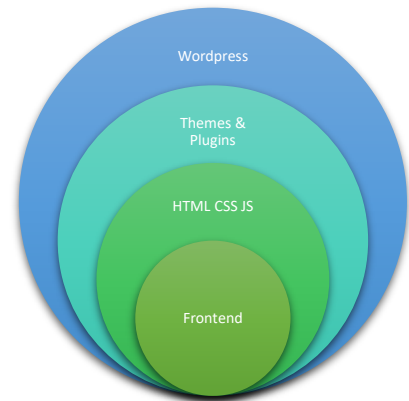


Module on Web Design and Development Learning & Earning Development Project

Learning Output:

After completing this course, trainee will be able to

- Create custom design in Adobe Xd/Photoshop.
- Convert design in web page with HTML CSS and JS.
- Create a dynamic website with WordPress for real work.



Course Module on Web Design and Development:

SL	Topic	Description
1.	Introduction to World Wide Web	<ol style="list-style-type: none"> 1. Introduction to Internet. 2. The first website of the world. 3. Introduction to Website & Web Pages. 4. What is WWW? 5. What are Domains, TLDs and IPs? 6. What is web hosting? 7. Different type of Websites. 8. Is Design needed before building a website? 9. What is web development process?
2.	Introduction to Photoshop (2 Classes)	<ol style="list-style-type: none"> 10. Tools and Tabs overview 11. Layer Management 12. Text, Image 13. Measurement, Size 14. Creating Design in Photoshop 15. What is PSD to HTML?
3.	Introduction to HTML	<ol style="list-style-type: none"> 16. Intro to HTML and HTML5 17. Uses of integrated development environment (IDE) 18. HTML structure 19. Ideas on HTML Attributes and Tags 20. How and where to use which attributes and tags 7. Common mistakes on tag placements 8. HTML headings 9. Paragraph 10. Quote 11. Anchor 12. image
4.	Advance HTML	<ol style="list-style-type: none"> 7. Inline elements, block elements 8. HTML lists, 9. Tables,

	(2 Classes)	<ol style="list-style-type: none"> 10. HTML Form elements, fieldset, 11. input, select, textarea, radio box, checkbox, buttons. 12. iframe elements 13. HTML5 video, audio elements. 14. SVG elements. 15. Usages and placements.
5.	Cascade Style Sheets (CSS) Introduction	<ol style="list-style-type: none"> 16. Introduction to CSS 17. What is CSS and how and where to use it. 18. Inline CSS, Internal CSS, External CSS. 19. CSS overriding 20. Rel, type, href. 21. CSS syntax (Property and Value)
6.	Advance CSS	<ol style="list-style-type: none"> 22. Selectors 23. Class & ID 24. Advance Selector 25. CSS Box Model 26. Width & Height 27. Padding, Border, Margin, Outline 28. Floating, Positioning and overflow 29. Display inline/inline-block/block/ Flex element
7.	Advance CSS Part-2 (2 Classes)	<ol style="list-style-type: none"> 30. Flex element and it's different properties 31. Visibility, Opacity, transition, transform 32. Color, Gradient, text-shadow, box-shadow 33. Font family, alignment, text transformations 34. Background, Background position, size etc. 35. Border image 36. Rounded corner 37. Animation
8.	PSD to HTML (2 Classes)	<ol style="list-style-type: none"> 1. PSD to HTML Conversion and other design technics. 2. Responsive Design and Media Queries
9.	Introduction to Javascript	<ol style="list-style-type: none"> 1. Introduction to Javascript/Netscript. 2. What is client-side scripting? 3. What are the benefits of using Javascript? 4. Javascript placement (internal and external) 5. Javascript Syntax, Common syntax 6. Javascript data types 7. Integer, string, array and object variables, initialization and uses
10.	Deep into Javascript (2 Classes)	<ol style="list-style-type: none"> 8. Use of operators, arithmetic and assignments. 9. Function Parameters and return 10. Built in functions, methods and there uses 11. String methods, Math, Date, Array 12. Conditional logic, loops, and break 13. DOM Manipulation 14. Example and assignments.
11.	JQuery introduction	<ol style="list-style-type: none"> 1. Introduction 2. How to get jQuery 3. Benefits of using jQuery library 4. jQuery syntax and write code in jQuery 5. DOM elements CSS to change element behavior in client side
12.	Bootstrap	<ol style="list-style-type: none"> 1. What is Bootstrap and how to get it 2. Benefits of Bootstrap 3. Uses of Bootstrap 4. Popup, modal, tooltips, navigations and carousel

13.	WordPress Introduction	<ol style="list-style-type: none"> 1. Introduction to WordPress and CMS (Content Management System) 2. What is webserver and local host 3. How to install WordPress 4. Files and Folder Structure
14.	Wordpress Overview	<ol style="list-style-type: none"> 5. WordPress Admin Panel overview 6. Interaction between WordPress and Database 7. Ideas on Pages, Posts, Categories, tags 8. Understanding Widget, Media, Links and frontend
15.	Wordpress (Default Theme and Theme functions)	<ol style="list-style-type: none"> 9. Theme overview 10. Theme Installation 11. Theme functionality 12. Setting tab 13. Plugins
16.	Wordpress (Introduction to Plugins and Widgets)	<ol style="list-style-type: none"> 14. Introduction to Plugin and Widgets 15. How to install a plugin 16. Contact form7 17. Mailchimp
17.	Wordpress (Woocommerce)	<ol style="list-style-type: none"> 18. Introduction to Woocommerce 19. Installation and explaining the backend management 20. How to create Product 21. Understanding different Product types 22. Understanding cart, checkout and payment
18.	Wordpress Elementor (2 Classes)	<ol style="list-style-type: none"> 23. Introduction to page builder and theme builder 24. Introduction to Elementor 25. Install Elementor 26. Widgets of Elementor 27. Customization of Elements
19.	Wordpress (ACF Plugin)	<ol style="list-style-type: none"> 28. What is ACF Plugin 29. Using ACF plugin make theme options. 30. ACF add meta to term taxonomies.
20.	Wordpress (Template)	<ol style="list-style-type: none"> 31. Creating Template page with Elementor 32. Creating custom posts and post templates 33. Develop a fully customized website theme
21.	Live Project (3 Classes)	Working with live project.
22.	Freelancing	Start working in Freelancing platforms Fiverr, Freelancer
2 Extra Class on Freelancing and Problem Solving		

END
