



# Professional WordPress Developer

WordPress is very popular content management system and widely used by many big companies for their business web sites. It offers more flexibility for creating personal and professional web sites. With this increasing popularity of WordPress demand of skilled WordPress professional also increases.

This 3 module WordPress course is designed to learn everything you need to become a professional WordPress developer. We include all the WordPress concepts that are used while development of real time web sites using WordPress. Every concept is explained with the help of live practical examples.

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## Pre-requisites

- Basic Knowledge of PHP/MySQL
- Basic knowledge of CSS/HTML
- You can use any suitable editor for programming like dreamweaver, notepad++ etc.

## Who Can Join

- Anyone looking for an easy and affordable way to create their own web site.
- Any WordPress user or developer to expand their knowledge in WordPress development.
- Any web developer who wants to become a highly skilled and professional WordPress Developer.

## Module-1 [ WordPress Basics ]

<b>Section 1 [WordPress Introduction]</b>	<b>Section 2 [Getting Started with WordPress]</b>
<ul style="list-style-type: none"><li>• Getting into WordPress</li><li>• Understanding the common terms</li><li>• Why to use WordPress</li><li>• Features of WordPress latest version</li><li>• WP resources, codex, plugin and theme</li></ul>	<ul style="list-style-type: none"><li>• Using wordpress.com to create free blog</li><li>• How to Install WordPress on localhost</li><li>• wp-admin panel</li><li>• wp-admin dashboard .</li><li>• What is Gravatar</li></ul>
<b>Section 3 [Blog Content using post]</b>	<b>Section 4 [Pages, Menus, Media libraries]</b>
<ul style="list-style-type: none"><li>• Adding post in blog</li><li>• Common post options</li><li>• Advance post options</li><li>• Additional post writing options</li><li>• Discussions and comments</li><li>• Adding and magaing categories</li></ul>	<ul style="list-style-type: none"><li>• Adding and managing pages</li><li>• Adding and displaying menus</li><li>• Media library</li><li>• Site customization through wp-admin</li><li>• Importing and exporting content</li></ul>
<b>Section 5 [Plugins and widgets]</b>	<b>Section 6 [Themes]</b>
<ul style="list-style-type: none"><li>• What are plugins and why to use them</li><li>• Finding right plugin</li><li>• How to install and use plugins</li><li>• What are widgets</li><li>• How to use widgets in theme</li><li>• Some must have plugin examples</li></ul>	<ul style="list-style-type: none"><li>• WordPress theme repository</li><li>• Main types of theme</li><li>• How to choose suitable theme</li><li>• Installing and changing theme</li></ul>

## Module 2 [ WordPress Theme Development ]

<b>Section 1 [ Getting Started ]</b>	<b>Section 2 [ Setting up your design ]</b>
<ul style="list-style-type: none"> <li>• What is WordPress theme</li> <li>• Core technologies</li> <li>• The basics of WordPress theme</li> <li>• Theme development strategies</li> </ul>	<p>Design your theme to be WordPress friendly            Different paths of theme development            Preparing HTML/CSS structure of your design</p>
<b>Section 3 [ Converting design into theme part1 ]</b>	<b>Section 5 [ Converting design into theme part2 ]</b>
<ul style="list-style-type: none"> <li>• Creating theme folders</li> <li>• The basic file structure of WP theme</li> <li>• Integrating main style-sheet</li> <li>• Integrating custom js and css files in WP theme</li> <li>• loop in WordPress theme</li> <li>• Different template in WP theme</li> <li>• Creating header, footer, sidebar, content php files</li> <li>• Role of functions.php file</li> </ul>	<ul style="list-style-type: none"> <li>• Creating search form.</li> <li>• Creating search and comment template</li> <li>• Creating archive pages</li> <li>• Adding different support parameter in WordPress theme.</li> <li>• Registering navigation menus in theme</li> <li>• Display menu in theme files.</li> <li>• Making theme widget ready</li> </ul>
<b>Section 5 [ Custom code ]</b>	
<ul style="list-style-type: none"> <li>• Featured image manipulations.</li> <li>• Get category listing</li> <li>• Managing different image sizes in Theme</li> <li>• Creating custom Home page</li> <li>• Creating custom blog page</li> <li>• Creating custom contact us page</li> <li>• Integrating Font awesome icon and use theme</li> <li>• Integrating social media accounts etc.</li> </ul>	

## Module 3 [ WordPress Plugin Development ]

<b>Section 1 [ Introduction to WordPress plugins ]</b>	<b>Section 2 [ Foundation of Plugins ]</b>
<ul style="list-style-type: none"> <li>• What is plugin</li> <li>• How plugins are loaded</li> <li>• Advantages of using plugins</li> <li>• Types of plugins</li> <li>• Installation and management of plugins</li> </ul>	<ul style="list-style-type: none"> <li>• Basic requirement</li> <li>• Plugin files and folder structure</li> <li>• Plugin coding standard</li> <li>• Plugin development checklist</li> <li>• Adding custom css and js in plugin</li> <li>• Creating simple plugin</li> </ul>
<b>Section 3 [ WordPress hooks and filters ]</b>	<b>Section 4 [ Integrating Plugins ]</b>
<ul style="list-style-type: none"> <li>• What is hooks, action hooks and filter hooks</li> <li>• Creating actions</li> <li>• How to use hooks</li> <li>• How to use filters</li> <li>• Creating custom hooks and filters</li> </ul>	<ul style="list-style-type: none"> <li>• Adding menus in Admin panel</li> <li>• Creating custom widgets</li> <li>• WordPress UI for Widget development</li> </ul>
<b>Section 5 [ Plugin Setting Page]</b>	<b>Section 6 [WordPress Shortcodes ]</b>
<ul style="list-style-type: none"> <li>• Creating setting page for plugin</li> <li>• How to use wp database to save plugin options</li> <li>• WordPress option API</li> <li>• WordPress setting API</li> <li>• Transients API</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to shortcode API</li> <li>• How to create custom sortcodes</li> <li>• How to use shortcode</li> <li>• How to insert shortcode in theme files</li> </ul>
<b>Section 6 [ WordPress users ]</b>	<b>Section 7 [Custom post types and custom taxonomies]</b>
<ul style="list-style-type: none"> <li>• WordPress users and related functions</li> <li>• User roles and capabilities</li> <li>• Add user level access system in plugin</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to CPT, custom taxonomies and meta boxes</li> <li>• How to create and use CPT</li> <li>• How to create and use custom taxonomies</li> <li>• Adding custom meta boxes to CPT</li> </ul>