

CS - 15**CMS with Word Press & Magento****Unit : 1****Introduction to OOP & WORDPRESS**

- Concept of OOP
 - Class, Property, Visibility, Constructor, Destructor, Inheritance Scope Resolution Operator (: :), Auto loading Classes, Class Constants
- MySQLi Database handling with OOP (insert, update, select, delete, search, count)
- Introduction to WordPress
- What is Content Management System (CMS)?
- Advantages & Disadvantages of WordPress
- Installation of WordPress.
- WordPress Directory & file structure.
- Dashboard overview
- How to add, edit and delete page, category, post, tag.
- Add new media file (image, pdf, doc etc.) & attach to post or page.
 - User Roles and Capabilities.
- Setting
 - General, writing, Reading, Discussion, Media, Permalinks
- Updating WordPress
 - One-click Update, Manual Update, Database Structure

Unit : 2**Theme & Widget**

- **Theme**
 - What is theme?
 - How to install & activate theme.
 - Introduction of common WordPress theme template files.
 - Anatomy of a Theme :
 - header.php, footer.php and sidebar.php
 - Introduction of Template Files
 - style.css, index.php, page.php, home.php, archive.php, single.php, comments.php, search.php, attachment.php, 404.php, category.php, tag.php, author.php, date.php
- **Widget**
 - What is widget & widget Areas?
 - Widget Management
 - Available Widgets (Archive, Calendar, Categories, Custom Menu, Meta, Pages, Recent Comments, Recent Posts, RSS, Search, Tag Cloud, Text)
 - Inactive Sidebar (not used)
 - Inactive Widgets
- **Plugin**
 - What is plugin?
 - How to install and activate plugin.
 - Useful plugins for website.

- Seo yoast
- Contact form 7
- WooCommerce
- Page Builder

Unit : 3

Advance Template Tag with Theme Development

- The Loop (have_posts (), the_post())
- Template Tags
 - General tags
 - wp_head(), get_footer(), get_header(), get_sidebar(), get_search_form(), bloginfo(), wp_title(), single_post_title(), wp_footer(), comments_template(), add_theme_support(), get_template_directory_uri(), body_class()
 - Author tags
 - the_author(), get_the_author(), the_author_link(), get_the_author_link(), the_author_meta(), the_author_posts()
 - Category tags
 - category_description(), single_cat_title(), the_category()
 - Link tags
 - the_permalink(), get_permalink(), home_url(), get_home_url(), site_url(), get_site_url()
 - Post tags
 - the_content(), the_excerpt(), the_ID(), the_tags(), the_title(), get_the_title(), the_date(), get_the_date(), the_time(), next_post_link(), previous_post_link(), posts_nav_link(), post_class()
 - Post Thumbnail tags
 - has_post_thumbnail(), get_post_thumbnail_id(), the_post_thumbnail(), get_the_post_thumbnail()
 - Navigation Menu tags
 - wp_nav_menu()
 - Conditional Tags
 - is_archive(), is_category(), is_front_page(), is_home(), is_page(), is_single(), is_search(), is_attachment(), is_active_sidebar()
 - functions.php file
 - Theme Development

Unit : 4

Setting up and Installing Magento

- Introduction to Magento Basic
 - Magento Overview
 - Magento Installation
 - Magento Architecture
- Magento Store Setup
 - Magento - Product Overview
 - Magento - Setup Languages
 - Magento - Setup Contact
 - Magento - Setup Categories
 - Magento - Setup Products

Unit : 5

Setup Payment and Ordering System

- Setup Inventory and Payment Option
 - Magento - Setup Inventory
 - Magento - Setup Taxes
 - Magento - Setup Shipping Rates
 - Magento - Setup Payment Plans
 - Magento - Setup Payment Gateway
 - Magento - Setup Payment Methods
 - Magento - Setup Currencies
 - Magento - Setup Check Out Options
 - Magento - Setup Paypal Payment
 - Magento - Setup Google Checkout
 - Magento - Setup Store Live
- Setup Ordering
 - Magento Order Processing
 - Magento - Orders Life Cycle
 - Magento - Setup Order Options
 - Magento - Setup Order Emails
 - Magento - Create Orders
 - Magento - Manage Orders

	Class Room	Seminar	Expert Talk	Test	Total
No. Of Lecture	60	05	05	05	75

Reference Books:

- 1) Build Your Own WordPress Website: An Ultimate Guide for Small Business Owners Paperback by WordPress Genie
- 2) Teach Yourself VISUALLY Word Press Paperback –by George Plumley 3rd Edition.
- 3) WordPress for Beginners 2017: A Visual Step-by-step Guide to Mastering Word press Paperback – by Dr. Andy Williams.
- 4) WordPress to Go: How to Build a WordPress Website on Your Own Domain, from Scratch, Even If You Are a Complete Beginner Paperback –by Sarah Mcharry (Author)

Reference Website

- <https://www.tutorialspoint.com/wordpress/>
- <https://www.wpbeginner.com/category/wp-tutorials/>
- <https://www.siteground.com/tutorials/wordpress/>
- <https://learn.wordpress.com/>
- [https://codex.wordpress.org/WordPress Lessons](https://codex.wordpress.org/WordPress_Lessons)
- <https://ithemes.com/tutorial/category/wordpress-101/>
- <https://www.tutorialspoint.com/magento/>
- <https://www.siteground.com/tutorials/magento/>
- <https://blog.magestore.com/magento-tutorial/>
- <https://www.cloudways.com/blog/magento/>
- <https://code.tutsplus.com/courses/magento-fundamentals>
- https://www.youtube.com/playlist?list=PLgOUQYMnO_STuEpuiUHH7NXCQuw5igXnP
- https://www.tutorialspoint.com/magento/magento_tutorial.pdf