

PeopleNTech Institute of Information Technology (PIIT)

Course Name

Certified CMS Specialist

Area of Study

Basics of: HTML, CSS, JavaScript, jQuery, PHP, Photoshop

Web Development using: WordPress

E-Commerce Site Development using: WooCommerce

E-Commerce Site Development using: OpenCart

Faculty Details

Nirjhor Anjum

Faculty Head, PeopleNTech Institute of IT

Technical Lead, Web Development Team, Software Shop Limited

Chief Technical Officer, SuperbNexus LLC

Ex Consultant, Community Legal Service, UK Aid

Ex Senior Faculty for Web Technology, Computing Solutions Lab

Ex Software Engineer (Development Lead), Banglalion Communications Limited

Ex HOD, Green Heaven PVT LTD

Ex Manager, SBS PVT LTD

Ex Manager, CSS IT

Degree: MSCS, BSC CIS, Diploma in WDDS

Training: ZCE, MCTS, SMC, PMP, CompTIA A+

Course Description

Course Name:

Certified CMS Specialist

Course Curriculum:

Basic Programming and Designing Concepts, WordPress CMS, WooCommerce, OpenCart

Course Time Table: 4 Months

Course Module	Course Days (2 Hours per Day)
Basics of - HTML5, CSS3, Photoshop, JavaScript, PHP	7
Web Portal Development using WordPress CMS	8
Lab Exam	1
eCommerce Site Development using WordPress CMS	8
Lab Exam	1
eCommerce Site Development using OpenCart CMS	8
Lab Exam	1
Total	34 Days

Eligibility Criteria:

- 1) Must have to understand how to operate Computer
- 2) Should understand how to operate at least MS Office
- 3) It is best if he completes Certified Web Development Specialist

Benefit of this Course:

1. If you are not willing or not feeling comfortable to learn advanced Software Engineering, but willing to learn easy designing and development of Web Portal or E-Commerce Websites then learning work with CMS is best for them.
2. If you are a person who is willing to learn CMS based Web Portal and E-Commerce development to work Freelancing or in any IT Company, then this course is for you!
3. If you are a person/student who has no advanced skill about designing or programming but willing to learn Web Portal and E-Commerce Development easily, then the course will best suit with you.

BASIC GUIDELINES

How Website Works?
What are Domain, Hosting, Server, and Name-Server?
What is cPanel and Domain Control Panel?
How to edit and run codes?
How to use PhpMyAdmin and Local Server?
What is Local Host and FTP Client?

SETUP TIPS

How to use cPanel?
How to Create Database in cPanel?
How to Upload/Install and Run a Project on Website using cPanel?
Some Professional Web Development Tips related to WordPress;
WordPress related Job Tips;
WordPress CMS's Directory Guidelines

PHOTOSHOP

Image Concepts – Basic concepts about images used in Web Designing
Cropping and Cutting – How to crop and cut images
Text inside Image – How to design texts inside image
Clone and History – Making clone and retrieving history of Image

HTML BASICS

Elements and Attributes – Common Elements and Attributes of HTML
Paragraph, Headings and Comments – Making Paragraph, Heading etc
Blocks – Div, Span, Layout and their Usages in HTML
Formatting – Font Formatting, Different Tags to Format Fonts
Colors, Colornames, Colorvalues – Use of Color in HTML
Links – Implementation of Links, and Description of Link Attributes
Images – Image Tags and its Attributes

CSS

Syntax – How to write HTML Styles as Cascade Stylesheet
ID & Class Selector – Implementation of CSS using ID and Class
Style Sheet – Writing and Integration of Style Sheets inside HTML

JavaScript

Statement & Integration – Writing JavaScript and integrate inside HTML
Data Types – JavaScript Variables, Arrays etc
Functions – Use, usefulness, integration and description of function
Operators – Different JavaScript operators
Conditions – If-else condition, Switch-case condition etc
Loop & Break – Loops and Breaks using JavaScript

BEGINNING IN PHP

Syntax, Print / Echo – Basic concepts on PHP

Variables, Data Types – Data Types and Variables in PHP

Operators – Concept of operator in PHP

PHP BASICS

If...Else...Else-If – Different conditional statements in PHP

While Loops – Implementation of While loop

For Loops – Practical implementation of for loop

Functions – Doing tasks using PHP functions

Arrays – Basic Array Concepts

Date – Use of Date functions and their Elements

ADVANCED PHP

Form Validation – Detailed guideline to use Form in PHP

File Handling and Upload – File Handling and Upload using PHP

.htaccess

Introduction – Where to put and how to write codes in htaccess

Directory and IP Restriction – How to protect site from visitors

Error Handling – Error Page Handling

Module 2-1

WORDPRESS BASICS

- Website Wireframe
- Concept of Post, Page, Category, Tag and Menu
- Login/Register
- Password Reset
- Screen Option/Help
- Introduction to Dashboard
- Users
 - Add/Edit User
 - Manage Profile
- Comments
 - Edit/Delete Comments
 - Manage Comments (Pending, Approved, Spam, Trash)

Module 2-2

COMMON TOPICS IN WORDPRESS

- Post
 - Add/Edit/Delete Post
 - Post Elements
 - Use of Post

- Page
 - Add/Edit/Delete Page
 - Page Elements
 - Use of Page
- Category
 - Add/Edit/Delete Category
 - Use of Category
- Tag
 - Add/Delete Tag
 - Use of Tagging
- Menu
 - Standard Menu and Top Menu Concepts
 - Create Menu
 - Manage Menu Elements

Module 2-3

APPEARANCES AND SETTINGS

- Site Setup
 - General Settings
 - Setup Writing Mode
 - Setup Reading Mode
 - Setup Discussion
 - Set Media
 - Set Permalink
- Theme
 - Manage Theme
 - Install
 - Uninstall
 - Active
 - Inactive
 - Basic Theme Options
 - Advanced Theme Setup
- Plug-in Install and Setup

Module 2-4

PLUGINS AND OPTIONS

- Add Rating System on your Website
- Captcha and Login Security
- Spam Protection
- Change Back-end Logo
- Print or Download Page Content as PDF
- Customize the Banner, Logo, Footer Title
- Add Photo Slider on Front-Page or at any Page

SOCIAL NETWORK AND USER MANAGEMENT

- Social Network Facilities
 - Facebook Likebox
 - Facebook Like
 - Give Comments using Facebook
 - Twitter Feed
- Login and Registration using Facebook
- SEO (Search Engine Optimization)
- Newsletter Subscription
- Traffic Checker/Counter
- Website Statistics
- Profile Builder
- Page Access Control
- Admin Page Access Control

MEDIA HANDLING

- Creating Image Slider
- Video Slider
- Photo Gallery Setup
- Make Video Gallery
- Integrating Streaming Video Links
- Dynamic Table Creation
- News Scroller

ADVANCED PLUGINS

- Loan Calculator
- SMTP Mail Sending
- Website Cache Management (Make your Website Faster)
- Make Forum
- Make Job's Dashboard
- Creating Dynamic Contact Form

WORKING WITH THEMES

- Creating Website without the help of any Designing Concept (Visual Composer)
- Customizing User Interface
- Customizing Themes
- Custom Page Development

Module 3-1

Starting with eCommerce and WooCommerce

- Understanding eCommerce Business and Scopes
- Understanding eCommerce Website Terminologies
- Understanding WooCommerce
- Setup and Configuration of WooCommerce
- Understanding basics about Products and Product Categories

Module 3-2

Common E-Commerce Pages, Products, Categories

- Creating Sample Products and Categories
- Understanding Details about Products and Categories
- Creating sample Products and sample Categories
- Creating Category Page, and Product Pages
- Creating Shopping Cart Page and Checkout Page

Module 3-3

Order and Coupon Management

- Configuring Order Management
- Managing Orders
- Configuring Coupons
- Managing Coupons
- Setup of Order and Coupon Settings under General Settings

Module 3-4

Inventory, Shipping, Client Feedback Management

- Shop Outbound Mail Configuration
- Inventory Management
- Shipping Management
- Delivery Management

Module 3-5

Payment Gateway Management

- Setup of Payment Gateways
- Local and Foreign Payment Gateways
- Setup and Configuration of Local Gateways
- Setup and Configuration of Foreign Gateways
- Managing Payment Settings

Module 4-1

Concept about OpenCart

- What is OpenCart and how to Use it!
- How OpenCart works!
- Understanding the Pages of OpenCart
- Understanding the Admin Panel of OpenCart
- How to Setup OpenCart in Local Host
- How to Setup OpenCart in Linux Server

Module 4-2

Manage Categories, Product, Filter, Attribute, Options, Manufacturer, Review and Pages

- How to create/update/delete and manage Categories
- How to create/update/delete Products
- Concept and use of Filters
- Concept and use of Attribute
- How to create/update/delete and manage Options
- How to create/update/delete Manufacturer
- How to manage Reviews
- How to create Pages on OpenCart

Module 4-3

Working with OpenCart Design and General Settings

- Working with Banners
- Working with Themes
- Working with Layout Elements
- Customizing Themes
- Working with Stylesheets
- Configuring your Store and all General Settings

Module 4-4

Working with Payment Gateway and Order/Sales Processing

- How Payment Gateway works!
- Local Payment Gateways
- Foreign Payment Gateways
- Payment Processes and Steps
- Payment Gateway Integration
- Managing Sales and Order
- Viewing Sales and Order Reports

Working with Extensions/Modules

- Types of Extensions and Modules
- Working with OCMOD and VQMOD
- How to setup and configure OpenCart Modules
- How to find effective Module
- Understanding version compatibility of Modules
- OpenCart Extensions from OpenCart Website

Using Different OpenCart Modules/Extensions

- How to add Gender Field in OpenCart
- How to minimize the Registration Page
- How to create a Product Inquiry Form in Product Details Page
- How to add Product Zoom Facility
- How to add User Verification Process using Mail
- How to setup Lazy Loading Animation on your Website
- How to create the Provision to put JavaScript Code
- How to give Discount if Customer is subscribed in Newsletter
- How to disable Click and Copy on your Website
- How to change Wishlist Icons
- How to make SEO Friendly URL
- How to make AJAX Search Box