



CET-223

Web Technologies

Experiment # 26

Experiment Title

Developing an E-Commerce Website Using WordPress

Assessment of CLO(s): 04

Performed on _____

Student Name:			
Roll No.		Group	
Semester		Session	

Total (Max)	Performance (03)	Viva (03)	File (04)	Total (10)
Marks Obtained				
Remarks (if any)				

Experiment evaluated by

Instructor's Name	Engr. Bilal Iqbal		
Date		Signature	

OBJECTIVE:

The objective of this lab is to understand the significance of e-commerce websites, learn to set up WordPress for e-commerce development, install and configure the WooCommerce plugin, and create a functional e-commerce website.

INTRODUCTION:

E-commerce websites have revolutionized the way businesses operate by providing a platform for selling products and services online. With features like product catalogs, shopping carts, and secure payment options, these websites offer a seamless shopping experience. In this lab, we will explore how to create an e-commerce website using WordPress and the WooCommerce plugin, a popular tool for building online stores efficiently.

Setting Up WordPress

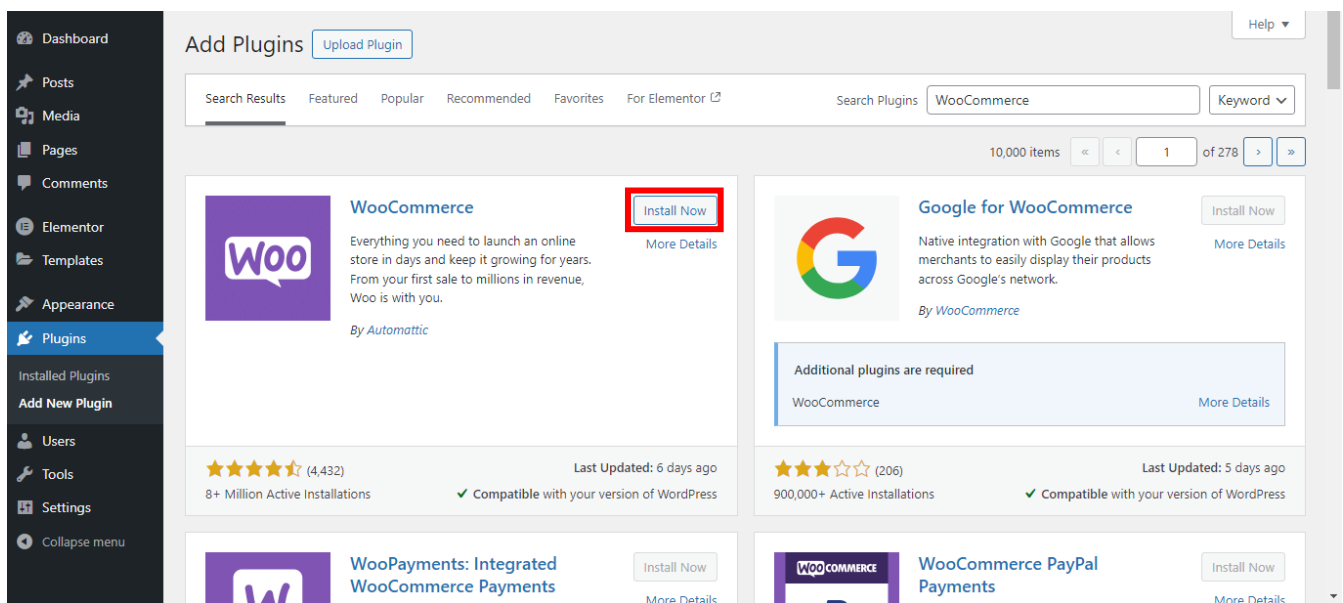
Step 1: Download and Install WordPress

1. Visit WordPress.org and download the latest version.
2. Install XAMPP from [Apache Friends](https://www.apachefriends.org) and start the **Apache** and **MySQL** services.
3. Extract the WordPress files to the `htdocs` directory in the XAMPP folder and rename it (e.g., `ecommerce_site`).
4. Open `http://localhost/phpmyadmin`, create a database (e.g., `ecommerce_db`), and configure WordPress by visiting `http://localhost/ecommerce_site`.

Installing and Configuring WooCommerce

Step 1: Install WooCommerce Plugin

1. Log in to the WordPress dashboard.
2. Navigate to **Plugins > Add New**.
3. Search for **WooCommerce** and click **Install Now**.



4. After installation, click **Activate**.

Step 2: WooCommerce Setup Wizard

1. Complete the setup wizard by providing:
 - Store details (address, currency, and product type).
 - Payment options (e.g., PayPal, Stripe).
 - Shipping options.
2. Create essential pages like **Shop**, **Cart**, **Checkout**, and **My Account** automatically.

Adding Products

Step 1: Create a Product

1. Navigate to **Products > Add New** in the dashboard.
2. Enter product details:
 - Title, Description, Price, and Images.
 - Product type (e.g., Simple, Variable).
3. Publish the product to make it visible on your site.

Step 2: Organize Products

1. Use categories and tags to organize your products.
2. Add attributes like size, color, etc., if required.

Designing the Website

Step 1: Customize Your Theme

1. Navigate to **Appearance > Customize** to modify the theme settings.
2. Choose a WooCommerce-compatible theme (e.g., Storefront) for better compatibility.

Step 2: Add Widgets and Menus

1. Use the WordPress customizer to add widgets like search, recent products, and featured products.
2. Create a navigation menu with links to **Shop**, **Cart**, and **Contact Us** pages.

Lab Task

Task Description

Create an e-commerce website using WordPress and WooCommerce. Your website should include:

1. At least five products, each with a title, description, price, and image.
2. A homepage showcasing featured products.
3. A functional cart and checkout process.
4. A contact page with a form and store details.