

VERSION

26

**CRASH COURSE**

**SR. CODE**

EAPL/CRASH/CRTC09

**COURSE CODE**

EACWP

**SUB CATEGORY**

SOFTWARE DEVELOPMENT

  
TOTAL DURATION  
**45**  
HOURS

  
THEORY TAKEN  
**07**  
HOURS

  
PRACTICAL TAKEN  
**38**  
HOURS

ELYSIUM  
ACADEMY  
CORE  
WORDPRESS  
**ELYSIUM  
ACADEMY  
CORE  
WORDPRESS**  
ELYSIUM  
ACADEMY  
CORE  
WORDPRESS  
ELYSIUM  
ACADEMY  
CORE

## COURSE DESCRIPTION



The WordPress Development course provides comprehensive training in building custom WordPress websites and themes. Participants will learn to develop WordPress themes from scratch using HTML, CSS, JavaScript as well as how to extend WordPress functionality through custom plugins.

## COURSE GOALS



The goal of the WordPress Development course is to equip participants with the knowledge and skills necessary to become proficient WordPress developers. By the end of the course, participants will be able to design and develop custom WordPress themes and plugins, tailor-made to meet the unique requirements of clients or personal projects.

## FUTURE SCOPE



Proficiency in WordPress development opens doors to a variety of career opportunities, including roles such as WordPress developer, web developer, freelance developer, and digital agency developer. With the continuous growth of online businesses and content-driven websites, skilled WordPress developers are in high demand.

# 01

## CHAPTER

### Overview

1. Introduction of different Web Technology
2. What is WordPress
3. How WordPress Works
4. Summary



**30**  
mins



**30**  
mins

# 02

## CHAPTER

### Setting up and Installing WordPress

1. Installation of server
2. Installation of WordPress
3. Installation of MY SQL
4. Summary



**01**  
HRS



**02**  
HRS

# 03

## CHAPTER

### HTML, CSS & JavaScript

1. Basic of HTML, CSS and JavaScript
2. Summary



**1.5**  
HRS



**03**  
HRS

# 04

## CHAPTER

### WordPress

1. Introduction to Blogging
2. First Steps With WordPress
3. WordPress Semantics - Learning the Jargon
4. New To WordPress - Where to Start
5. Using Images



**1.5**  
HRS



**04**  
HRS

6. Wrapping Text Around Images
7. Comments in WordPress
8. Finding WordPress Help
9. Post Formats
10. Linking to Posts, Pages, and Categories
11. Using Smilies
12. Links Manager
13. WordPress Feeds
14. Customizing Feeds
15. How to Use Gravatars in WordPress
16. Writing Code in Your Posts
17. Using Password Protection

# 05

## CHAPTER

### Designing

1. Developing a Colour Scheme
2. Designing Headers
3. CSS Horizontal Menus
4. Dynamic Menu Highlighting
5. Good Navigation Links
6. Next and Previous Links
7. Styling for Print
8. Designing Your Post Meta Data Section
9. Separating Categories in your Post Meta Data Section
10. Customizing the Read More
11. Formatting Date and Time
12. Styling Lists with CSS



**1.5**  
HRS



**3.5**  
HRS

- 13. Designing Headings
- 14. Playing With Fonts
- 15. Using Images
- 16. Fun Character Entities
- 17. Comprehensive list of design articles
- 18. Adding a Favicon

# 06

## CHAPTER

### Theme Development

- 1. WordPress CSS Information and Techniques
- 2. Finding Your CSS Styles
- 3. Creating Individual Pages
- 4. Uploading Files
- 5. I Make Changes and Nothing Happens
- 6. WordPress Blog Design and Layout
- 7. Using WordPress Themes
- 8. HTML to XHTML
- 9. Custom Post Types
- 10. Stepping Into Templates
- 11. Stepping Into Template Tags
- 12. Template Hierarchy
- 13. The WordPress Loop
- 14. The Loop in Action
- 15. Anatomy of a Template Tag
- 16. Theme Functions File Explained



1.5  
HRS



3.5  
HRS

# 07

## CHAPTER

### Website Development

1. Validating a Website
2. Know Your Sources
3. WordPress Housekeeping
4. WordPress Site Maintenance
5. Finding Server Info
6. HTML to XHTML
7. Migrating Multiple Blogs into WordPress 3.0 Multisite
8. Meta Tags in WordPress
9. Search Engine Optimization for WordPress
10. Accessibility



**1.5**  
HRS



**3.5**  
HRS

# 08

## CHAPTER

### MY SQL

1. Introduction about Database, Data Types, DML, DDL, Aggregate functions, Data Time functions, Stored Procedure, Sub query and join
2. MySQL Introduction
3. MySQL Connect
4. MySQL Create
5. MySQL Insert
6. MySQL Select
7. MySQL Where
8. MySQL Order By
9. MySQL Update
10. MySQL Delete



**01**  
HRS



**03**  
HRS

# 09

## CHAPTER

### **AJAX (Asynchronous JavaScript and XML)**

1. About Ajax
2. Setting up and implementing Ajax
3. PHP and AJAX
4. AJAX Intro
5. AJAX PHP
6. AJAX Database
7. AJAX XML
8. AJAX Live Search
9. AJAX RSS Reader
10. AJAX Poll
11. Summary

  
**1.5**  
HRS

  
**2.5**  
HRS

# 10

## CHAPTER

### **FTP Management**

1. Understanding FTP
2. Setting up FTP Server (Live)
3. Uploading and downloading FTP contents
4. Summary

  
**1.5**  
HRS

  
**1.5**  
HRS

# 11

## CHAPTER

### **Sending Emails**

1. Designing email panel
2. How to send an email to various users
3. Sending auto emails
4. Summary

  
**01**  
HRS

  
**1.5**  
HRS

# 12

## CHAPTER

### Deployment

1. Deploying application on Web Server
2. Implement Word Press Site
3. Troubleshooting the project application after implementation
4. Summary



**01**  
HRS



**1.5**  
HRS



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