



## PHP Training

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### Core PHP

#### Introduction to PHP

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- ✓ Evaluation of Php
  - ✓ Basic Syntax
  - ✓ Defining variable and constant
  - ✓ Php Data type
  - ✓ Operator and Expression
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#### Handling HTML Form With PHP

- ✓ Capturing Form Data
- ✓ Dealing with Multi Value field
- ✓ Generating File upload form
- ✓ Redirecting a form after submission

#### Decisions and loop

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- ✓ Making Decisions
- ✓ Doing Repetitive task with looping
- ✓ Mixing Decisions and looping with Html

#### Function

- ✓ What is a function
- ✓ Define a function
- ✓ Call by value and Call by reference
- ✓ Recursive function

#### String

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- ✓ Creating and accessing String
- ✓ Searching & Replacing String
- ✓ Formatting String
- ✓ String Related Library function

## Array

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- ✓ Anatomy of an Array
- ✓ Creating index based and Associative array
- ✓ Accessing array Element
- ✓ Looping with Index based array
- ✓ Looping with associative array using each() and foreach()
- ✓ Some useful Library function

## Working with file and Directories

- ✓ Understanding file and directory
- ✓ Opening and closing a file
- ✓ Copying ,renaming and deleting a file
- ✓ Working with directories
- ✓ Building a text editor
- ✓ File Uploading & Downloading

## Mini Project With (With File Handling)

### State management

- ✓ Using query string(URL rewriting)
- ✓ Using Hidden field
- ✓ Using cookies
- ✓ Using session

### String matching with regular expression

- ✓ What is regular expression
- ✓ Pattern matching in Php
- ✓ Replacing text
- ✓ Splitting a string with a Regular Expression

### Generating Images with PHP

- ✓ Basics of computer Graphics
- ✓ Creating Image
- ✓ Manipulating Image
- ✓ Using text in Image

## Database Connectivity with MySQL

- ✓ Introduction to RDBMS
- ✓ Connection with MySQL Database
- ✓ Performing basic database operation(DML) (Insert, Delete, Update, Select)
- ✓ Setting query parameter
- ✓ Executing query
- ✓ Join (Cross joins, Inner joins, Outer Joins, Self joins.)

## Mini Project

## Web Designing

### HTML

- ✓ Introduction to HTML
- ✓ HTML Tags
- ✓ Creating Forms
- ✓ Creating tables
- ✓ Managing home page

### CSS

- ✓ Introduction to CSS
- ✓ Three ways to use CSS
- ✓ CSS Properties
- ✓ Designing website
- ✓ Working with Templates

### Javascript

- ✓ Introduction to Javascript
- ✓ Three ways to use Javascript
- ✓ Working with events
- ✓ Clientside Validation

## JQuery

- ✓ Introduction to JQuery
- ✓ Validation using JQuery
- ✓ JQuery Forms
- ✓ JQuery Examples

## AJAX

- ✓ Introduction to AJAX
- ✓ PHP with AJAX
- ✓ Working with database

## Mini Project

## Advance PHP

### Introduction to OOPS

- ✓ Introduction
- ✓ Objects
- ✓ Declaring a class
- ✓ The new keyword and constructor
- ✓ Destructor
- ✓ Access method and properties using \$this variable
- ✓ Public ,private, protected properties and methods
- ✓ Static properties and method
- ✓ Class constant
- ✓ Inheritance & code reusability
- ✓ Polymorphism
- ✓ Parent:: & self:: keyword
- ✓ Instanceof operator
- ✓ Abstract method and class
- ✓ Interface
- ✓ Final

## Exception Handling

- ✓ Understanding Exception and error
- ✓ Try, catch, throw

## CMS Wordpress

### WordPress Introduction

- ✓ Understanding and Using domain names
- ✓ WordPress Hosting Options
- ✓ Installing WordPress on a Dedicated Server
- ✓ Understanding Directory Permissions

### Basics of WordPress User Interface

- ✓ Understanding the WordPress Dashboard
- ✓ Pages, Tags, Media and Content Administration
- ✓ Core WordPress Settings

### Finding and WordPress Using Plugins

- ✓ Finding and Installing Plugins Quickly and Easily
- ✓ Upgrading WordPress Plugins
- ✓ Recommended WordPress Plugins

### Working WordPress Themes

- ✓ Understanding the Structure of WordPress Themes
- ✓ Finding Themes and Choosing the Right One
- ✓ Installing and Configuring Themes
- ✓ Editing and Customizing Themes
- ✓ Using Theme Frameworks and Parent Child Themes
- ✓ Theme Best Practices

### WordPress Content Management

- ✓ Understanding Posts Versus Pages
- ✓ Organizing Posts with Categories
- ✓ Connecting Posts Together with Tags
- ✓ Custom Post Types and Custom Taxonomies
- ✓ Managing Lists of Links

## Creating and Managing Content

- ✓ Hands On Training on the WordPress Editors
- ✓ Hands On Training on the New Image Editor

## All Frameworks and CMS

### Framework

- ✓ CodeIgniter
- ✓ Laravel

### CMS

- ✓ WordPress
- ✓ Joomla!
- ✓ Drupal
- ✓ Magento (Ecommerce )