



# CodeIgniter



**CodeIgniter**

# About Course

CodeIgniter is an application development framework, which can be used to develop websites, using PHP. It is an Open Source framework. It has a very rich set of functionality, which will increase the speed of website development work. If you know PHP well, then CodeIgniter will make your task easier.

# CODEIGNITER

## CURRICULUM

### 1 Introduction To Codeigniter Object Oriented Programming

What is use of oops programming?

What is Class in PHP?

Declaration of Class.

Creating an object for class

PHP Access Specifier Private, protected and public

Inheritance

Encapsulation

Polymorphism

Abstract Class

Final Class in oops

Constructor " php 4

Constructor and Destructor " php5

Scope Resolution Operator (::) in php

Parent keyword in oops

Self keyword in oops

This keyword in oops

Class constants

2

## Model-View-Controller

Making Life Easier for the Developer

Model

Views

Helpers and Libraries

3

## Revisiting The Opening Example

First Things First: The Model

Creating the Controller

Creating the View

4

## A Slightly Different Approach: Templates

Modifying the Controller

Modifying the View

5

## CodeIgniter At A Glance

The system/Folder

The system/application Folder

6

## Initial Configuration

config.php

database.php

autoload.php

routes.php

7

## CodeIgniter Libraries

The Database Library

The Session Library

8

## CodeIgniter Helpers

The Form Helper

The URL Helper

9

## Creating Models, Views, And Controllers

Models and Database Tables

Controllers

Views

10

## Creating A Rudimentary Admin Framework

Using Folders to Organize Controllers

Creating the Login Mechanism

Creating the Home Page of the Admin Panel

11

## Importing And Exporting

Creating an Export Function for Categories

Creating an Export Function for Products

Importing a CSV Import Library for Products

12

## Creating A Page Manager

Creating the Database Table  
Creating the Model  
Creating the Admin/Pages Controller  
Creating the Administrative Views  
Choosing and Integrating a WYSIWYG  
Editor  
Updating the Welcome Controller

13

## Creating A Page Manager

Creating the Database Table and Model  
Adding a subscribe() Function  
Creating the Form  
Creating Administrative Screens

14

## Security

Filtering User Input  
Encrypting Sessions  
Additional Security Resources



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