PHP Framework

Course Highlights :

Laravel PHP Framework
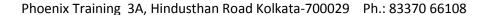
Introduction of Laravel PHP Framework

- Installing Laravel
- Artisan CLI (command-line interface)
- Laravel Directory Structure
- Configuring a new Laravel project
- Artisan command to generate boilerplate code for a controller
- Basic routing
- Call a controller method from a route
- Passing variables from controllers to views

HTML Template to Laravel Blade Template

- Template inheritance
- Master layout
- Extending the master layout
- Displaying variables
- Blade conditional statements
- Blade Loops
- Executing PHP functions in blade
- Displaying Your Views
- Creating and using a basic view
- Loading a view into another view/nested views
- Adding assets
- Integrating with Bootstrap

Migrations

- Introduction
- Requirements for running migrations
- Artisan migration command
- Migration structure
- How to create a table using a migration
- Laravel migration rollback
- Database Seeding
- Migrations for our project database

Using Forms and Gathering Input

- Creating contact, us form
- Validating user input
- Sending email
- Creating a file uploader
- Validating a file uploader
- Creating a custom error message

Creating a registration & user login form

- Using Artisan command to create inbuilt user register and login system – Authenticating Your Application
- Adding Custom Fields to Registration Form
- Creating user profile page

Admin Panel Setup

- Introduction
- Setup Admin Panel using Bootstrap theme
- Create Admin login
- Creating an admin authentication system
- Encrypting and decrypting data

Using Controllers and Routes for URLs and APIs

- Introduction
- Creating a basic controller
- Creating a route using a closure
- Making the controller RESTful
- Using route groups
- Building a RESTful API with routes

Eloquent ORM (Storing and Using Data)

- Eloquent ORM Models
- Naming conventions
- Table name and primary keys
- Timestamps
- Eloquent ORM INSERT, READ, UPDATE, DELETE
- Using models in controllers
- Displaying data from models in views

Creating and Using Composer Packages

- Introduction
- Downloading and installing packages
- Using a basic Shopping Cart package in our project

Using Ajax and jQuery

- Introduction
- Getting data from another page
- Setting up a controller to return JSON data
- Creating a jQuery, AJAX comment system

Security & Session

- Using Security
- Sessions Effective

CodeIgniter PHP Framework

Introduction of CodeIgniter PHP Framework

- What is CodeIgniter
- CodeIgniter License
- CodeIgniter versions
- CodeIgniter Feature
- CodeIgniter Installation
- CodeIgniter File System
- CodeIgniter Architecture
- CodeIgniter MVC
- Models
- Views
- Controller

CodeIgniter Example

- CodeIgniter First Example
- CodeIgniter URL
- CodeIgniter Create a site
- CodeIgniter Methods
- CodeIgniter Helper
- CodeIgniter Library
- CodeIgniter URL Routing
- CodeIgniter Hooks
- CI Passing Parameters
- CodeIgniter Driver

CodeIgniter Database

- CodeIgniter Database
- CI Database Insert
- CI Database select
- CI Login Form
- CI Database Login Form

CodeIgniter Security

- CI Security Class
- CI CSRF

Project

Exit Profile : PHP Developer

Certificate & Placement assistance will be provided after completion of the course & clearing exams.

Course Objective :

PHP Framework certification course is designed by experienced professionals to match the current industry requirements and demands. You will learn the importance of MVC Architecture in real time environment and will be able to develop applications based on the MVC Programming concept.