Laravel Training Overview

5500/-

Laravel is a free, open source PHP web application framework, designed for the development of model-view-controller (MVC) web applications. In this training, we will begin by preparing a dev environment and learning how to install and configure Laravel. Laravel is modern, dynamic and powerful PHP Framework for web development. Laravel allows you to develop applications which are flexible, user-friendly and clean. If you have knowledge of PHP then this course is easy for you. We provide professional and advance Laravel training for the affordable price.

Objectives of the Course

- Setting up and installing Laravel
- Using forms and gathering/validating inputs
- Creating an authentication system for your application
- Storing and using data by creating data tables and raw SQL statements
- Using controllers and routes for APIs and URLs
- Displaying views and loading nested views
- Creating and using composer packages
- Using jQuery and Ajax
- Implementing security and sessions effectively using encryption/decryption
- Deploying and integrating third-party services into the application.

Pre-requisites of Laravel Course Content

- Knowledge of PHP and MySQL is enough

Who can attend this course

- B.Tech, M.Tech, Ph.D. Researchers, Other Professional Researchers

Laravel Course Content

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 views
- 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