

## PHP Laravel-Training Syllabus

Batches: Weekdays/ Weekend

### **Introduction:**

- 1.1. Brief History
- 1.2. Advantages
- 1.3. Getting started with Laravel
- 1.4. Laravel MVC
- 1.5. Laravel routing

### **Essentials:**

- 2.1. Installing Composer and command line tool
- 2.2. Blade essentials
- 2.3. Resource controllers
- 2.4. Laravel Route groups and Filters
- 2.5. Models
- 2.6. Views
- 2.7. Controllers

### **Database:**

- 3.1. Working with database
- 3.2. Eloquent CRUD
- 3.3. Query builder
- 3.4. Eloquent relations

3.5. Migrations

3.6. Database seeding

### **Forms and validations:**

- 4.1. Setting up Laravel form
- 4.2. Validating a form
- 4.3. Creating Admin Post Resource
- 4.4. Creating a front end
- 4.5. Setting up the blog
- 4.6. Securing the admin panel
- 4.7. Handling Routing
- 4.8. Establishing an HTML view

### **Tables and Templates**

- 5.1. Creating tables with schema Builder
- 5.2. Enabling version control with migrations
- 5.3. Querying with eloquent ORM
- 5.4. Displaying Laravel code
- 5.5. Working with Blade templates

### **Conditions and Validations**

- 6.1. Defining conditions

6.2. Integrating form elements

6.3. Setting up authentication

6.4. Creating a registration form

6.5. Securing content

## **Testing**

7.1. Testing Laravel code

7.2. Setting up PHPUnit

7.3. Running an initial test

7.4. Handling framework assertions

## **Application**

8.1. Building a Laravel application

8.2. Authenticating users in Laravel

application 8.3. Deploying Laravel code  
in application

## **Crud operations**

9.1. Console base crud operations

9.2. Like add/update/delete with  
example module