

# Advanced PHP Laravel Programming Training Program

## Who can do?

- Fresh University Graduates and like to pursue a career in Software Development specifically related to Advanced PHP Programming language.
- Already work as a Software Developer and like to excel in terms of better position and compensation.
- Want to enhance its capability related to the framework of Laravel and get the better positions in software Development Companies.

**100,000+ Students  
have been Trained**

since  
1997

**Invest in  
People the  
only Asset  
that Appreciates**

**Program is  
offered by**

**3D EDUCATORS  
INTL**  
22 Years of  
Excellence in  
Training &  
Development



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## **Table of Content**

---

Detail

Inauguration

Structure

Topics & Time Allocation

Other Learning Activities

About the Program Designer & Instructor

Syllabus

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## About the Program Designer & Instructor

The “Advanced PHP with My SQL” Program have been designed and will be conducted the Senior Developers and Project Managers who has more than 20 years of experience in the field of development and project management.

The team has been providing his services in software industry for last 20 years and conducting so many different session with the Microsoft and develop real time applications for here and abroad.

The program consist on the following modules:

- Advanced PHP
- Laravel Framework
- Web based application

At present, faculty is working in information technology domain and working as senior developer. Further they have been involved in training and development for last fifteen years.

## Inauguration

The Training Program will be inaugurated by a senior member of 3DEducators

## Program Structure

|                                                                  |                  |
|------------------------------------------------------------------|------------------|
| No of classes per week                                           | <b>02 Class</b>  |
| Duration of each class                                           | <b>02 – Hour</b> |
| Total Duration                                                   | <b>02 Months</b> |
| Involved you with real time projects for experience and exposure |                  |

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## Program Syllabus:

The following is a customized course, design with the goal to help developers:

### 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



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## 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

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## 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

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## 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

## ADVANCED TOPICS

- Sending Emails and Notifications
- Queues and Jobs
- Advanced Eloquent and DB Operations
- Advanced Error / Exceptions
- Creating Artisan Commands
- Events and Listener
- Payments and Cashier
- Package Development

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Students who are unable to appear for the final exam are required to submit a written application stating the reason for not appearing for the exam. 3D Educators reserves the right to approve or deny such applications. If approved, the student will be allowed to sit for the exam within one month. Failure to do so, the student will be resubmit the examination fee and sit the future schedule exam. Without passing of the exams no certification will be awarded.

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## ONLINE LIVE CLASSES FACILITY AVAILABLE

- Instructor Led Training
- Real Time Presentations
- Interactive Classes
- Complete Notes and Other Stuff shall be provided through our Secure Student Login Member's Area
- For Online Live Classes, you may please download the Admission Form through our website <http://www.3deducators.com>. Fill it properly and attached the required document along with Picture and send back to [info@3deducators.com](mailto:info@3deducators.com) with scanned fee submitted voucher in the bank.
- For Pakistan you may submit the fee at any MCB Branch with the title of "3D EDUCATORS-TRAINERS & CONSULTANTS".
- If you are outside Pakistan then you may transfer via Bank to Bank or any western union, Fast Track, Money Gram or else International Transfer Body.
- After Admission, if you don't have GMAIL Account then you are requested to kindly make one GMAIL Account and shared it [info@3deducators.com](mailto:info@3deducators.com). Then further correspondence shall be made by our institute official.
- Extra Bandwidth Charges shall be incurred.

## DISTANCE NOT MATTER

You can join in the live classes Sessions of 3D EDUCATORS – TRAINERS & CONSULTANTS from anywhere of the world.

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## PRECAUTIONARY MEASURES

- During Classes, you are requested to make sure that you are in isolated room, where no noise should be there except your voice.
- Kindly Switch Off your Cell Phone during the class, because it will disturb the quorum of class.
- If you have taken the admission in the course online lonely, then ethically it is recommended and suggested that you alone in the class.
- Recording of Lectures are not allowed at your end.

This world is emerging and growing in the 21st Century very rapidly because of latest and remarkable technologies and its advancement. Due to advancement of technology, we 3D EDUCATORS offer Live Interactive class sessions

3D EDUCATORS believe on Information Technology and its systems. Now you can also avail this facility at your home.

## CONTACT US

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Get the Admission Form

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