

Laravel Lectureflow

The below given flow should be followed by each faculty while taking lectures. If the faculty decides to change the flow - he/she will need to first take permission from the Training coordinator at the HO (Ahmedabad office)

Module - 1 - Fundamentals	5
<ul style="list-style-type: none"> • HTML • CSS • Bootstrap • SQL 	
Module - 2 - Core PHP and OOPS and MVC	12
<ul style="list-style-type: none"> • Core PHP • MySQL Database Connectivity • OOPS • OOPS Application • MVC Architecture (CRUD Application) 	
Module - 3 - Introduction of Laravel PHP Framework	7
<ul style="list-style-type: none"> • Installing Laravel • Artisan CLI (command-line interface) • Laravel Directory Structure • Configuring a new Laravel project • Artisan command to generate boilerplate code for a controller • Basics of laravel:----> Routing • Controller • Middleware • Request • Response • HTML Template to Laravel Blade Template • 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 	
Module - 4 - Migrations	3

<ul style="list-style-type: none"> • 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 • Pagination 	
Module - 5 - Using Forms and Gathering Input	5
<ul style="list-style-type: none"> • Creating contact us form • Validating user input • Sending email • Creating a file uploader • Validating a file uploader • Creating a custom error message • Laravel Collective:----> Installation • Opening A Form • Form Model Binding • Form controls • Custom macros 	
Module - 6 - Creating a registration & user login form	7
<ul style="list-style-type: none"> • 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 and Introduction:----> Setup Admin Panel using Bootstrap theme • Create Admin login • Creating an admin authentication system • Encrypting and decrypting data 	
Module - 7 - Using Controllers and Routes for URLs and APIs	10

- Introduction
- Creating a basic controller
- Creating a route using a closure
- Making the controller RESTful
- Using route groups
- Building a RESTful API with routes
- Rest API with Passport Authentication
- Event
- Mail
- Queue
- Task Scheduling
- Eloquent ORM and Models:----> Naming conventions
- Table name and primary keys
- Timestamps
- Eloquent ORM INSERT, READ, UPDATE, DELETE
- Relationship
- Using models in controllers
- Displaying data from models in views
- Creating and Using Composer Packages :----> Downloading and installing packages
- Using a basic Shopping Cart package in our project
- socialite
- Using Ajax and jQuery:---> 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