

# PROGRAMMING CLASSES

UNIT OF MAGENOTO SOFTWARE PVT LTD  
AN ISO 9001:2015 CERTIFIED

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## SYLLABUS OF Laravel

### OVERVIEW OF Laravel

- ✓ Introduction of Laravel
- ✓ Features of Laravel
- ✓ History of Laravel
- ✓ Introduction of MVC Pattern
- ✓ Laravel Directory Structure

### Installation

- ✓ XAMPP Installation
- ✓ Composer Installation
- ✓ Git Installation
- ✓ Laravel Application Structure

### Laravel Routing

- ✓ Laravel Basic Routing
- ✓ Routing Parameters
- ✓ Laravel Named Routes
- ✓ Laravel Middleware
- ✓ Laravel Route Groups

### Laravel Contrallers

- ✓ Laravel Controllers
- ✓ Routing Controllers
- ✓ Resource Controllers
- ✓ Controller Middleware

### Laravel Views

- ✓ Laravel Views
- ✓ Passing data to views

### Laravel Blade Template

- ✓ Display Images
- ✓ Make Anchor
- ✓ Displaying Variables
- ✓ Conditional Statements
- ✓ Loop in blade
- ✓ PHP function
- ✓ Build Your Master layout
- ✓ Extending the master layout
- ✓ nested views
- ✓ Include Views
- ✓ Adding assets

### Using Forms and Gathering Input

- ✓ Adding HTML 5 Package
- ✓ Creating A form using Blade Syntax
- ✓ Validating user input
- ✓ File Uploading
- ✓ Error message Handling
- ✓ Encrypting and decrypting data

- ✓ **Preserving the data**

### **Laravel Migration**

- ✓ **Laravel Migration**
- ✓ **Migration Structure**
- ✓ **Generating Migrations**
- ✓ **Migration Commands**

### **Laravel Database**

- ✓ **Introduction Model**
- ✓ **Type of Database using**
- ✓ **Eloquent ORM Model**
- ✓ **Naming Convention**
- ✓ **Table name**
- ✓ **Primary key**
- ✓ **Timestamps**
- ✓ **Use model**
- ✓ **Display data from models in views**
- ✓ **Manage Mass Assignment**
- ✓ **CRUDS Operation (Create Read Update Delete Search Operations)**
- ✓ **Fluent**
- ✓ **Simple Query String**
- ✓ **CRUDS Operation (Create Read Update Delete Search Operations)**
- ✓ **Query Builder**
- ✓ **CRUDS Operation (Create Read Update Delete Search Operations)**

### **Security & Session**

- ✓ **Removing Public from URL**
- ✓ **Sessions Effective**