

Module 01 – HTML5

- Intro to HTML 5 & elements
- Headings, Paragraphs, Formatting tags
- List tags, Links tag
- Images, Picture, Source, Figure
- HTML Table tags
- HTML5 Semantic Tags
- HTML form elements
- HTML5 New Form Elements
- HTML5 Form Validation
- HTML Iframes tags
- HTML Video, Audio, Source
- HTML Canvas and SVG
- HTML Adding HTML Google Maps

Module 02 – CSS3

- What is CSS? types of CSS
- Basic CSS Properties
- Tag, Id and Class Selector
- CSS Background, Colors, Borders
- CSS Margins, Padding Height/Width
- CSS Box Model
- CSS Text, Web Fonts, Icons
- CSS Anchors, Links, Forms
- Grouping and Nesting of Selectors
- Pseudo-classes & Pseudo-elements
- CSS3 Gradients, Shadow Effects
- CSS3 Media Queries, CSS Reset
- Debugging Tools

Module 03 – Bootstrap

- Introduction to Bootstrap
- Getting Started with Bootstrap
- Bootstrap Grid System

- Tables and Cards
- Images and Media
- Forms Buttons & Alerts
- Navbar, Breadcrumbs and Badges
- Tabs, Pills and Tabbed Navigation
- Accordion, Model Carousel
- One Page Website Using Bootstrap

Module 04 – Core PHP

- Introduction to PHP
- PHP Syntax, Variables, Constants
- PHP Operators
- PHP Control Flow
- PHP Loops
- PHP Arrays
- PHP Functions
- PHP String, Date & Time Functions
- PHP Include() and Require() statements
- PHP Header Function
- PHP Forms and User Input
- PHP \$_GET and \$_POST
- PHP Server Side Form Validation
- PHP Regular Expression
- PHP Session and Cookie
- Working with jQuery Ajax

Module 05 – MySQL

- Introduction to MySQL
- Creating, Selecting, Dropping Database
- Creating, Inserting, Updating Tables
- How to work with indexes
- Connecting PHP & MySQLi
- How to select data from a single table
- Inserting, Updating and Deleting Data
- Where Clause, Order By, Group By

- How to select data from multiple tables, foreign keys, and the JOIN operation
- Security and SQL Injection

Module 06 – PHP Advanced

- Object-oriented Programming
 - How to create and use classes, How to code class constants, properties, methods, Working with objects, How to work with inheritance, namespace, use etc.
- PHP File Handling
- How to work with FileZilla
- Email Handling
- Creating a Product Catalog
- Shopping Cart
- Working with PHP Web-services & API

Module 07 – LARAVEL

- Introduction to Laravel & Create Project
- Routing & Responses
- Blade Templates
- Controllers
- Validation
- Database Usage
- Query Builder
- Schema Builder
- Middleware
- Eloquent ORM
- Eloquent Queries
- Eloquent Relationship

Projects

- Project Core PHP & MySQL
- Project using Laravel