

Web Design & Developments

Class-1

- Introduction to Web Design
- Website Designing Tools/Software
- Environment Setup
- Creating file/Startup page
- Html & Browser
- Html Syntax
- Head and Body
- Basic tags

Class-2

- Html Elements and Attributes
- Commenting in Html
- List in Html
- What is Table?
- Table Head and Body Content
- Table row and column

Class-3

- Introduction to form
- Input types and attributes
- Form arrangement and decoration
- Different types of image in html
- Iframe in Html
- Embedded video from YouTube
- Gif animation embedded

Class-4

- Introduction to CSS(Cascading style sheet)
- Syntax of CSS
- How to link CSS(Inline/Internal/External)
- Important property of CSS
- Layout concept of CSS

Class-5

- Introduction Selectors
- Universal & element types electors
- Id vs Class
- Descendant selector
- Child, Attribute, Pseudo, selector
- Selectors grouping
- Assignment-1

Class-6

- Flexbox
- Styling text
- Fonts & Icons
- Creating Menu

Class-7

- Position
- Floats
- Input box styling
- Background Image
- Dropdown Menu

Class-8

- Introduction To lovable CSS
- Border and rounded corners
- Gradient & shadow
- Transition & Transformation

Class-9

- CSS After and Before
- Implementing lovable CSS
- Making Creative sections

Class-10

- Overview of Responsive Web Design (RWD)
- Working with viewport
- Practicing Media Queries
- RWD Frameworks

Class-11

- Make Live Project(HTL & CSS)

Class-12

- Introduction to CSS framework
- How to install Bootstrap
- BS Button
- BS Table
- BS Form
- BS Image responsive
- BS Card

Class-13

- Great grid system
- Understanding devices screen size

Class-14

- Bootstrap Navs
- Navbar
- Model
- Breadcrumbs
- Pagination
- Labels
- Badges, Alerts
- Bootstrap Display

Class-15

- Flex
- Float
- Shadow

- sizing
- spacing
- vertical Align

Class-16

- Make a simple full responsive website.

Class-17

- Introduction to JavaScript's
- JavaScript's basic Syntax
- Variable in JS
- Operators, Data, and Function in JS
- Commenting in JS

Class-18

- Array in JS
- Loop
- Concept of Objects
- JS Conditions(If, else)

Class-19

- Introduction to jQuery
- jQuery Selectors
- Different types of jQuery methods

Class-20

- Amazing Effects
- Creating different types of mobile menu

Class-21

- Scrolling
- jQuery Animation
- CSS Animation Effects

Class-22

- Working with jQuery Plugins

Class-23

- Make Live Project.

Class-24

- What is domain and hosting?
- How to host a website in server?

Class-25

- Overview of back-end development
- Overview of front-end development
- Why use Database
- What is development environment
- Setup development environment
- Run PHP code

Class-26 (PHP Fundamentals 1)

- Basic syntax
- PHP naming convention
- Variables
- Super global variables

Class-27 (PHP Fundamentals 2)

- Operators
- Conditional statement
- Control Statements
- Arrays
- Build-in functions

Class-28 (Object Oriented Programing PHP-1)

- PHP Class
- Objects
- Property
- Methods

Class-29 (Object Oriented Programing PHP-2)

- Constructor
- Destructor
- Class autoload
- Composer
- Namespace

Class-30 (Object Oriented Programing PHP-3)

- Access modifier
- Inheritance
- Polymorphism
- Problem solving

Class-31 (PHP & MySQL -1)

- Introduce with database
- MySQL overview
- Database engine
- Create MySQL database
- Connect with MySQL database using PHP
- Write test query
- Close MySQL connection

Class-32 (PHP & MySQL -2)

- Insert data into database
- Read data from database

Class-33 (PHP & MySQL -3)

- Update data into database
- Delete data from database

Class-34 (Laravel Fundamentals)

- Understanding the concept of a framework.
- Understanding the concept of laravel design pattern (MVC)
- Laravel routing
- Middleware
- Laravel blade template engine
- Laravel templating
- Artisan command

Class-35 (Laravel Query Builder)

- Laravel Migration
- Inserting data using Query builder
- Updating data using Query Builder
- Deleting data using Query Builder
- Select data using Query Builde

Class-36 (Laravel ORM)

- Inserting data using ORM
- Updating data using ORM
- Deleting data using ORM
- Select data using ORM

Class-37 (Laravel Eloquent relationship)

- One To One
- One To Many
- One To Many (Inverse) / Belongs To

Class-38 (Laravel Eloquent relationship)

- Has One Through
- Has Many Through

Class-39 (Laravel Authentication)

- User login
- User registration
- Login with username or email
- Register with username or email
- Logout

Class-40 (Laravel file upload)

- Upload file/image
- List all uploads
- Update file/image
- Delete file/image

Class-41 (Validate Form, Error Handling & Laravel Faker)

- Validate request data(required, unique, etc..)
- Try catch handling
- Log writing
- Error page handling
- Show success / Failure message

- Create data seeder
- Seed data

Class-42 (Manage Backend Features & RESTful API Development)

- Api Development