‹FSWD›
Full Stack Web Development

Course Duration :- 6 MONTHS

HTML 5

- ✓ Introduction to html
- ✓ Elements
- ✓ Attributes
- ✓ Headings
- ✓ Paragraphs
- ✓ Formatting text
- ✓ Links Hyperlink
- ✓ Meta Tag
- ✓ Insert Image
- ✓ Insert Table
- ✓ Image Mapping
- ✓ Video on the Web
- ✓ Audio on the Web
- ✓ What are Semantic Elements?
- ✓ non-semantic elements: <div> and <span>
- ✓ semantic elements: <form>, <table>, and <img>
- ✓ New Semantic Elements in HTML5

CSS

- ✓ CSS Introduction
- ✓ CSS Syntax,CSS Id, Class and CSS Styling,Styling Backgrounds
- ✓ Styling Text,Styling Fonts, Links, Styling Lists and Styling Tables
- ✓ CSS Border
- ✓ CSS3 Modules
- ✓ Selectors
- ✓ Box Model
- ✓ Backgrounds and Borders
- ✓ Text Effects
- ✓ 2D/3D Transformations
- ✓ Animations
- ✓ Multiple Column Layout
- ✓ User Interface
- ✓ border-radius
- ✓ CSS3 @keyframes Rule
- ✓ Text-shadow
- ✓ 2D Transforms
- ✓ translate()

SQL

- ✓ Learn Database models
- ✓ Overview of SQL Server Management Studio and Transact-SQL language
- ✓ Master writing simple and complex queries that retrieve data from the database
- ✓ Calculate information across result sets using aggregate queries (sum, min, max, avg, etc.)
- ✓ Insert, update, and delete data
- ✓ Retrieve data from tables
- ✓ Joins
- ✓ Sub-queries
- ✓ Working with Data Types
- ✓ Procedure and Functions
- ✓ Understand the different Views
- ✓ Working with Triggers
- ✓ Design a database
- ✓ Maintain databases, tables, and sequences with SQL statements
- ✓ Create and manage views
- ✓ Ensure the integrity of multiple, related database updates by using transactions
- ✓ Retrieve data using cursors
- ✓ Manage binary data using BLOBs
- ✓ Connecting To Server
- ✓ History and Features of TSQL
- ✓ Data Manipulation Language
- ✓ Data Query Language (DQL)
- ✓ Built In Functions
- ✓ Common Table Expressions (CTE)
- ✓ SQL Server Authenticated

PHP

- ✓ History of PHP
- ✓ Versions and Differences between them
- ✓ Practicality
- ✓ Power
- ✓ Installation and configuring Apache and PHP
- ✓ Styles of PHP Tags
- ✓ Comments in PHP
- ✓ Output functions in PHP
- ✓ Datatypes in PHP
- ✓ Configuration Settings
- ✓ Error Types
- ✓ Variable Declarations
- ✓ Variable Scope
- ✓ Magic Constants
- ✓ Standard Pre-defined Constants
- ✓ Execution Control Statements
- ✓ Conditional Statements
- ✓ Creating Functions
- ✓ Passing Arguments by Value and Reference
- ✓ Recursive Functions
- ✓ How to create an Array
- ✓ Traversing Arrays
- ✓ Array Functions
- ✓ Classes, Objects, Fields, Properties, _set(), Constants, Methods
- ✓ Encapsulation
- ✓ Inheritance and types
- ✓ Polymorphism
- ✓ Constructor and Destructor
- ✓ Static Class Members, Instance of Keyword, Helper Functions
- ✓ Object Cloning and Copy
- ✓ Reflections
- ✓ Validating text boxes,emails,phone number,etc
- ✓ Creating custom regular expressions

JQUERY

- ✓ What You Should Already Know
- ✓ What is jQuery ?
- ✓ Adding the jQuery Library to Your Pages
- ✓ jQuery Syntax
- ✓ The Document Ready Function
- ✓ How to use Custom Scripts?
- ✓ Using Multiple Libraries
- ✓ jQuery – noConflict() Method
- ✓ String
- ✓ Numbers
- ✓ Boolean
- ✓ Objects
- ✓ Arrays
- ✓ Functions
- ✓ Arguments
- ✓ Scope
- ✓ Built-in Functions
- ✓ Find Elements by index
- ✓ Filtering out Elements
- ✓ Locating Descendent Elements
- ✓ Content Manipulation
- ✓ DOM Element Replacement
- ✓ Removing DOM Elements
- ✓ Inserting DOM elements
- ✓ JQuery Effect Methods, Hide and Show
- ✓ jQuery Toggle
- ✓ jQuery Slide – slideDown, slideUp, slideToggle
- ✓ Binding event handlers
- ✓ Removing event handlers
- ✓ Event Types
- ✓ The Event Object and Attributes
- ✓ Get Attribute Value
- ✓ Set Attribute Value
- ✓ JQuery DOM Traversing Methods

JAVASCRIPT

- ✓ Introduction to javascript
- ✓ Introduction of client side script
- ✓ Cross browser issues.
- ✓ Declaration syntax of javascript
- ✓ Statements
- ✓ Comments
- ✓ Popup Boxes
- ✓ Alert
- ✓ Confirm
- ✓ Prompt
- ✓ Variables, Arrays and Operators
- ✓ Variables
- ✓ Operators
- ✓ Arithmetic
- ✓ Assignment
- ✓ Comparison
- ✓ Logical
- ✓ Functions and types
- ✓ Conversion functions
- ✓ Conditional statements
- ✓ Window object Document object Arrays
- ✓ Date object
- ✓ Form validation

WORDPRESS

- ✓ WordPress plugins
- ✓ Creating widgets
- ✓ User Administration
- ✓ Content organization
- ✓ Web development
- ✓ Creating a post
- ✓ Customizing wordpress pages
- ✓ Plugin development
- ✓ Template tags
- ✓ Adding hyperlinks
- ✓ Introduction cms and wordpress
- ✓ Managing images and media
- ✓ WordPress themes