Assistant PHP Developer

Duration: 288 hrs.

Module 1:Introduction to Web Technology

Module 2: HTML

Module 3: CSS

Module 4: JAVA SCRIPT and Basics of XML

Module 5: MYSQL

Module 6: Development with PHP

Module 7: CMS - WordPress

Module 8: Basic Communication Skills

1. **Introduction to Web Technology**
   - History of web technologies and current standards
   - Approaches to web design and web development tools
   - Types of web sites(static and dynamic websites)
   - Client and Server side technologies

2. **HTML**

   - Introduction to HTML elements
   - HTML elements, tags and Attributes
   - Creating HTML Page
   - HTML links, List types
   - Creating HTML tables
   - Adding pictures & images
   - Adding audio & video
   - Working with Forms
   - new elements in HTML

3. **CSS**
   - What is CSS
   - Types of CSS(Inline, Internal & External)
   - Colors and Backgrounds (single and multiple)
   - Fonts and text

- Links
- Class and id selectors
- Div and span tag
- Box Model-Margins and padding
- Borders
- Positioning, floats and z-index
- Box-Shadow & Text -Shadow
- Gradients
- 2D and 3D Transforms, transitions and animation
- Media Query
- CSS grid with Bootstrap

4. JAVA SCRIPT and Basics of XML

- Introduction to JavaScript
- Basic structure
- Control Structure
- Arrays and Strings
- Functions
- Document Object Model
- Events and Methods
- Validation
- Basics of JQuery
- Introduction to XML
- Difference between HTML and XML
- Uses of XM
- XML Syntax
- XML Declarations
- XML Elements, Entities, Namespaces

5. MYSQL

- Overview of MY SQL
- Installation of MY SQL
- Introduction about Database, Data Types, DML, DDL
- Aggregate functions, Data Time functions
- Stored Procedure, Sub query and join
- MySQL Connect
- MySQL Create

- MySQL Insert
- MySQL Select
- MySQL Where
- MySQL Order By
- MySQL Update
- MySQL Delete

6. Development with PHP

- Introduction to PHP
- Introduction to web server, Wamp/Xampp installation and configuration files
- PHP syntax
- Variables and operators
- Control structures
- Arrays and strings
- Functions
- Forms and validation
- $_GET, $_POST& $_REQUEST
- Global variables
- Php Include
- File handling
- State Management(Cookies and sessions)
- OOPs Concepts
- E-mail
- Errors and exception
- Authentication (user login)
- Authorization(permissions)

7. CMS - WordPress

- Introduction to CMS, Features, Advantages & Disadvantages
- Introduction to WordPress
- System Requirement& Installation
- Understanding Directory
- Understanding the WordPress Dashboard
- WordPress settings
- WordPress Categories, Posts, Media, Pages, Tags, Links & Comments
- Installing & Customizing Plugins
- Adding & Manipulating Users
- Working with Themes
- Updating & Backing up WordPress Site

8. Basic Communication Skills

- Communication and its importance, Principal of effective communication
- Types of communication
- Body language
- Listening Skills - Importance of Effective Listening
- Difference between Hearing and Listening
- Measures to improve listening
- Employment skills- Contents of good Resume
- Guidelines for writing Resume
- Facing interviews
- Do's& Don'ts for an interview.