Web Development in PHP

Syllabus

Duration: 60 Hours

1. **HTML**
   - **Introduction to HTML**
   - **HTML Tags**
   - **Creating Forms**
   - **Creating tables**
   - **Managing home page**

2. **CSS**
   - **Introduction to CSS**
   - **Three ways to use CSS**
   - **CSS Properties**
   - **Designing website**
   - **Working with Templates**

3. **JAVA SCRIPT**
   - **Introduction to Javascript**
   - **Three ways to use Javascript**
   - **Working with events**
   - **Client-side Validation**

4. **AJAX**
   - **Introduction to AJAX**
   - **PHP with AJAX**
   - **Working with database**

5. **INTRODUCTION TO PHP**
   - **PHP Intro**
   - **PHP Install**
   - **PHP Syntax**
   - **PHP Variables**
   - **PHP Echo / Print**
   - **PHP Data Types**
   - **PHP Strings**
   - **PHP Constants**
   - **PHP Operators**

6. HANDLING HTML FORM WITH PHP

- **PHP Form Handling**
- **PHP Form Validation**
- **PHP Form Required**
- **PHP Form URL/E-mail**
- **PHP Form Complete**

7. DECISIONS AND LOOP

- **Making Decisions**
- **Doing Repetitive task with looping**
- **Mixing Decisions and looping with Html**
- **PHP If…Else…Elseif**
- **PHP Switch**
- **PHP While Loops**
- **PHP For Loops**

8. FUNCTION

- **What is a function**
- **Define a function**
- **Call by value and Call by reference**
- **Recursive function**

9. STRING

- **Creating and accessing String**
- **Searching & Replacing String**
- **Formatting String**
- **String Related Library function**

10. ARRAY

- **Anatomy of an Array**
- **Creating index based and Associative array**
- **Accessing array Element**
- **Looping with Index based array**
- **Looping with associative array using each() and foreach()**
- **Some useful Library function**

11. STATE MANAGEMENT

- **Using query string(URL rewriting)**
- **Using Hidden field**
- **Using cookies**
- **Using session**

12. STRING MATCHING WITH REGULAR EXPRESSION

- **What is regular expression**
- **Pattern matching in Php**
- **Replacing text**
- **Splitting a string with a Regular Expression**

13. DATABASE CONNECTIVITY WITH MYSQL

- **Introduction to RDBMS**
- **Connection with MySql Database**
- **Performing basic database operation(DML) (Insert, Delete, Update, Select)**
- **Setting query parameter**
- **Join (Cross joins, Inner joins, Outer Joins, Self joins.)Framework- Laravel**

14. Major Project Work

15. Placement Assistance Sessions

- Mock Interviews
- GDs
- Preplacement Talks
- Industry Exposer Sessions

16. Internship