

PHP Course Content

• Introduction to HTML

1. HTML Tags
 - (a) Div
 - (b) Section
 - (c) Aside
 - (d) Nav
2. Tables
3. Forms
 - (a) Styling forms
4. Introduction to HTML 5

• Introduction to CSS

1. CSS definition
2. Selectors
 - (a) Class
 - (b) ID
 - (c) Name
3. Inline Styling
4. External Stylesheet
5. Internal Stylesheet
6. Introduction to CSS 3
7. CSS3 transitions

• Introduction to JavaScript

1. Variables
2. Alert types
3. Functions

- a. User defined
 - b. Pre-defined
- 4. Form validation using js
 - 5. Introduction to AJAX.

• Introduction to PHP

- 1. History of PHP
- 2. Setting up Environment for PHP.
- 3. PHP Variables
- 4. PHP Data types
- 5. PHP Basic Syntax
- 6. PHP Operators

• PHP Super Global Variables

- i) GET
- ii) POST
- iii) REQUEST
- iv) SERVER
- v) Sending data from one page to another using query string

• PHP Pre-defined functions

- i) MySQLi functions
- ii) MySQLi fetch array
- iii) MySQLi fetch array_assoc()

• Decisions in PHP

- i) If
- ii) If – Else
- iii) Switch

• Looping

- i) For loop

- ii) While loop
- iii) Do – While loop
- iv) Foreach loop

• **Arrays in PHP**

- i) Types of arrays
- ii) Associative array
- iii) Indexed array
- iv) Multidimensional array

• **State Management**

- i) Sessions
- ii) Creating Sessions
- iii) Destroy sessions
- iv) Cookie
- v) Creating cookies
- vi) Destroy cookies

• **PHP Encryption**

- i) What is Encryption?
- ii) Why to use encryption?
- iii) Using of md5() function to create hash.

• **Working with databases**

- i) Introduction to mysql
- ii) Creating database
- iii) Creating tables
- iv) Primary key
- v) **CRUD(Create Retrieve Update Delete)** operation
- vi) Insert into database
- vii) Update into database
- viii) Delete into database
- ix) Select/Fetch from database

- **File uploading**

- i) Image uploading

- **Live Mini Project (Core PHP)**

- i) Creating basic structure for project(template cutting, code consistency).
 - ii) Hosting your project to a free server.

TECHNO EXPERT SOLUTIONS

Advance PHP

- **Introduction to OOPs (Object Oriented Paradigm)**

- i) Abstraction
- ii) Polymorphism
- iii) Inheritance
- iv) Classes and objects

- **Working with OOP PHP**

- i) Creating class
- ii) Creating objects

- **Introduction to MVC Framework**

- i) CodeIgniter**

- (1) Introduction to MVC approach
- (2) Codeigniter Introduction
- (3) Models
- (4) Views
- (5) Controllers
- (6) Helpers
- (7)

- ii) Laravel**

- (1) Introduction to laravel
- (2) Introduction to composer
- (3) Introduction to laravel CLI
- (4) Installing Laravel
- (5) Models, Blade Template Engine
- (6) Views
- (7) Controllers, Routes

Content Management System (CMS)

• Wordpress

- i) Installation guide.
- ii) Installation on Local server.
- iii) Installing Plugins in wordpress.
- iv) Customizing themes.
- v) Creating pages / posts.

• Drupal

- i) Installing drupal.
- ii) Configuring drupal.
- iii) Drupal administration menu
- iv) Dursh & Git
- v) Theming
- vi) Panels
- vii) Scaling Drupal

• Joomla

- i) Introduction
- ii) Concepts of joomla CMS
- iii) Front page manager
- iv) Archive Manager
- v) Articles Parameters
- vi) Media Manager
- vii) Installing Modules, Components & Plugins