BCS **Learning Hub**

Get Trained From The Best

Target Audience:

- Freshers, Diploma holders and Graduates from any discipline
- Software Developers
- Web developers, web designers, SEO specialists etc

PHP Training Course Syllabus

1. Designing Web Applications HTML

- Introduction to world wide web (www) HTML
- Internationalization Accessibility
- Character Encoding & References Document Structure
- Meta Tag & Heading Elements
- INS & DEL Tags Lists & Items
- Constructing Tables
- Floating
- Objects & Formatting
- Fonts With Styles
- Layout Design with
- Frame Form Control & Types Elements Attributes
- Structuring with Field set Access Key & Table Index
- Disabled & Read|Only Controls
- Index of Elements Index of Attributes

2. Javascript

- Introduction to JavaScript Java Script and HTML
- JavaScript Statement
- Write & Writeln
- Values & Variables
- Literals & Comments
- Expression in JavaScript Operators
- Conditional Statements
- Loop Statements
- Object Object Model
- Functions in JavaScript Navigator
- Object Hierarchy

- Object Hierarchy
- Window & Frame Object
- Document & Form Object
- Location& History Object
- Working with Windows & Frames
- Working with MIME Types | Playing Sounds

3. CSS Cascading Style Sheets

- Introduction to CSS
- Containment in HTML
- Grouping & Inheritance
- Class as Selector
- ID & Contextual
- Selectors Comments
- Pseudo
- Classes Pseudo
- Elements
- Cascading Order
- Formatting Model
- List item elements
- Floating & Inline elements
- Notation for Property Values Font Properties Color & Background Properties
- Text Properties
- Box Properties
- Classification properties Units & URL

4. Document Object Model (DOM):

- Basics of DOM
- DOM Hierarchy
- DOM Methods
- Functions
- Form Collection
- Table Collections
- Inner HTML
- Nodes & Child Nodes
- DOM with HTML & CSS.Basics of AJAX
- Using XML HTTP Request object
- AJAX with XML
- AJAX with PHP
- AJAX with MYSQL
- Model View Controller Architecture

5. XML

- Extensible Markup Language
- DTD to define XML Documents
- XML Documents and validating them against a DTD
- XSL to transform XML Documents and Presenting the Data in a Web Browser
- XML Document Object Model
- Active Server Pages with XML
- XML in SOAP

6. PHP

- PHP Configuration
- PHP Configuration parameters
- PHP data types
- Resources in PHP Portability / Compatibility issues
- Managing Date,Time and Calendar functions
- Scope of variables and functions
- Dynamic Function Calls Parsing variable arguments in functions
- Predefined PHP functions
- Predefined PHP
- Variables and constants
- Overview on XML

- Validating and Non validating
- XML
- DTD/XSD/Relax
- Understanding
- Namespaces an overview of XPath
- Parsing XML in PHP Using the Simple XML Parser
- An overview of W3C DOM
- PHP Database Connectors and API
- An overview on native Database connectors
- Database abstraction libraries

7. **MYSQL**

- MYSQL Databases with PHP
- MYSQL vs MYSQL extensions
- Managing MYSQL database with MYSQL extensions
- Handling Duplicates Performing Transaction using Stored Routines Triggers & Events
- Backup MYSQL Database
- Introduction to MySQL on the Web

THANK YOU
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