edustrom
Aim to Excellence.

Hypertext Preprocessor (PHP)

php

About Us

Edustrom is an initiative of CSK Technologies OPC Pvt. Ltd, established in the year 2015 , headquartered at Delhi. The main activity of Edustrom is providing training on Information Technology, which is delivered to its audience all over the Country via Computer Based Training Programs, Onsite Training Programs and Company Owned learning centers. We are a fast growing group of Individual ,expertise in IT Training & Placement.

Our Aim

We aim to impart practical knowledge on PHP/MySQL to the technical workforce of the country. As we know that Designing and Development of Web Applications is the need of the day, and people with such skills are very much in demand. We moto to bridge the demand and supply gap of Professional and Knowledgeable PHP Programmers.

Achievements

- Trained more than 350 Students in Delhi only.
- Having Classroom Training Locations and Presence Across Delhi.
- In a short span of time we reached to more than 20 corporate clients across Delhi
- Conducted Training Programs for many Premier Institutes.

Course Content

➤ About Course

In this course, you'll explore the basic structure of a web application, and how a web browser interacts with a web server.

➤ Syllabus

Introduction to PHP

Learning Objective: This module has basics of PHP. PHP is a script language and interpreter that is freely available and used primarily on Linux Web servers.

Topics:

- Evaluation of PHP
- Basic Syntax
- Defining variable and constant
- PHP Data type
- Operator and Expression

Handling Html Form With PHP

Learning Objective: In this module you will learn how to handle HTML form with PHP.

Topics:

- Capturing Form Data
- Dealing with Multi-value filed
- Generating File uploaded form
- Redirecting to a page after submission

Decisions and loop

Learning Objective: This module consists of Decision control & Looping systems.

Topics:

- Making Decisions
- Doing Repetitive task with looping
- Mixing Decisions and looping with Html

Function

Learning Objective: This module consists of Functions in PHP.

Topics:

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

String

Learning Objective: In this module you will learn String in PHP.

Topics:

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

Array

Learning Objective: In this module you will learn Array in PHP.

Topics:

- 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

Working with file and Directories

Learning Objective: This module consists of Files and Directory in PHP. You'll learn different operations that can be performed on files & directories.

- Understanding file & directory
- Opening and closing a file
- Copy, renaming and deleting a file
- Working with directories
- Building a text editor
- File Uploading & Downloading

State management

Learning Objective: This module consists of managing the various states present in PHP. States are responsible for storing data to cookie, session etc.

Topics:

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

String matching with regular expression

Learning Objective: In this module you will learn how to perform pattern matching operations within various operators.

Topics:

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

Generating Images with PHP

Learning Objective: This module consists of generating images using PHP.

Topics:

- Basics of computer Graphics
- Creating Image
- Manipulating Image
- Using text in Image

Introduction to OOPS

Learning Objective: In this section we will learn various concepts of OOPS with PHP.

- Introduction
- Objects
- Declaring a class
- The new keyword and constructor
- Destructor
- Access method and properties using $this variable
- Public ,private, protected properties and methods

Topics:

- Static properties and method
- Class constant
- Inheritance & code reusability
- Polymorphism
- Parent & self keyword
- Instance of operator
- Abstract method and class
- Interface
- Final

Exception Handling

Learning Objective: In this module you will learn how to manage the exceptions created in PHP.

Topics:

- Understanding Exception and error
- Try, catch, throw

Database Connectivity with MySQL

Learning Objective: This module consists of establishing connections with My SQL, manipulating data and maintaining them along with.

Topics:

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

HTML

Learning Objective: This module consists of learning the basic concepts of HTML, which is markup language used to develop webpages.

Topics:

- Introduction to HTML
- HTML Tags
- Creating Forms
- Creating tables
- Managing home page

CSS

Learning Objective: In this module you will learn how to style your pages by CSS3.

Topics:

- Introduction to CSS

- Three ways to use CSS
- CSS Properties
- Designing website
- Working with Templates

Java Script

Learning Objective: This module consists of JavaScript language You will explore the JavaScript Libraries.

Topics:

- Introduction to JavaScript
- Three ways to use JavaScript
- Working with events
- Client-side Validation

JQuery

Learning Objective: This module consists of JQuery language. You will explore the JQuery Library.

Topics:

- Introduction to JQuery
- Validation using JQuery
- JQuery Forms
- JQuery Examples

AJAX

Learning Objective: This module consists of AJAX language. You will explore the AJAX libraries and functions used.

Topics:

- Introduction to AJAX
- PHP with AJAX
- Working with Database

Understanding Controller

Learning Objective: This module consists of Controller. Controllers are meant to group associated request handling logic within a single class.

Topics:

- Request & Response Parameter
- Controller Action
- Request Life Cycle callbacks
- Request & Response Parameter
- Controller Action
- Request Life Cycle callbacks

Understanding Model

Learning Objective: In this module you'll get to know Models in PHP. Models are PHP classes that are designed to work with information in your database.

Topics:

- Creating Model for Database Table
- Retrieving Data Using Model
- Method for all Basic CURD(Create ,Read, Update, Delete)
- Create own Model method
- Making custom SQL Queries
- Data Validation

Understanding ORM(Object Relational Mapping)

Learning Objective: This module consists of Object Relational Mapping(ORM). It is a programming technique for converting data between incompatible type systems.

Topics:

- Working with Simple association
- One to One
- One to Many
- Many to Many

View

Learning Objective: This module consists of Views. Views are used to limit the exposure of tables in your database to external users and applications.

Topics:

- Working with layout
- Create custom Layout
- Working with Helper class
- Creating and using user define Helper
- Working with element

➤ Our Training Approach

We are not limited to any number of classes or day to complete the whole course, so basically time duration depends on batch strength and their learning skills. However the average course duration is 2.5 months.

Training Features

- Course proceeds as per student learning skills and catching power.
- Course repeat facility for all students for FREE.
- Theory and Practical classes held with every session.
- Per class 1-2 hours session.
- Students will be given adequate time to revise and practice the concepts learned in class.
- This Training Program covers Presentations, Real life Case Studies, Extensive Live Practical Demonstrations. An Experienced Faculty with a minimum experience of 3 Years will be available to provide you training and in order to help you start a career in Web Development.
- In this training program, students will get Assignments & Practical as homework which will help them to explore the already learned concepts & to guide them towards a path for research and development on each domain
- Focused on practical solutions to real-world development problems.

Why Edustrom ??

- Course repeat facility for all students for FREE.
- We are honest with our training and placement commitment.
- We have our own IT Job portal.

Job Opportunities

- Web Developer
- Software Developer
- Online Application Engineer
- PHP/MySQL Coder
- Work as a Freelancer
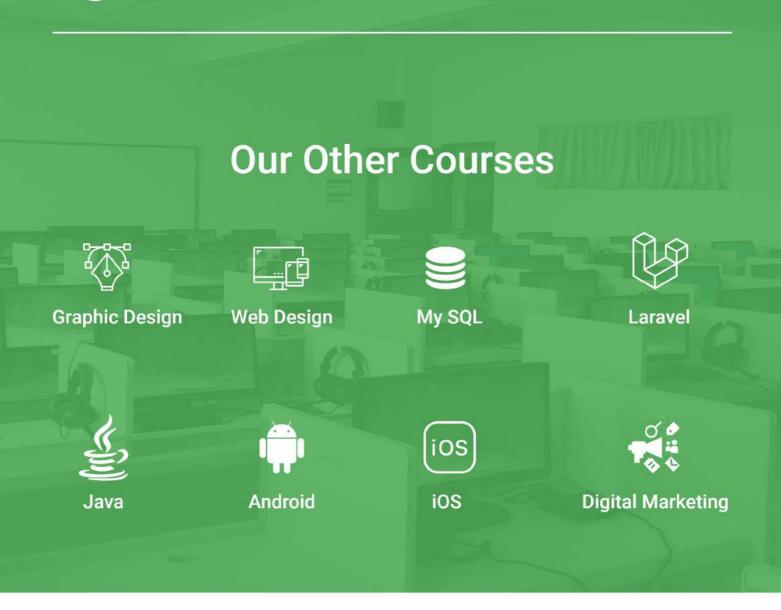- Mobile Application Developer

Why PHP ?

- PHP is easy to learn
- PHP has easy & understandable Syntax
- PHP supports all of the Leading Databases
- PHP is platform Independent
- PHP provides multiple frameworks

Course Fee

Amount: Rs.6500

Note: Students are required to bring their Laptop for Practical Classes.

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Our Other Courses

Graphic Design

Web Design

My SQL

Laravel

Java

Android

iOS

Digital Marketing

Contact Us

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