

Dear Student,

Based upon your enquiry we are pleased to send you the course curriculum for PHP

Given below is the brief description for the course you are looking for: -

Static Webpage Development

Introduction to web

- Browser
- Website
- Webpage
- Content of webpage
- Static vs dynamic webpage
- Technologies to create static webpage
- Technologies to create dynamic webpage

HTML5

Introduction to HTML

- What is HTML?
- Minimum structure of HTML
- What is tag in HTML?
- What is element in HTML?
- What is void element in HTML?
- What is Attribute?
- Nesting Elements

Basic elements

- The <html> element
- The <head> element
- The <body> element
- The <title> element
- The DOCTYPE Declaration
- Heading elements (h1-h6)
- The <p> element
- The element
- The <i> element
- The <u> element
- The element
- The element
- The <sup> element

The <sub> element
The <audio> element
The <video> element
The <figure> element
The <figcaption> element
The element
The <hr> element
The
 element
The <a> element

Table in HTML

The <table> element
The <tr> element
The <th> element
The <td> element
The <thead> element
The <tfoot> element
The <tbody> element
Giving caption in table

Input from User

The <input> element
The <button> element
The <textarea> element
The <select> element
The <option> element
The <optgroup> element
The <fieldset> element
The <legend> element
HTML5 input types
HTML5 input attributes
Datalists

List in HTML

The element
The element
The element

Elements for layouts

The <div> element
The element
The <header> element

The <footer> element
The <nav> element
The <section> element
The <aside> element
The <article> element

More elements in HTML

The <meta> element
The <script> element
The <link> element
The <iframe> element

Global attributes

The id attribute
The class attribute
The hidden attribute
The title attributes
The lang attributes

More HTML

HTML Symbols
Various attributes depend on elements
Validating Form data using HTML5
Embed YouTube video in Webpage
Embed Google map in Webpage

CSS (Cascading style sheet)

Basics of CSS

What is CSS and why we need it?
Internal CSS
External CSS
Inline CSS

CSS selectors

The type selector
The class selector
The id selector
The attribute selector
The descendant selector
grouping selector

The child selector
The universal selector

More CSS

Block level tags and inline level tags
Difference between div and span
Measurements
Fonts and typography
Managing text styles
CSS colours
Positioning elements
Pseudo classes
CSS box model
Fixed width layout
Responsive layout
CSS3 properties

Templates

HTML, CSS based templates
Create website using templates

Website Hosting

Free subdomain
Free hosing
Free vs paid hosting

JavaScript

Basics of JavaScript

JavaScript and HTML text
Using comments
Variables
Operators
Global variables
Local variables

Expression and control flow in Javascript

Conditionals
Looping

Functions

JavaScript Functions

Create your own functions

DOM (Document Object model)

Selecting page elements

Interacting with page Elements

More JavaScript

Accessing CSS properties from JavaScript

Adding new elements

Removing elements

Change attributes of HTML tags

using Interrupts

Animation

Validation

Dynamic Webpage Development

Basic Terms

Network

Internet

Client

Server

Types of server

Web Server

Web Client

IP address

Port number

More basics

HTTP request

HTTP response

Static webpage processing

Dynamic webpage processing

Ways of HTTP request

Installation of Software's

Installation of PHP, MySQL and Apache (Wampserver / XAMPP)

Installation of IDE

Basics of PHP

Introduction to PHP

- How to display output
- Datatypes and variable declaration
- Datatype conversion
- Using comments
- Operators
- Type casting

Control flow in PHP

Conditionals

- The if statement
- The else statement
- The else if statement
- The switch statement
- The ? operator

Looping

- while loop
- do...while loop
- for loop
- breaking out of a loop
- The continue Statement

Arrays in PHP

- Numerically Indexed arrays
- Associative arrays
- Assignment using the array keyword
- the foreach .. as loop
- Multidimensional arrays
- Super global arrays

Functions in PHP

- string functions
- date time functions
- utility functions
- using array functions
- Checking of function existence
- create your own functions
- Passing by value
- Passing by reference
- global variables in functions

Form Handling in PHP

Difference between GET and POST
Building Forms
Retrieving submitted data
Sanitizing input

Reusing Code in PHP

Include statement
Include once statement
The require statement
The require once statement
Breaking HTML, CSS template and reuse of it

OOPS programming in PHP

Declaring a class
Creating an object
Accessing objects
Cloning objects
Constructors
Destructors
Writing methods
Declaring properties
Declaring constants
Property and method scope
Static properties and methods
Inheritance

Exception Handling In PHP

types of errors
@ operator
try block
catch block

Cookies in PHP

Setting a cookie
Accessing cookie

Destroying a cookie

Session in PHP

Starting a session
Ending a session
Setting a timeout
Insert value in session
Show value from session
Update value of session
Destroy value of session
Session id

File Handling in PHP

Checking of file existence
Different modes of files
Creating a file
Reading from file

Database Programming in PHP using MySQL

Basic of database

What is data?
What is information?
What is table?
What is database?
DBMS vs RDBMS
What is SQL?

Introduction to MySQL

Accessing MySQL via the command line
Accessing MySQL via phpMyAdmin
MySQL commands
Import and export of database

SQL using MySQL

Creating a database
Selecting database
Datatypes

- Creating a table
- Inserting data into table
- Show data from table
- Show filtered data from table
- Update data in table
- Delete data from table
- Drop table
- Drop database
- Constraints
- Different types of clauses
- Normalization
- Nested Queries
- Joins

Accessing MySQL using PHP

- mysql vs mysqli
- Executing select query using mysqli
- Executing non select query using mysqli
- Using Prepared Statements

More PHP

- Uploading and Downloading in PHP
- Redirection and hashing
- Encryption and decryption
- Authentication (User Registration, Login, Logout etc.)
- SQL injection & securing website
- Regular expression
- Client side and server side validation
- Sending email through coding
- CAPTCHA
- Configure PHP.INI
- .htaccess file
- Report Generation (.csv file)

Ajax

- What is Ajax?
- Using XMLHttpRequest
- GET method
- POST method

JSON example
Check user availability
Auto suggest

Web services

Introduction to web service
Introduction to JSON
Creating web service
Consuming web service
JSON parsing

WordPress

Installation of WordPress
Getting started with WordPress
WordPress as a blogging platform
WordPress as a content management system
Work with WordPress themes
Manage multimedia in WordPress
Install plugins in WordPress
Page builder plugin
Adding of google map
Adding of contact form
Creating custom page template
Export and import of data

jQuery

jQuery getting started
jQuery syntax
jQuery selectors
jQuery events
jQuery effects
DOM manipulation using jQuery
jQuery AJAX
jQuery UI Widgets like date picker

Joomla

Installation of Joomla
Adding content

Updating content
Creating menu
Installing Joomla templates

Extra benefits

Developing SEO friendly Website
Hosting of Dynamic website
Introduction to MVC

Running PHP in Linux OS

Installation of Linux OS
Basic commands
Installation of Apache, MySQL, PHP
Installation of IDE

Project [Collection of related static webpages]

Project (Dynamic Website)

Project (WordPress project)

Placement Blog: <http://www.techaltum.org/>

Fees: - 11000

Available Discounts

- Flat 10% Discount on onetime payment.
- Flat 10% Discount if joining on the same day of demo or enquiry.
- Special discount for group joining(minimum 5 students)
- Got someone's reference??, get flat ₹ 500 Discount. .
- Flat 1000/- Discount for our old students..

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