

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
Datalist

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

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 colors
- Positioning elements
- Pseudo classes
- CSS box model
- Fixed width layout
- Responsive layout
- Some properties of CSS3

Templates

- HTML, CSS based templates
- Create website using templates

Website Hosting

- Free subdomain
- Free hosing
- Free vs paid hosting

JavaScript

Basics of JavaScript

- Variable declaration
- Operators
- Global variables
- Local variables

Functions in JavaScript

JavaScript Functions

Create your own functions

More JavaScript

Change content of element

Change attribute of element

Change CSS of element

Using setInterval

Animation

Validation

jQuery

jQuery getting started

jQuery syntax

jQuery selectors

jQuery events

jQuery effects

jQuery UI Widgets like date picker

Bootstrap

Download Bootstrap

Bootstrap Template

Bootstrap CSS

Bootstrap Components

Bootstrap JavaScript

Dynamic Webpage Development (PHP 7)

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

- Installation of PHP, MySQL or MariaDB and Apache
- Installation of IDE

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

Looping

- while loop
- do...while loop
- for loop
- breaking out of a loop

Arrays in PHP

- Numerically Indexed arrays
- Associative arrays
- Assignment using the array keyword
- foreach loop
- Multidimensional arrays

Super global arrays

Functions in PHP

String functions

Date time functions

Array functions

Checking of function existence

Create your own functions

Call by value

Call by reference

Global variables in functions

Form Handling in PHP

Difference between GET and POST

Building Forms

Retrieving submitted data

Reusing Code in PHP

include statement

include_once statement

require statement

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

Namespaces

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

Insert value in session

Show value from session

Update value of session

Destroy value of session

Session id

Database Programming in PHP using MySQL or MariaDB

Basic of database

What is table?

What is database?

RDBMS

What is SQL?

Introduction to MySQL or MariaDB

Accessing MySQL or MariaDB from command line

Accessing MySQL or MariaDB via phpMyAdmin

Import and export of database

SQL using MySQL or MariaDB

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
- Subqueries
- Joins

Accessing MySQL or MariaDB using PHP

- Executing select query using mysqli
- Executing non select query using mysqli

More PHP

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

Ajax

- What is Ajax?
- Using XMLHttpRequest
- GET method
- POST method
- JSON example
- Check user availability

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
- Export and import of data

Joomla

- Installation of Joomla
- Adding content
- Updating content
- Creating menu item

Website hosting with database

Running PHP in Linux OS

- Installation of Linux OS
- Basic commands
- Installation of Apache, MySQL or MariaDB, PHP
- Installation of IDE

Laravel Framework

Overview & installation of Laravel

- Introduction
- Server Requirements
- Composer
- Dependency Management
- Laravel Installation

Directory Structure

- Root Directory
- App Directory

Configuration

- Environment Configuration
- Accessing Configuration Values
- Maintenance Mode

Routing

- Basic Routing
- Route Parameters

Controllers

Views

Form

Blade Templates

Session

Validation

Database

Project (Collection of static webpages)

Project (Collection of static and dynamic webpages)

Project (WordPress based)

Course Duration	4 Months
Slots	Weekdays & Weekends
Placement	yes, http://www.techaltum.org/

Available Discounts

(Any two discounts are applicable on above fees)

- 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..

(Note: - These are Updated Content, which are effective from 1 Dec 2017)

Counselling