



# **HIDAYA INSTITUTE OF SCIENCE & TECHNOLOGY**

## **PHP Basic Course Plan**

# Introduction TO PHP

Date: Wednesday, June 02, 2021 (1 Day)

**Wednesday, June 02, 2021**

- Introduction To Programming Languages
- Client Server Architecture
- Difference Between Server Side And Client Side
- Installation

# PHP Language Basics

Date: Thursday, June 03, 2021 (1 Day)

**Thursday, June 03, 2021**

- Working With Variables
- Datatypes
- Constants
- Operators

# Looping & Branching

Date: Friday, June 04, 2021 (5 Days)

- Controlling The Flow Of The Script
- Conditional Code
- Loops

**Friday, June 04, 2021**

Saturday, June 05, 2021

**Sunday, June 06, 2021**

Monday, June 07, 2021

Tuesday, June 08, 2021

Wednesday, June 09, 2021

# 1<sup>st</sup> Performance Test & Presentation

Date: Thursday, June 10, 2021

Thursday, June 10, 2021

- First Performance Test & Presentation



# Web Forms & HTML

Date: Friday, June 11, 2021 (4 Days)

- Introduction
- Elements & Tags
- Form Controls
- Submitting form to PHP
- How to deal with Audio, Videos, Images
- What's new in html5

**Friday, June 11, 2021**

Saturday, June 12, 2021

**Sunday, June 13, 2021**

Monday, June 14, 2021

Tuesday, June 15, 2021

# Introduction TO Dreamweaver

Date: Wednesday, June 16, 2021 (1 Day)

**Wednesday, June 16, 2021**

- Introduction To Dreamweaver
- What is an IDE?
- Why Dreamweaver?

# CSS (Cascading Stylesheets)

Date: Thursday, June 17, 2021 (3 Days)

- Introduction To CSS
- Why CSS
- Pseudo Classes
- CSS Selectors
- Layouts
- CSS3

**Thursday, June 17, 2021**

Friday, June 18, 2021

Saturday, June 19, 2021

**Sunday, June 20, 2021**



# String Manipulation

Date: Monday, June 21, 2021 (2 Days)

- Working With Strings
- Manipulating Strings
- String Functions & Operations

**Monday, June 21, 2021**

**Tuesday, June 22, 2021**

# 2<sup>nd</sup> Performance Test & Presentation

Date: Wednesday, June 23, 2021

Wednesday, June 23, 2021

- Second Performance Test & Presentation



# Arrays

Date: Thursday, June 24, 2021 (3 Days)

- Working with Arrays
- How to create array
- Traversing, Searching, Sorting
- How to retrieve data from array
- Two dimension Array
- Multi dimension Array

**Thursday, June 24, 2021**

Friday, June 25, 2021

Saturday, June 26, 2021

**Sunday, June 27, 2021**

# Sessions

Date: Monday, June 28, 2021 (2 Days)

- Working With Sessions
  - What Is Session?
  - Client Server Architecture.
  - HTTP Protocol
  - Why And Where Session Is Used?
  - How Session Works?

**Monday, June 28, 2021**

**Tuesday, June 29, 2021**

# 3<sup>rd</sup> Performance Test & Presentation

Date: Wednesday, June 30, 2021

Wednesday, June 30, 2021

- Third Performance Test & Presentation



# Functions

Date: Thursday, July 01, 2021 (2 Days)

- PHP Functions
- What are Functions?
- Why Functions are used?
- Custom Functions
- Built in Functions

Thursday, July 01, 2021

Friday, July 02, 2021

Saturday, July 03, 2021 – (First Saturday Holiday)

Sunday, July 04, 2021

# JavaScript

Date: Monday, July 05, 2021 (4 Days)

- Introduction To Javascript
- History of Javascript
- What JAVASCRIPT can do?
- Javascript Syntax
- Loops, Arrays, Variables etc

**Monday, July 05, 2021**

Tuesday, July 06, 2021

Wednesday, July 07, 2021

Thursday, July 08, 2021

# Form Validation

Date: Friday, July 09, 2021 (2 Days)

- Validating Data
- Server Side Validation
- Client Side Validation

**Friday, July 09, 2021**

Saturday, July 10, 2021

**Sunday, July 11, 2021**



# 4<sup>th</sup> Performance Test & Presentation

Date: Monday, July 12, 2021

Monday, July 12, 2021

- Fourth Performance Test & Presentation



# Database

Date: Tuesday, July 13, 2021 (5 Days)

- What Is Database
- DBMS & RDBMS
- What Is MySQL
- What Is SQL
- SQL Functions
- Administrating Through PHPMyAdmin
- SQLYog GUI Tool
- Queries
- Joins
- Normalization

**Tuesday, July 13, 2021**

Wednesday, July 14, 2021

Thursday, July 15, 2021

Friday, July 16, 2021

Saturday, July 17, 2021

**Sunday, July 18, 2021**

# Database In PHP

Date: Monday, July 19, 2021 (3 Days)

- Connecting To MySQL
- Executing Queries
- Adding Records
- Retrieving Records

**Monday, July 19, 2021**

Tuesday, July 20, 2021

**Wednesday, July 21, 2021 – (Eid Al-Adha Holiday)**

**Thursday, July 22, 2021 – (Eid Al-Adha Holiday)**

**Friday, July 23, 2021 – (Eid Al-Adha Holiday)**

Saturday, July 24, 2021

**Sunday, July 25, 2021**

# 5<sup>th</sup> Performance Test & Presentation

Date: Monday, July 26, 2021

Monday, July 26, 2021

- Fifth Performance Test & Presentation



# Time Manipulation

Date: Tuesday, July 27, 2021 (1 Day)

- Working With Date And Time
- Date And Time Functions

**Tuesday, July 27, 2021**

# Filing

Date: Wednesday, July 28, 2021 (3 Days)

- Dealing With Filing System
- File Uploading
- Create, Read, Write, Append, Copy

**Wednesday, July 28, 2021**

Thursday, July 29, 2021

Friday, July 30, 2021

# Object Oriented Programming

Date: Saturday, July 31, 2021 (5 Days)

- Introduction To OOP
- Why OOP
- Classes
- Objects
- Inheritance
- Encapsulation

**Saturday, July 31, 2021**

**Sunday, August 01, 2021**

**Monday, August 02, 2021**

**Tuesday, August 03, 2021**

**Wednesday, August 04, 2021**

**Thursday, August 05, 2021**

# 6<sup>th</sup> Performance Test & Presentation

Date: Friday, August 06, 2021

- Sixth Performance Test & Presentation

Friday, August 06, 2021

Saturday, August 07, 2021 – (First Saturday Holiday)

Sunday, August 08, 2021





# Ajax

Date: Monday, August 09, 2021 (3 Days)

- Introduction To Ajax
- Why Ajax Is Used?
- Preventing Unnecessary Data
- How to Send Data without Reloading the Page

**Monday, August 09, 2021**

**Tuesday, August 10, 2021**

**Wednesday, August 11, 2021**

# Cookies

Date: Thursday, August 12, 2021 (2 Days)

- Introduction To Cookies
- Why Cookies Are Needed?
- How Cookies Work?

**Thursday, August 12, 2021**

**Friday, August 13, 2021**

**Saturday, August 14, 2021 – (Independence Day Holiday)**

**Sunday, August 15, 2021**

# Integration TO Built-in Modules

Date: Monday, August 16, 2021 (1 Day)

**Monday, August 16, 2021**

- Slider
- Calendar
- Wysiwyg Editor
- DataTables

# Working on Remote Host

Date: Tuesday, August 17, 2021 (1 Day)

- What Is Web Hosting?
- Free Web Hosting
- Ftp Tools

**Tuesday, August 17, 2021**

**Wednesday, August 18, 2021**  
**(9<sup>th</sup> Muharram Holiday)**

**Thursday, August 19, 2021**  
**(10<sup>th</sup> Muharram Holiday)**

# Error Reporting

Date: Friday, August 20, 2021 (1 Day)

- What Is Error?
- Types Of Error
- Error Handling

**Friday, August 20, 2021**

# Email

Date: Saturday, August 21, 2021 (1 Day)

- How To Send Emails?
- Send Emails Through PHPMailer

**Saturday, August 21, 2021**

**Sunday, August 22, 2021**

# Reporting

Date: Monday, August 23, 2021 (3 Days)

- What is Reporting?
- Why Reporting?
- How To Generate pdf Reports?
- How To Generate xls Reports?

**Monday, August 23, 2021**

**Tuesday, August 24, 2021**

**Wednesday, August 25, 2021**

# Bootstrap

Date: Thursday, August 26, 2021 (2 Days)

- What is Bootstrap?

**Thursday, August 26, 2021**

**Friday, August 27, 2021 – (Official Holiday)**

**Saturday, August 28, 2021 – (Official Holiday)**

**Sunday, August 29, 2021**

**Monday, August 30, 2021**



# 7<sup>th</sup> Performance Test & presentation

Date: Tuesday, August 31, 2021

**Tuesday, August 31, 2021**

- Seventh Performance Test



# Final Project

Date: Wednesday, September 01, 2021 (26 Days)

- Final Project

<b>Wednesday, Sept 01, 2021</b>
<b>Thursday, Sept 02, 2021</b>
<b>Friday, Sept 03, 2021</b>
<b>Saturday, Sept 04, 2021 Holiday</b>
<b>Sunday, Sept 05, 2021</b>
<b>Monday, Sept 06, 2021</b>
<b>Tuesday, Sept 07, 2021</b>
<b>Wednesday, Sept 08, 2021</b>
<b>Thursday, Sept 09, 2021</b>
<b>Friday, Sept 10, 2021</b>
<b>Saturday, Sept 11, 2021</b>
<b>Sunday, Sept 12, 2021</b>

<b>Monday, Sept 13, 2021</b>
<b>Tuesday, Sept 14, 2021</b>
<b>Wednesday, Sept 15, 2021</b>
<b>Thursday, Sept 16, 2021</b>
<b>Friday, Sept 17, 2021</b>
<b>Saturday, Sept 18, 2021</b>
<b>Sunday, Sept 19, 2021</b>
<b>Monday, Sept 20, 2021</b>
<b>Tuesday, Sept 21, 2021</b>
<b>Wednesday, Sept 22, 2021</b>

<b>Thursday, Sept 23, 2021</b>
<b>Friday, Sept 24, 2021</b>
<b>Saturday, Sept 25, 2021</b>
<b>Sunday, Sept 26, 2021</b>

# Final Project Presentation

Date: Monday, September 27, 2021 (3 Days)

- Project Checking
- Final Presentation

**Monday, Sept 27, 2021**

**Tuesday, Sept 28, 2021**

**Wednesday, Sept 29, 2021**

# Farewell & Certificate Distribution Ceremony

Date: Thursday, September 30, 2021

**Thursday, Sept 30, 2021**

- Farewell Lunch
- Certificate Distribution

# Evaluation Criteria

## Marking Criteria

- 5% on Presentations
- 5% on Reading Assignments
- 10% on Attendance
- 10% on Assignments
- 30% on Final Project
- 40% on Class Tests

## Remarks

- ▶ **90 - 100 superb**
- ▶ **80 – 89 Excellent**
- ▶ **70 – 79 Good**
- ▶ **60 – 69 Average**
- ▶ **40 – 59 Satisfactory**
- ▶ **Below 40 Unsatisfactory**