



**Mangalmai Institute of Management Technology**  
Greater Noida (U.P.)



**MANGALMAY**  
INSTITUTE OF MANAGEMENT TECHNOLOGY



# **CERTIFICATION PROGRAMME**

**On**

**Introduction to PHP**

**From**

**21<sup>st</sup> September 2022 to 14<sup>th</sup> November 2022**

**Convener: Mr. Abhay N Tripathi, Associate Professor**

**For BCA 3<sup>rd</sup> Semester**

**Resource Person**

**Mr. Krishan Kumar**

**Assistant Professor, MIMT**



## **Syllabus**

### **Introduction to PHP**

**Duration: 30 hours**

#### **Module I**

##### **Introduction to PHP**

Evaluation of PHP, Basic Syntax, Defining variable and constant, Php Data type, Operator and Expression. Making Decisions, Doing Repetitive task with looping, Mixing Decisions and looping with Html.

#### **Module II**

##### **Function and Array**

What is a function, Define a function, Call by value and Call by reference, Recursive function, String Creating and accessing, String Searching & Replacing String, Formatting String, String Related Library function

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.

#### **Module III**

##### **Working with file and Directories**

Capturing Form, Data Dealing with Multi-value filed, and Generating File uploaded form, redirecting a form after submission.

Understanding file & directory, Opening and closing, a file, Coping, renaming and deleting a file, working with directories, Creating and deleting folder, File Uploading & Downloading.

##### **Working with PHP Sessions**

Session Overview, How Session Work, Global Session ,Variables, Session and Array, Expiring Session, Session Storage.

### **References:**

Learning PHP, MySQL, books by ' O' riley Press



### Schedule

Duration: 30 hours

Session	Content	Time	Date
1.	Evaluation of Php, Basic Syntax, Defining variable and constant	03:00-05:00	21-Sep-22
2.	Php Data type, Operator and Expression	03:00-05:00	22-Sep-22
3.	Making Decisions, Doing Repetitive task with looping, Mixing Decisions and looping withHtml	03:00-05:00	28-Sep-22
4.	What is a function, Define a function	03:00-05:00	29-Sep-22
5.	Call by value and Call by reference	03:00-05:00	06-Oct-22
6.	Recursivefunction, String Creating and accessing	03:00-05:00	13-Oct-22
7.	String Searching & Replacing String , Formatting String, String Related Library function	03:00-05:00	14-Oct-22
8.	Anatomy of an Array, Creating index based and Associative array Accessing array	03:00-05:00	20-Oct-22
9.	Element Looping with Index based array	03:00-05:00	21-Oct-22
10.	Looping with associative array using each () and foreach(),Some useful Library function	03:00-05:00	28-Oct-22
11.	Capturing Form, Data Dealing with Multi-value filed	03:00-05:00	03-Nov-22
12.	Generating File uploaded form,redirecting a form after submission	03:00-05:00	04-Nov-22
13.	Understanding file & directory, Opening and closing, a file	03:00-05:00	10-Nov-22
14.	Session Overview, How Session Work, Global Session ,Variables	03:00-05:00	11-Nov-22
15.	Session and Array, Expiring Session, Session Storage	03:00-05:00	14-Nov-22



<b>Report</b>	
<b>Name of Activity</b>	Introduction to PHP
<b>Date</b>	21 <sup>st</sup> September 2022 to 14 <sup>th</sup> November 2022
<b>Venue</b>	BCA Classroom
<b>Organized by</b>	Computer Application Department
<b>Resource Person</b>	Mr. Krishan Kumar, Assistant Professor, MIMT
<b>Beneficiary</b>	BCA 3 <sup>rd</sup> Semester (24 students)
<b>Coordinator</b>	Mr. Abhay N Tripathi, Associate Professor, MIMT
<b>Objective</b>	This Introduction to PHP course equips students with the fundamental skills to create dynamic web pages, manage data, and build functional scripts using PHP.
<b>Content</b>	<p>With the initiative of IQAC, Mangalmai Institute of Management and Technology organized add on certification course on “Introduction to PHP”.</p> <p>Day1: The session started with the Evaluation of PHP, Basic Syntax, Defining variable and constant was discussed</p> <p>Day 2: In this session, the resource person introduce Php Data type, Operator and Expression.</p> <p>Day 3: In this session, the student came to know about Making Decisions, Doing Repetitive task with looping, Mixing Decisions and looping with Html.</p> <p>Day 4: This session was focused on What is a function and Define function.</p> <p>Day 5: Student learnt Call by value and Call by reference.</p> <p>Day 6: Recursive function, String Creating and accessing by the resource person</p> <p>Day 7: The session starts with String Searching &amp; Replacing String , Formatting String, String Related Library function.</p> <p>Day 8: Resource person discussed about the Anatomy of an Array, Creating index based and Associative array Accessing array.</p> <p>Day9: Element Looping with Index based array was taught in the Classroom.</p> <p>Day 10: In this session, the resource person discusses the Looping with associative array using each () and foreach(), Some useful Library function.</p> <p>Day 11: In this session, Capturing Form, Data Dealing with Multi-value filed.</p> <p>Day 12: Generating File uploaded form, redirecting a form after submission was taught.</p> <p>Day 13: In this session, Understanding file &amp; directory, Opening and closing, a file was taught.</p> <p>Day 14: In this session, the resource person delivered Session Overview, How Session Work, Global Session , Variables.</p> <p>Day 15: In this session, the resource person discusses Session and Array, Expiring Session, Session Storage.</p>
<b>Outcome of Activity</b>	Understand how PHP works for server-side scripting and how to configure PHP using the php. ini file. Gain proficiency in basic PHP syntax, including variables, operators, and writing your first PHP script. Learn to create dynamic web pages and pass variables using the query string for interactive content



## Resource Person Profile

**Name :** Mr. Krishna Kumar, Asst. Professor, MIMT

**Core Skills:** Data Security, Database design, Software Testing,

**Qualification:** MCA, M.Tech, PhD(P)

**Experience:** 18 years

**Research Area:** Software testing.





**Certificate Template:**

	<p><b>MANGALMAI</b> INSTITUTE OF MANAGEMENT TECHNOLOGY Gr. NOIDA</p>	
<p><b>CERTIFICATE OF COURSE COMPLETION</b></p>		
<p>This is to certified the <b>Ajeet Chandela</b> student of BCA (Batch: 2021-24) has successfully completed <b>30 Hours</b> course on “<b>Introduction to PHP</b>” from <b>21-September-2022</b> to <b>14-November-2022</b></p>		
 <b>PRINCIPAL</b> Mangalmai Institute of Management & Technology		 <b>CONVENER</b> Mangalmai Institute of Management Technology



**Mangalmai Institute of Management Technology**  
Greater Noida (U.P.)





Course: BCA

ADD-ON COURSE QUIZ  
Course Name: Introduction to PHP

Time: 30 Min

Date:

Roll No:

Name: Sudeep

Year/Sem: II/III

Invigilator's Sign: Nehe

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

- What is PHP?
  - a) PHP is an open-source programming language
  - b) PHP is used to develop dynamic and interactive websites
  - c) PHP is a server-side scripting language
  - d) All of the mentioned
- Who is the father of PHP?
  - a) Drek Kolkevi
  - b) Rasmus Lerdorf
  - c) Willam Makepiece
  - d) List Barely
- What does **PHP** stand for?
  - a) PHP stands for Preprocessor Home Page
  - b) PHP stands for Pretext Hypertext Processor
  - c) PHP stands for Hypertext Preprocessor
  - d) PHP stands for Personal Hyper Processor
- Which of the following is the correct syntax to write a PHP code?
  - a) <?php ?>
  - b) < php >
  - c) < ? php ?>
  - d) <? ?>
- Which of the following is the correct way to add a comment in PHP code?
  - a) #
  - b) //
  - c) /\* \*/
  - d) All of the mentioned
- Which of the following is the default file extension of PHP files?
  - a) .php
  - b) .ph
  - c) .xml
  - d) .html
- How to define a function in PHP?
  - a) functionName(parameters) {function body}
  - b) function functionName(parameters) {function body}
  - c) function functionName(parameters) {function body}
  - d) data type functionName(parameters) {function body}
- What will be the output of the following PHP code?
 

```
<?php
Sx = 10;
Sy = 20;
if ($x > $y && 1||1)
    print "1000 PHP MCQ";
else
    print "Welcome to Sanfoundry";
?>
```

  - a) no output
  - b) Welcome to Sanfoundry
  - c) 1000 PHP MCQ
  - d) error
- Which is the right way of declaring a variable in PHP?
  - a) \$3hello
  - b) \$\_hello
  - c) \$this
  - d) \$\_Hello
- What will be the output of the following PHP program?
 

```
<?php
$fruits = array ("apple", "orange", array ("pear", "mango"), "banana");
echo (count($fruits, 1));
?>
```

  - a) 6
  - b) 5
  - c) 4
  - d) 3



11. What will be the output of the following PHP program?

```
<?php
function multi($num)
{
    if ($num == 3)
        echo "I Wonder";
    if ($num == 7)
        echo "Which One";
    if ($num == 8)
        echo "Is The";
    if ($num == 19)
        echo "Correct Answer";
}
$scan = strpos("I love php, I love php too!", "PHP");
multi($scan);
?>
```

- a) Correct Answer  
c) I Wonder

- b) Is The  
d) Which One

12. Which of the following PHP functions can be used for generating unique ids?

- a) md5()  
c) mdid()

- b)  uniqueid()  
d) id()

13. In the following PHP program, what is/are the properties?

```
<?php
class Example
{
    public $name;
    function sample()
    {
        echo "Learn PHP @ Sanfoundry";
    }
}
?>
```

- a) function sample()  
c)  public \$name;

- b) echo "This is an example";  
d) class Example

14. What will be the output of the following PHP code?

```
<?php
define("GREETING", "PHP is a scripting language");
echo $GREETING;
?>
```

- a) \$GREETING  
c) PHP is a scripting language

- b)  no output  
d) GREETING

15. A function in PHP which starts with \_\_ (double underscore) is known as

- a) Default Function  
c) Inbuilt Function

- b) User Defined Function  
d)  Magic Function

----- For Departmental use only -----

Max. Marks: 15

Marks Obtained: 13

Name of Evaluator:

*Abhishek Kumar*

Sign.

*San*



Course: BCA

**ADD-ON COURSE QUIZ**  
Course Name: Introduction to PHP

Time: 30 Min

Date:

Roll No:

Name: Rajiv

Year/Sem: II/III

Invigilator's Sign: MKS

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

1. What is PHP?

- a) PHP is an open-source programming language
- c) PHP is a server-side scripting language

2. Who is the father of PHP?

- a) Drek Kolkevi
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3. What does **PHP** stand for?

- a) PHP stands for Preprocessor Home Page
- c) PHP stands for Hypertext Preprocessor

4. Which of the following is the correct syntax to write a PHP code?

- a) <?php ?>
- c) < ? php ?>

5. Which of the following is the correct way to add a comment in PHP code?

- a) #
- c) /\* \*/

6. Which of the following is the default file extension of PHP files?

- a) .php
- c) .xml

7. How to define a function in PHP?

- a) functionName(parameters) {function body}
- c) function functionName(parameters) {function body}

8. What will be the output of the following PHP code?

```
<?php
$x = 10;
$y = 20;
if ($x > $y && 1||1)
    print "1000 PHP MCQ" ;
else
    print "Welcome to Sanfoundry";
?>
```

- a) no output
- c) 1000 PHP MCQ

9. Which is the right way of declaring a variable in PHP?

- a) \$3hello
- c) \$this

10. What will be the output of the following PHP program?

```
<?php
$fruits = array ("apple", "orange", array ("pear", "mango"), "banana");
echo (count($fruits, 1));
?>
```

- a) 6
- c) 4

b) PHP is used to develop dynamic and interactive websites  
d) All of the mentioned

b) Rasmus Lerdorf  
d) List Barely

b) PHP stands for Pretext Hypertext Processor  
d) PHP stands for Personal Hyper Processor

b) < php >  
d) < ? ? >

b) //  
d) All of the mentioned

b) .ph  
d) .html

b) function {function body}  
d) data type functionName(parameters) {function body}

b) Welcome to Sanfoundry  
d) error

b) \$\_hello  
d) \$5\_Hello

b) 5  
d) 3

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Name of Evaluator:

Sign.

*Abhis Kumar*

*[Signature]*



Course: BCA

ADD-ON COURSE QUIZ  
Course Name: Introduction to PHP

Time: 30 Min

Date:

Roll No:

Name: Priya deep

Year/Sem: II/III

Invigilator's Sign: Nehe

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- b) no output  
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----- For Departmental use only -----

Max. Marks: 15

Marks Obtained: 14

Name of Evaluator:

J. S. S. / S. S.

Sign.

For



Course: BCA

ADD-ON COURSE QUIZ  
Course Name: Introduction to PHP

Time: 30 Min

Date:

Roll No:

Name: Jatin

Year/Sem: II/III

Invigilator's Sign: Neha

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(1)

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(1)

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}
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```

- a) function sample()
- b) echo "This is an example";
- c)  public \$name;
- d) class Example

(1)

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```
<?php
define("GREETING", "PHP is a scripting language");
echo $GREETING;
?>
```

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- b)  no output
- c) PHP is a scripting language
- d) GREETING

(1)

15. A function in PHP which starts with \_\_ (double underscore) is known as \_\_\_\_\_

- a) Default Function
- b) User Defined Function
- c) Inbuilt Function
- d)  Magic Function

(1)

----- For Departmental use only -----

Max. Marks: 15

Marks Obtained:

(15)

Name of Evaluator:

Sign.

*Rehman Khan*

*SK*