

**Course Name : Web Technologies**

**Course Code : CSEG7007**

**Course Instructor :**

**Dhiviya Rose J**

**Assistant Professor-Selection Grade**

**School of Computer Science**

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**Faculty Room : 10207**

# New Terminology

- Program
- Course/Subject
- Grid
- Credits
- **Specializations**
- PO
- PSO
- CO





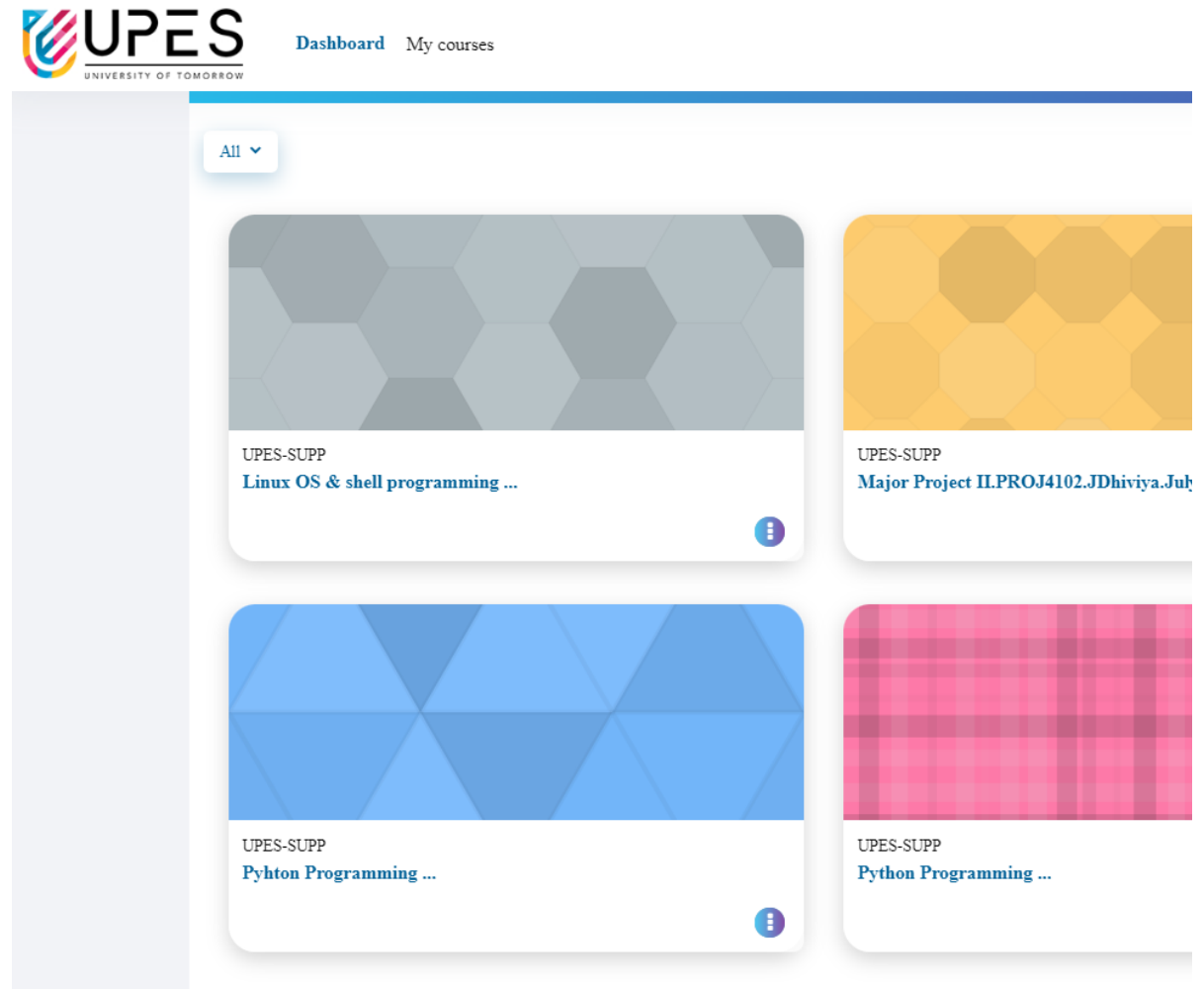
Internal Assessments - 50%  
End Semester Exam – 50 %

Passing Marks = 40%  
10 Pointer Scale

			RANGE
From		To	Grade
85	TO	100	O
80	TO	84	A+
70	TO	79	A
60	TO	69	B+
50	TO	59	B
45	TO	49	C+
40	TO	44	C
0	TO	39	F

## ACADEMIC OPERATIONS

- Follow Course Plan
- Follow Announcements
- Grades in Gradebook
- Assessments via LMS



The screenshot shows the MyUPES Dashboard interface. At the top, there is a header with the UPES logo and navigation links for 'Dashboard' and 'My courses'. Below the header, there is a sidebar on the left and a main content area. The main content area displays a grid of course cards. Each card has a colored header (hexagonal pattern) and text indicating the course name and instructor. The courses shown are:

- UPES-SUPP Linux OS & shell programming ...
- UPES-SUPP Major Project ILPROJ4102.JDhiviya.Juh
- UPES-SUPP Pyhton Programming ...
- UPES-SUPP Python Programming ...

Each card also features a small information icon (three dots) in the bottom right corner.

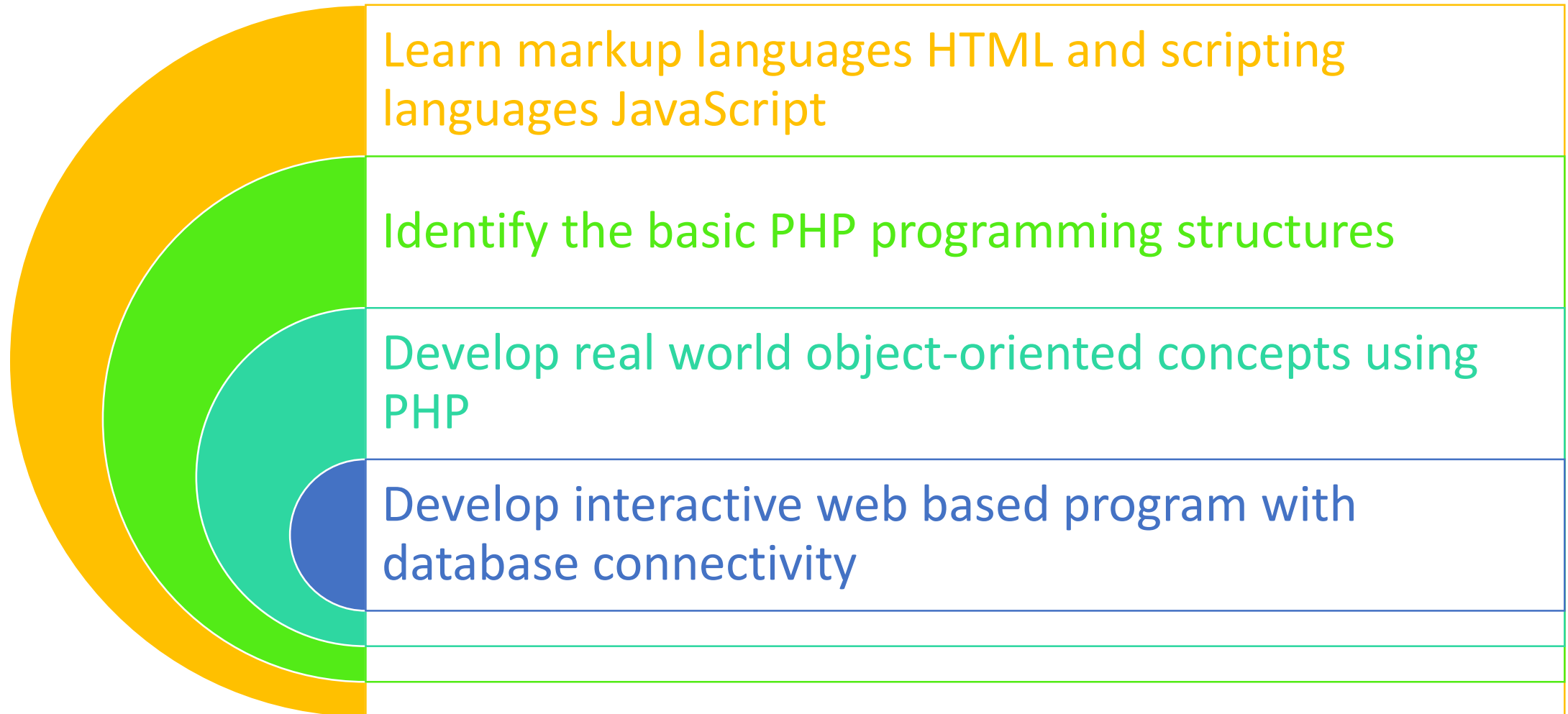


# Attendance Matters

- Attendance of Classes held on scheduled time will only **get reflected on Myupes PORTAL**
- **Example:** if a session is scheduled between 9.00-10.00 AM, the students *needs to join the session between 9.00-9.10 AM* and the same is for students.
- Any deviation(i.e. joining before 9.00 AM or after 9.10 AM) will not be recorded by the attendance system.

Is  
75 %  
Really  
Compulsary ?

# Course Outcomes – Web Technology Through PHP



# Unit 1

Lecture No.	Date	Topics to be Covered	Syn. / Asyn.	CO Mapped
1	07-Sep-21	What is HTML, Basic Structure of HTML Page, Basic Tags, Lists, Tables, Images	Syn./BB-Collaborate	CO1
2	13-Sep-21	Forms and Frames.	Syn./BB-Collaborate/FLIP Sessions	CO1
3	14-Sep-21	Dynamic HTML with Java Script: Data validation,Opening a new window, Messages and Confirmations	Asyn./Voice over PPT/Vide etc.	CO1
4	20-Sep-21	The status bar, writing to a different frame, Rollover buttons, Moving images.	Syn./BB-Collaborate	CO1
5	21-Sep-21	Multiple pages in a single download, a text-only menu system, Floating logos	Asyn./Voice over PPT/Vide etc.	CO1
6	21-Sep-21	Introduction, Usage of variables, operations, control structures, looping structures, predefined keywords, arrays and functions, objects	Syn./BB-Collaborate	CO1
7	26-Sep-21	Exception Handling, Events and Event Handling and Validations.	Syn./BB-Collaborate/ Project Based Activity	CO1
8	27-Sep-21	Doubt Clearance Session	Syn./BB-Collaborate	CO1



# Unit 2

Lecture No.	Date	Topics to be Covered	Syn. / Asyn.	CO Mapped
9	04-Oct-21	Introduction to PHP, Installation, Basic Syntax of PHP, PHP statement terminator and case insensitivity	Syn./BB-Collaborate	CO2
10	05-Oct-21	Embedding PHP in HTML, Comments, Variables, Assigning value to a variable.	Syn./BB-Collaborate/Project Based	CO2
11	11-Oct-21	Constants, Managing Variables	Syn./BB-Collaborate	CO2
12	12-Oct-21	Operators	Asyn./Voice over PPT/Video etc.	CO2
13	12-Oct-21	String Manipulation	Syn./BB-Collaborate	CO2
14	18-Oct-21	Conditional Control Structures	Syn./BB-Collaborate/Question Based	CO2
15	19-Oct-21	Looping Control Structures,	Asyn./Discussion/Question Based	CO2
16	19-Oct-21	Break and Continue	Syn./BB-Collaborate	CO2
17	25-Oct-21	Functions, Understanding variable scope, Built-in functions in PHP.	Asyn./Voice over PPT/Video etc.	CO2
18	26-Oct-21	Doubt Clearance Session	Syn./BB-Collaborate	CO2

# Unit 3

Lecture No.	Date	Topics to be Covered	Syn. / Asyn.	CO Mapped
19	29-Nov-21	Array in PHP, Creating and accessing array elements	Syn./BB-Collaborate/Project Based	C03
20	30-Nov-21	Iterating Array with Numeric index	Syn./BB-Collaborate/Project Based	C03
21	06-Dec-21	Multidimensional Array, Accessing elements of a Multidimensional Array, Iterating Multidimensional Array.	Syn./BB-Collaborate	C03
22	07-Dec-21	Introduction, File Operations, Using PHP with HTML Forms.	Asyn./Voice over PPT/Video etc.	C03
23	07-Dec-21	Defining Class and Object in PHP	Syn./BB-Collaborate	C03
24	13-Dec-21	Usage of \$this variable, Constructor, Constructor with Parameters.	Syn./BB-Collaborate/Question Based	C03
25	13-Dec-21	Introduction to Exception, Exception Handling mechanisms, Creating Custom Exceptions, Multiple Catch Blocks	Asyn./Discussion/Question Based	C03
26	14-Dec-21	Exception Propagation, Error Handling in PHP.	Asyn./Project Based etc.	C03
27	14-Dec-21	Doubt Clearance Session	Syn./BB-Collaborate	C03

# Unit 4

Lecture No.	Date	Topics to be Covered	Syn. / Asyn.	CO Mapped
28	08-Nov-21	Installation: Apache & MySQL: Software Prerequisites, Installing Apache and PHP, Starting and Testing Apache, Testing PHP with phpinfo(),	Syn./BB-Collaborate	CO4
29	09-Nov-21	Installing MySQL, Starting and Testing MySQL, 125-145 Installing the php-mysql Module, Checking the php-mysql Module.	Syn./BB-Collaborate/Question Based	CO4
30	10-Nov-21	Using MySql: designing & creating your web database, working with mysql database	Asyn./Voice over PPT/Video etc.	CO4
31	15-Nov-21	Accessing mysql database from web with PHP	Syn./BB-Collaborate	CO4
32	16-Nov-21	Advanced mysql administration, advanced mysql programming	Syn./BB-Collaborate	CO4
33	22-Nov-21	Build your own PHP & MySql project website.	Syn./BB-Collaborate/Question Based	CO4
34	22-Nov-21	Web Content management System: Introduction, Wordpress	Asyn./Discussion/Question Based	CO4
35	23-Nov-21	Drupal, Joomla.	Asyn./Project Based etc.	CO4
36	23-Nov-21	Doubt Clearance Session	Syn./BB-Collaborate	CO4



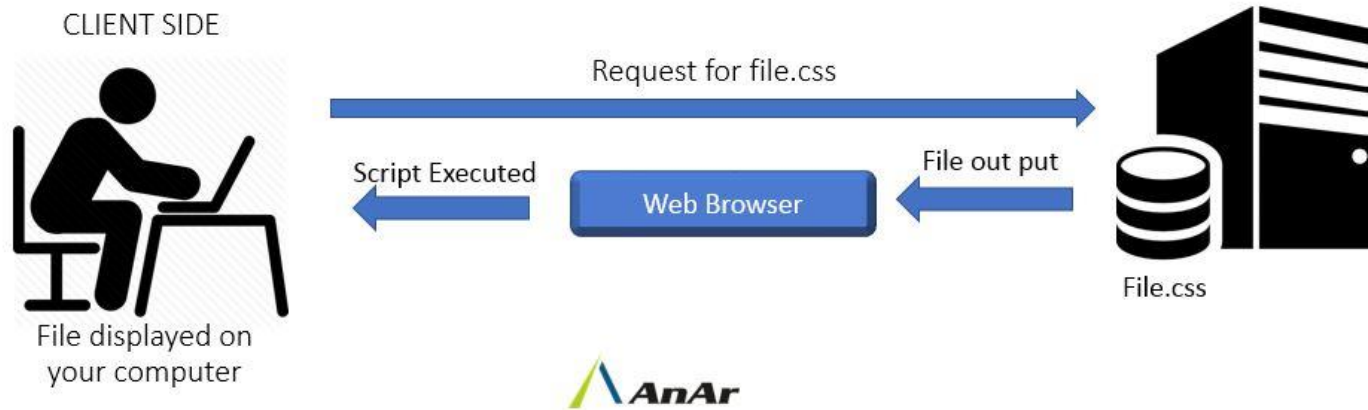
### **Text Books**

1. PHP 6 and MySQL 6 Bible by Steve Suehring, Wiley Publication.
2. Chris Bates, Web Programming Building Internet Applications, Second Edition, Wiley (2007)

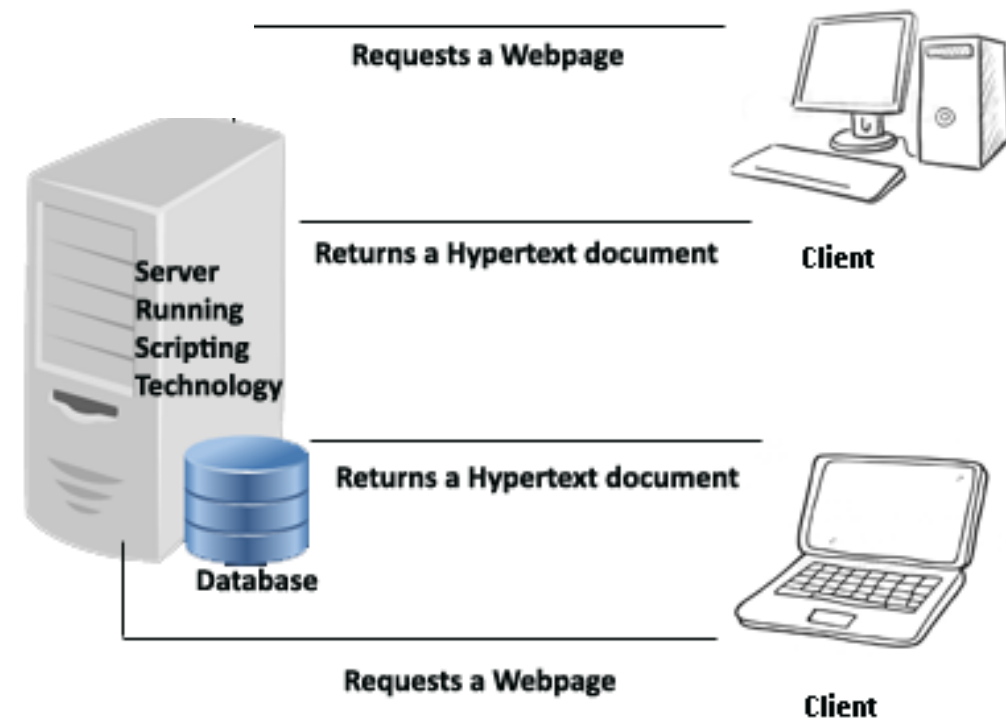
### **References**

1. Beginning PHP and MySQL by W. Jason Gilmore by Apress.
2. Complete Reference PHP by Steven Holzner, TMH.
3. Head First PHP and MySQL by Lynn Beighley, Michael Morrison, O'Reilly.

## The process of client side scripting



## Client vs Server Side Scripting



*Thank  
you*

