Lesson Plan

Name of Faculty   :   Uma Kakkar
Discipline   :   Computer Engg.
Semester   :   5th
Subject   :   PHP
Lesson Plan Duration   :   15 Weeks (From August 2024 to Dec 2024

Week	Theory		Practical	
	Lecture Day	Topic (including assignment/test)	Practical Day	Topic
1st	1	Introduction to HTML	1	HTML Tags Practice
	2	HTML tags practice	2	Use of Frontpage
	3	Frames and Forms in HTML		
2nd	4	**1. Introduction to PHP**: How PHP Works , The php.ini File	3	Design of Webpage using HTML
	5	Basic PHP Syntax, PHP Tags, PHP Statements and Whitespace	4	Practice of HTML
	6	Variable Types, Variable Names (Identifiers)		
3rd	7	Type Strength, Variable Scope in PHP	5	How PHP is Embedded in HTML
	8	Constants, Variable-Testing	6	Introduction to XAMPP software
	9	Manipulation Functions		
4th	10	**2.Operators** : Type of Operators	7	PHP based web pages design
	11	Strings	8	PHP based web pages design
	12	arrays, comments		
5th	13	**3. Methods and Functions**: Built in functions	9	PHP based web pages using CSS
	14	User-defined functions	10	PHP based web pages using XHTML
	15	Function arguments		
6th	16	Returning values in Functions	11	Create Web forms
	17	Variable functions	12	Create Web forms and pages that properly use HTTP GET protocol
	18	Anonymous functions		
7th	19	**Control statements**: Conditional Processing : If Conditions	13	Create Web forms and pages that properly use HTTP POST protocol
	20	Conditional Processing : Nested if	14	Create Web forms :practice
	21	Loops : while		
8th	22	Loops : while revision	15	Design SQL language within MySQL
	23	Loops : do..while	16	Design SQL language within MySQL
	24	Loops: do..while revision		
9th	25	Loops : for	17	PHP to access databases
	26	Loop : nested For	18	PHP to access databases
	27	break and continue		
10th	28	**PHP forms** : designing	19	PHP to access and manipulate databases
	29	PHP forms : Server connectivity	20	PHP to access and manipulate databases
	30	Login Security Authentication		

11th	31	Authorization (Permissions)	21	Practice With MySQL
	32	Encryption	22	Practice With MySQL
	33	Sessions		
12th	34	Cookies	23	Install and configure both PHP and MySQL
	35	**PHP Mail** : designing	24	Install and configure both PHP and MySQL
	36	File Handling		
13th	37	File Handling	25	Create PHP code that utilizes API library functions
	38	File Uploading	26	Create PHP code that utilizes API library functions
	39	**Introduction to MySQL :** Database Concepts		
14th	40	Query Language	27	Design and create a complete web site that demonstrates good PHP/MySQL client/server design.
	41	INSERT, SELECT Query	28	Website design in PHP
	42	UPDATE, DELETE Query		
15th	43	Database design and Development using MySql	29	Website design in PHP
	44	PHP Connectivity with MySQL	30	Website design in PHP
	45	PHP Connectivity with MySQL : Revision		