Lesson Plan

Name of faculty	:	**Vipul Pant**
Discipline	:	**Computer Engineering**
Semester	:	**5th**
Subject	:	**Web Development using PHP**
Lesson Plan Duration	:	**17 Weeks (from 22nd July, 2019 to 14th Nov, 2019)**

Work Load(Lecture/ Practical) per week (in hours): Lectures-03, Practical –06

Week	Theory		Practical	
	Lecture day	**Topic (including Assignment / Test)**	**Practical day**	**Topic**
1st	1st	Introduction to HTML, Versions of HTML	1	Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure
	2nd	Features of HTML, New added elements in HTML 5		
	3rd	Introduction to CSS 3, Benefits of CSS		
2nd	4th	Basic structure of HTML, Design a web Page	2	Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure
	5th	Introduction to HTML Tags, Horizontal Rules, Comments, Formatting Text		
	6th	Title, Headings, HTML Colors, Image Maps, Hyperlinks, Main page		
3rd	7th	Table and Forms: Table Tags, Table Heading, Height and Width, Header, Body , Footer	3	Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure
	8th	HTML Forms, HTML Form Controls, HTML 5 Attributes		
	9th	Frames in HTML		
4th	10th	HTML and CSS: Internal CSS, External CSS	4	Create Web forms and pages that properly use HTTP GET and POST protocol as appropriate
	11th	CSS Fonts, Floating of Web Pages/Site		
	12th	**Revision: Unit-I**		
5th	13th	Introduction to PHP, How PHP Works	5	Create Web forms and pages that properly use HTTP GET and POST protocol as appropriate
	14th	The php.ini File, Basic PHP Syntax		
	15th	PHP Tags		
6th	16th	**Sessional test-I**	6	Create Web forms and pages that properly use HTTP GET and POST protocol as appropriate
	17th	PHP Statements and Whitespace		
	18th	PHP Statements and Whitespace		
7th	19th	Variable Types	7	Design SQL language within MySQL and PHP to access and manipulate databases
	20th	Variable Names (Identifiers		
	21st	Type Strength, Variable Scope, constants		
8th	22nd	Assignment, variable Testing, Manipulation Functions	8	Design SQL language within MySQL and PHP to access and manipulate

	23rd	Operators: Strings		databases
	24th	Arrays, comments		
9th	25th	Methods and Functions, Built in functions	9	Install and configure both PHP and MySQL
	26th	User-defined functions		
	27th	Function arguments, Returning values		
10th	28th	Variable functions, Anonymous functions	10	Install and configure both PHP and MySQL
	29th	Control statements, Conditional Processing		
	30th	If Conditions , assignment		
11th	31st	Loops : while loop, do…while	11	Create PHP code that utilizes the commonly used API library functions built in to PHP.
	32nd	for loops, break and continue		
	33rd	PHP forms		
12th	34th	Login Security Authentication(User logins)	12	Create PHP code that utilizes the commonly used API library functions built in to PHP.
	35th	**Sessional Test-II**		
	36th	Authorization (Permissions)		
13th	37th	Encryption	13	Design and create a complete web site that demonstrates good PHP/MySQL client/server design
	38th	Session Cookies		
	39th	PHP Mail		
14th	40th	File Handling and Uploading	14	Design and create a complete web site that demonstrates good PHP/MySQL client/server design
	41st	File handling & Uploading Assignment		
	42nd	Session Cookies		
15th	43rd	**Revision: Unit-II**	15	Design and create a complete web site that demonstrates good PHP/MySQL client/server design
	44th	Introduction to MySQL		
	45th	Database design		
16th	46th	Database Development using MySql	16	To store a Cookie using PHP on Client side
	47th	PHP Connectivity with MySQL		
	48th	Database: Creation, Insertion, Deletion and retrieval of mySQL data using PHP		
17th	49th	Same topic Continue	17	To save the user session on server side
	50th	**Sessional Test-III**		
	51st	**Revision: Unit-III**		