Lesson Plan

Name of faculty : **Madhu Bala**
Discipline : **Computer Engineering**
Semester : **5th**
Subject : **WEB TECHNOLOGIES**
Lesson Plan Duration : **15 Weeks (from 20 Aug 2024 to 29 Nov 2024)**
Work Load (Lecture/ Practical) per week (in hours): Lectures-03 Practical -04

Week	Theory		Practical	
	Lecture day	**Topic (including assignment / test)**	**Practical day**	**Topic**
1st	1st	Introduction to HTML 5 and CSS 3. Basic structure of HTML	1st	Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure.
	2nd	designing a web page, inserting links images, horizontal rules, comments.		
	3rd	Formatting text, title, headings, colors, fonts, sizes		
2nd	4th	simple tables and forms.	2nd	Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure.
	5th	HTML tags, hyperlinks. Adding graphics and images		
	6th	image maps, image files. Using tables, forms, style sheets and frames. Floating of web site/pages.		
3rd	7th	Introduction to PHP: How PHP Works	3rd	Design SQL language within MySQL and PHP to access and manipulate databases.
	8th	The php.ini File, Basic PHP Syntax, PHP variables		
	9th	statements, operators, decision making, loops		
4th	10th	arrays, strings, forms, get and post methods, functions.	4th	Install and configure both PHP and MySQL.
	11th	Introduction to cookies, storage of cookies at client side, Using information of cookies.		
	12th	Creating single or multiple server side sessions.		
5th	13th	Timeout in sessions, Event management in PHP.	5th	Seminar/Viva
	14th	Introduction to content management systems based on PHP.		
	15th	**Sessional test I**		
6th	16th	Introduction to MySQL,	6th	Create PHP code that utilizes the

	17th	connecting to MySQL, database,		commonly used API library functions built in to PHP.
	18th	creation, insertion, deletion		
7th	19th	retrieval of MySQL data using PHP.	7th	Design and create a complete web site that demonstrates good PHP/MySQL client/server design.
	20th	Installing Wamp Server -		
	21st	Installing Joomla on Web Server,		
8th	22nd	- Joomla global configuration -Article manager	8th	To store a cookie using PHP on client side.
	23rd	- -Archive manager- FrontPage manager		
	24th	Section manager - Category manager- Media Manager-Menu manager - Component manager		
9th	25th	Content Manager- Extensions manager- Module manager-	9th	To save the user session on server side.
	26th	Plugin manager-Template manager-How to install a new module-		
	27th	How to install a new template-How to install a new plugin-		
10th	28th	How to install a new component-Understanding the concept of Joomla positions	10th	Seminar/Viva
	29th	-Changing the layout structure by changing the module position.		
	30th	**Sessional Test II**		
11th	31st	Understanding Basic Joomla Template-	11th	Design website using Joomla.
	32nd	Customizing Joomla template -		
	33rd	BuildingCustom Joomla Template-Understanding Templatedetails.xml		
12th	34th	File-Creating Templatedetails.xml	12th	Design website using Joomla.
	35th	File using tmpl_builder Linking CSS-		
	36th	Linking JavaScript- Understanding		
13th	37th	Include-Displaying Content in Xhtml-	13th	Design website using Joomla.
	38th	Creating Template installation Package-		