

**NAME OF THE FACULTY** : POOJA  
**DISCIPLINE** : Computer Engineering  
**SEMESTER** : 5<sup>th</sup>  
**SUBJECT** : Web Development using PHP  
**LESSON PLAN DURATION** : - 15 weeks (from July- 2019 to Dec- 2019)

WORK LOAD (LECTURE/PRACTICAL) PER WEEK (IN HOURS):- LECTURE-04, PRACTIACL-06 PER GROUP

WEEK	THEORY		PRACTICAL	
	Lecture / Hrs	TOPIC (Including Assignment/Test)	Practical / Hrs	Experiment
1 <sup>st</sup>	1	Introduction to Developing Portals using HTML	Group-1 & Group-2	Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure.
	2	Introduction to HTML 5		
	3	Introduction to CSS3		
	4	Basic structure of HTML	Group-1 & Group-2	Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure.
2 <sup>nd</sup>	5	Basic structure of HTML	Group-1 & Group-2	Create Web forms and pages that properly use HTTP GET and POST protocol as appropriate.
	6	Designing a web page		
	7	Inserting links, images, horizontal rules, comments		
	8	Inserting links, images, horizontal rules, comments	Group-1 & Group-2	Create Web forms and pages that properly use HTTP GET and POST protocol as appropriate.
3 <sup>rd</sup>	9	Formatting text, title, headings, colors, fonts, sizes, simple tables and forms	Group-1 & Group-2	Create Web forms and pages that properly use HTTP GET and POST protocol as appropriate.
	10	Formatting text, title, headings, colors, fonts, sizes, simple tables and forms		
	11	HTML tags, hyperlinks		
	12	Adding graphics and images	Group-1 & Group-2	Create Web forms and pages that properly use HTTP GET and POST protocol as appropriate.
4 <sup>th</sup>	13	Image maps, image files	Group-1 & Group-2	Design SQL language within MySQL and PHP to access and manipulate databases.
	14	Using tables, forms		
	15	Using style sheets and frames		
	16	Floating of web site/pages	Group-1 & Group-2	Design SQL language within MySQL and PHP to access and manipulate databases.
5 <sup>th</sup>	17	Assignment-1	Group-1 & Group-2	Design SQL language within MySQL and PHP to access and manipulate databases.
	18	Sessional Test-1		
	19	Introduction to PHP		
	20	Introduction to PHP: How PHP Works	Group-1 & Group-2	Design SQL language within MySQL and PHP to access and manipulate databases.

6 <sup>th</sup>	21	The php.ini File	Group-1 & Group-2	1	Install and configure both PHP and MySQL.
	22	The php.ini File		2	
	23	Basic PHP Syntax	Group-1 & Group-2	3	
	24	Basic PHP Syntax		1	Install and configure both PHP and MySQL.
7 <sup>th</sup>	25	PHP variables functions	Group-1 & Group-2	2	
	26	PHP statements functions		3	
	27	PHP operators functions		Group-1 & Group-2	1
	28	PHP decision making functions	2		
8 <sup>th</sup>	29	PHP loops functions	Group-1 & Group-2	3	Create PHP code that utilizes the commonly used API library functions built in to PHP.
	30	PHP arrays functions		1	
	31	PHP strings functions		Group-1 & Group-2	
	32	PHP forms functions	3		
9 <sup>th</sup>	33	PHP get and post methods	Group-1 & Group-2	1	Design and create a complete web site that demonstrates good PHP/MySQL client/server design
	34	PHP get and post methods		2	
	35	Introduction to cookies, storage of cookies at client side		Group-1 & Group-2	
	36	Using information of cookies.	1		
10 <sup>th</sup>	37	Creating single or multiple server side sessions	Group-1 & Group-2	2	To store a cookie using PHP on client side.
	38	<b>Assignment-2</b>		3	
	39	<b>Sessional Test-2</b>		Group-1 & Group-2	
	40	Timeout in sessions	2		
11 <sup>th</sup>	41	Event management in PHP	Group-1 & Group-2	3	To store a cookie using PHP on client side.
	42	Event management in PHP		1	
	43	Introduction to content management systems based on PHP.		Group-1 & Group-2	
	44	Introduction to content management systems based on PHP.	3		

12 <sup>th</sup>	45	PHP and MySQL	Group-1 & Group-2	1	To save the user session on server side.
				2	
				3	
	46	Introduction to MySQL	Group-1 & Group-2	1	To save the user session on server side.
47	Introduction to MySQL	2			
48	connecting to MySQL	3			
13 <sup>th</sup>	49	connecting to MySQL	Group-1 & Group-2	1	To save the user session on server side.
				2	
				3	
	50	Introduction to database	Group-1 & Group-2	1	To save the user session on server side.
51	Database creation	2			
52	Database insertion	3			
14 <sup>th</sup>	53	Deletion of MySQL data using PHP	Group-1 & Group-2	1	Design website using word press or Joomla
				2	
				3	
	54	Retrieval of MySQL data using PHP	Group-1 & Group-2	1	Design website using word press or Joomla
55	Deletion and retrieval of MySQL data using PHP	2			
56	Recap PHP and MySQL	3			
15 <sup>th</sup>	57	Recap PHP and MySQL	Group-1 & Group-2	1	Practicing and Recap
				2	
				3	
	58	<b>Assignment- 3</b>	Group-1 & Group-2	1	Practicing and Recap
59	<b>Sessional Test- 3</b>	2			
60	Revision	3			