THIRD-YEAR DIPLOMA IT ENGINEERING SYLLABUS

Semester: 6th

Course Code: 002204680   **Type of Course:** PEC –LC-4

Course Name: PHP & MY SQL

Course Prerequisites: To learn Develop interactive web based application using PHP and My SQL

COURSE OBJECTIVE(S):

PHP is a powerful tool for making dynamic and interactive database driven web pages. PHP is the widely-used as efficient open source technology. The students of diploma in Information Technology as web developers would be able to write dynamic interactive web based applications such as for online banking, ticket/hotels booking sites, E Commerce using PHP and MYSQL database. After mastering this course they may work as self employed web page developer

TEACHING & EXAMINATION SCHEME:

Teaching Scheme (Hrs/Week)				Examination Scheme					
				SEE		CA			Total
Theory	Tutorial	Practical	Credit	Th	Pr	MSE	PLE	LA	
0	0	2	1	00	25	00	00	25	50

Th: Theory; Pr: Practical; FA: Final Assessment; CAT: Continuous Assessment Theory; CAP: Continuous Assessment Practical;

*TOTAL Practical Hours: No. of Practical Hrs/Week*15 = 30*

LIST OF PRACTICALS: *(sample for 2 hrs/week)*15 weeks*

Sr. No.	Content	Unit No.	Time Duration
1	Write a PHP script to display Welcome message..	I	2
2	Write PHP Script to generate result and display grade.	I	2
3	Write PHP Script to find maximum number out of three given	I	2
4	Write PHP script to obtain 5! Using function	II	2
5	Write PHP script to demonstrate string function.	II	2
6	Write PHP script to demonstrate Date functions.	II	2
7	Write PHP script to demonstrate Array functions.	II	2
8	Create Website Registration Form using text box, check box, radio button, select, submit button. And display user inserted value in new PHP page.	III	4
9	Write an example of Error-handling using exceptions.	III	2
10	Write a PHP script to connect MySQL server from your website.	III	2
11	Write a PHP script to connect MySQL server from your website.	IV	**2**

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12	Write PHP script to demonstrate passing variables with cookies.	IV	**2**
13	Write a program to read customer information like cust_no, cust_name, Item_purchase, and mob_no, from customer table and display all these information in table format on output Screen.	V	4
	TOTAL		30

Reference Book(s):

Title of the Book	Author(s)	Publication
PHP		Atul prakashan

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Title of the Book	Author(s)	Publication
Beginning PHP and MySQL, 4th Edition	W. Jason Gilmore	Apress, 2010
PHP: The Complete Reference	Steven Holzner	McGraw-Hill,,2008
Learning PHP, MySQL, JavaScript, CSS & HTML5, Third Edition	Robin Nixon	O'reilly Media , 2014
Teach yourself PHP, MySQL and Apache All in One , 5th Edition	Julie C. Meloni,	Pearson Education, 2012

Web Material Link(s):

a)   http://www.codecademy.com/tracks/web ,
b)   http://www.codecademy.com/tracks/php
c)   http://www.w3schools.com/PHP
d)   http://www.tutorialpoint.com
e)   .http://www.homeandlearn.co.uk

Equivalent/Corresponding Course on NPTEL (SWAYAM):

NPTEL course on
https://nptel.ac.in/courses/106/105/106106129/

COURSE EVALUATION:

Sr. No.	Activity	Marks	Weightage
1	Semester End Examination (External Th)	60	60%
2	Internal Examination	40	40%

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2(a)	Mid Semester Examination	20	
2(b)	Attendance	10	
2(c)	Assessment Types (Any One from 2(c).1 to 2(c).7)	10	
2(c).1	Subject (Course) based Mini-Project		
2(c).2	Industry/Site Visit & Report		
2(c).3	Assignment		
2(c).4	Seminar		
2(c).5	Case Study		
2(c).6	Surprise Class Quiz		
2(c).7	Design Exercise		
2(c).7	Presentation		
2(d)	Practical (if Applicable)		

* For 4 Credit Subjects

1 Credit = 25 Marks

Theory: 3 Credits = 75 Marks

Practicals: 1 Credit = 25 Marks

SEE Evaluation will be of 100 marks and converted to 50 Marks (75 Th + 25 Pr)

CA Evaluation will be of 100 Marks and converted to 50 Marks. (75 Th + 25 Pr)

Distribution of Marks for Theory Evaluation as per Bloom's Taxonomy Level:

Level	Remember	Understand	Apply	Analyse	Evaluate	Create
% Weightage	15%	30%	25%	15%	5%	10%

COURSE OUTCOMES:

CO1	Create small programs using basic PHP concepts.
CO2	Apply In-Built and Create User defined functions in PHP programming.
CO3	Debug the Programmes by applying concepts and error handling techniques of PHP.
CO4	Design and develop a Web site using form controls for presenting web based content.
CO5	Understand the concepts of digital signature and digital certificates