



C. U. SHAH UNIVERSITY, WADHWAN CITY.

Faculty of: **Computer Science**

Course: **Bachelor of Computer Applications**

Semester: **II**

Subject Code: **4CS02ABP1**

Subject Name: **Basics of PHP Programming**

Sr. No	Branch Code	Subject Code	Subject Name	Teaching hours/ Week			Credit hours	Credit Points	Evaluation Scheme/ Semester								
				Th	Tu	Pr			Theory				Practical				Total
									Internal Assessment		End Semester Exams		Internal Assessment		End Semester Exams		
									Marks	Duration	Marks	Duration	Marks	Duration	Marks	Duration	
3	2	4CS02ABP1	Basics of PHP Programming	4	--	4	8	6	15(SE)	1Hr.	70	2½ Hrs.	50(IP)	1 ½ Hrs.	--	--	200
									15(CE)				50(CE)				

AIM :

- The aim of this subject is to get in-depth practical knowledge of PHP
- To obtain practical knowledge of website development for real life.

COURSE CONTENTS

Unit I

12 Hrs.

- Static Page
- Dynamic page
- Client side scripting
- server side scripting
- What is PHP?
- Characteristics of PHP
- How PHP is parsed?
- PHP Syntax
- PHP Comments
- PHP variable
- Scope of variable
- PHP operators
- \$_GET
- \$_POST
- \$_REQUEST
- Conditional statements
- Looping statements
- Array

Unit II

12 Hrs.

- Creating function in PHP
- Passing functions some data
- Passing array to function

- Passing by reference
- Using default argument
- Returning data from function
- Returning array
- PHP variable function
- Nesting functions
- String functions
- Math functions
- Array functions
- Date functions
- Miscellaneous functions
- File handling functions
- HTML forms with PHP
- Regular expression in PHP

Unit III

9 Hrs.

- PHP file upload
- PHP file download
- PHP Cookie
- PHP session
- \$_SERVER variable
- Environment variables

Unit IV

15 Hrs.

- What is Database ?
- Essential concepts of database
- Introduction to Mysql
- Mysql datatypes
- Connection to database(mysql_connect, mysql_close())
- Creating mysql database
- Creating new table
- altering table
- Inserting records into database
- Updating database
- Deleting records
- Displaying records
- Where clause
- Fetching datasets
- Counting numbers of rows and affected rows in datasets
- Mysql Aggregate Functions (sum,avg,count)
- Mysql Clauses (where, group by, order by, having)
- Operator OR, IN, NOT, BETWEEN, LIKE
- Sub queries
- Joins and Unions

REFERENCE BOOKS:

1. The complete reference PHP Steven holzner McGraw Hill education
2. PHP 6 and MySQL Bible Steve suehring, tim converse, and joyce park, Wrox
3. Sams teach Yourself PHP, MySQL and Apache all in one Julie C. Meloni Pearson

