



## RCETCSCC05 - PHP Programming

### Course outcomes:

- Understand the basic programming concepts of PHP.
- Apply the PHP features to design dynamic web pages
- Apply object oriented concepts of PHP in webpage design
- Understand the database configurations of PHP Programming

### Syllabus:

#### UNIT I

##### Introduction to PHP

Static vs. Dynamic websites -Web2.0-Client and Server HTTP Communication -Where to use PHP -Web development technology stack – PHP, MySQL, CSS, JavaScript -XAMPP VS MAMP

#### UNIT II

##### Programming Fundamental

What is programming? -Introduction to PHP -code -Comments -Error reporting-Variables-echo / print / dump- Data types-Expressions-Operators-Programming constructs- include/ require-Conditional statements – if, else, if else, switch, ternary logic-break, continue, declare

#### UNIT III

##### PHP Advanced

Loop-For Loop-While Loop-Arrays-Forms Processing-GET-POST-SERVER-FILE-Object Oriented PHP-Class-Object-Instantiating the Object-Class members and access specifiers - MySQL PDO-Connection Strings-Statements-Prepared Statements

### Reference Text Books:

1. Programming PHP, 4th Edition by Kevin Tatroe, Peter MacIntyre.