

## **OVERVIEW**

**(1hr)**

- Static and dynamic websites
- Dynamic content from websites

## **Basic scripting and looping constructs**

**(3hrs+1hrs)**

- Basic scripting
- Print statement
- Coding blocks
- Data types
- Constants and variables
- Loops
- while
- Do while
- For
- Exit and break

## **Conditional Constructs & Operators**

**(1+1)**

- True and False Expressions
- If, Else and Else-If
- Switch-Case Statement
- Logical Operators
- Relational Operators
- Other Operators

## **Arrays**

**(3+2)**

- What are Arrays?
- Usage of Arrays in PHP
- Array Indexing
- Initializing Arrays
- Operating on Arrays
- Sorting Arrays

## **PHP FUNCTIONS**

**( 1+3)**

- Introduction to Functions
- Declaring Functions
- Scope
- Passing Arguments to Functions

- Returning Values from a Function

## **APACHE WEB SERVER (2)**

- Apache Configuration
- Files Configuring Apache for PHP
- WWW Sites within Apache

## **CONFIGURING AND USING MYSQL (4+2)**

- Introduction to MySQL
- Installing and Configuring MySQL
- Connecting to MySQL
- PHP Functions Specific to MySQL
- Executing MySQL Calls
- SELECT, INSERT ,FETCH ,UPDATE, DELETE Using PHP My-Admin to configure MySQL

## **WORKING WITH DATABASES AND FORMS (4+3)**

- Configuring PHP for database support
- PHP's Database
- Retrieving Data from Forms
- Form Handling in PHP
- Form Validation in PHP
- PHP Form Complete

**Total=31 hrs**

**Class time =19 hrs**

**Assignments =12 hrs**