## PHP Basics

1. Introduction
2. XAMPP & WAMPP
3. Configure php.ini
4. PHP Syntax
5. Variables, Strings, Constants, Operators
6. Echo / Print
7. If....Else. Elseif
8. Switch

## PHP Basics

1. Loops

1. For, Foreach, While
2. Functions
3. string functions - introduction
4. user defined functions

## Strings & Patterns

1. Quoting
2. Matching
3. Extracting
4. Searching
5. Replacing
6. Formatting
7. PCRE
8. NOWDOC
9. Encodings

## Arrays

1. Introduction
2. Array syntax
3. Array Index
4. get length without using pre-defined functions
5. Array push and pull
6. Associative arrays
7. loop through arrays▪ Multidimensional Arrays
8. Array functions
9. Array Sorting without using pre-defined functions

## Date and Time

* 1. Date and Time
  2. include, include\_once, require, require\_once
  3. PHP Form
  4. $\_GET , $\_POST , $\_REQUEST
  5. File Upload

## Session

* 1. Sessions - introduction
  2. Start a PHP session
  3. session variables
  4. modify session
  5. destroy session

## Cookies

* 1. Cookies
  2. Start a PHP Cookies
  3. Cookie variables
  4. modify Cookie
  5. destroy Cookie

## Try….Catch

* 1. Error handling
  2. try-catch-throw
  3. Exception
  4. Filters
  5. Filers Advanced

## OOP’s Concept

1. OOP's – introduction
2. Classes and objects
3. Constructor & Destructor
4. Inheritance
5. Static methods and properties
6. Methods overloading
7. Abstract Class & Interface

**MySql**

1. Introduction
2. Database
3. CREATE, ALTER, DELETE, DROP tables
4. INSERT, UPDATE, DELETE table datas
5. WHERE conditions
6. AND, OR, IN, BETWEEN, LIKE,DISTINCT, ORDER BY, GROUP BY, UNION
7. Sub-queries
8. LEFT JOIN, RIGHT JOIN, INNER JOIN

## Database Programming

* 1. 25. PHP & MySql
  2. PHP MySql functions
  3. ▪one-tier architecture
  4. two-tier architecture
  5. three-tier architecture

## File programming

* 1. File handling
  2. File Open/Read
  3. File Create/Write
  4. File uploading and downloading