

PHP Web development Syllabus

Understanding HTML4 & HTML5

- What is Markup Language
- Basic Structure of HTML
- Head Section and Elements
- Meta Tags
- External Link Tags
- HTML Structure Tags
- Create Table, Div and Frame Tag
- Content and Header Tags
- Paragraph, Span, Pre Tags
- Anchor Links and Named Anchors
- Object, IFrame and Image Tag
- Implementing iFrame in Realtime
- Working with Forms
- Form Tag and Attributes
- POST and GET Method
- Text Input, TextArea, Checkbox and Radio
- Password Field
- Select Option, Option Group
- File Field and Hidden Fields
- Submit, Reset, Image Buttons
- Relation between HTML Form and PHP
- XHTML
- What is XHTML
- Difference between HTML & XHTML
- XHTML Basics
- Introduction to Doc Types
- XHTML Validation
- HTML5 (Latest Version)

- Introduction to HTML5
- Whats new in HTML5
- HTML5 Apis
- HTML5 Semanticg Tag
- HTML5 Multimedia
- Search, Email and Url Tel Input

Cascading Style Sheets (CSS2 & CSS3)

- Introduction to Cascading Style Sheets
- Types of Style Sheets
- Media Type
- Default CSS Properties
- Types of CSS Selectors
- Adjacent Sibling Selector
- Other Selectors
- CSS properties
- Type Properties
- Background Properties
- Block Properties
- Box Model Properties
- List Properties
- Border Properties
- Positioning Properties
- CSS Optimization Tips
- CSS Compression
- (CSS 3.0 - Latest Version)
- Introduction to CSS 3
- Basic CSS3 Selectors
- Advanced CSS3 Selectors
- New CSS3 Properties
- CSS Rounded Corners
- Border Image

- Box and Text Shadow
- Multiple Backgrounds
- Background Origin
- Background Resize
- CSS Clip, Gradients, Opacity
- Transitions &

Transform Bootstrap

- Bootstrap Setup
- Benefits of Bootstrap
- Basics of Bootstrap
- Project Design Using

Bootstrap Java Script

- Introduction to Client Side Scripting
- Introduction to Java Script
- Javascript Types
- Variables in JS
- Operators in JS
- Conditions Statements
- Java Script Loops
- JS Popup Boxes
- JS Events
- JS Arrays
- Working with Arrays
- JS Objects
- JS Functions
- Using Java Script in Realtime
- Validation of Forms
- Related

Examples JQuery

and jQuery UI

- Introduction to jQuery
- jQuery Features

- Installing jQuery
 - jQuery Syntax
 - jQuery Ready Function
 - jQuery Selectors
 - jQuery Actions
 - jQuery Custom Functionality
 - jQuery Libraries
 - jQuery Validation
 - jQuery Slideshow
 - jQuery Dropdown
 - JS Functions
 - jQuery UI
 - Working with jQueryUI
 - jQuery Accordions
 - jQuery Tabs
 - jQuery Tooltips
- jQuery Autocomplete

PHP

1) What is PHP?

2) PHP Syntax

3) Comments

4) Echo and Print (print output)

5) DataTypes

6) Variables

7) Constants

8) Operators

8.1 Arithmetic Operators

8.2 Assignment Operators

8.3 Comparison Operators

8.4 Logical Operators

9) String Functions

10) Conditional Statements

10.1 if statement

10.2 if...else statement

10.3 if...elseif....else statement

10.4 switch statement

11) LOOPING STATEMENTS

11.1 while – loops

11.2 do...while

11.3 for – loops

11.4 foreach

11.5 Break statement

11.6 Continue statement

12) FUNCTIONS

12.1 PHP Built-in Functions

12.2 PHP User-Defined Functions

13) VARIABLES

13.1 Local Variable

13.2 Static Variable

13.3 global Variable

14) Arrays

14.1 Indexed Arrays

14.2 Associative Arrays

14.3 Multidimensional Arrays

14.4 Sorting Arrays

4.5 ARRAY FUNCTIONS

15) Php Form

`$_POST`

`$_GET`

\$_REQUEST

16) Super Global Variables in PHP

- \$GLOBALS
- \$_SERVER
- \$_REQUEST
- \$_POST
- \$_GET
- \$_FILES
- \$_COOKIE
- \$_SESSION

PHP-ADVANCED

1) Date and Time

2) PHP - File Inclusion

3) Cookies

4) Session

5) querystring

6) die()

7) File system

7.1 fopen() - Create File

7.2 fwrite() - write data into file

7.3 fread() - Read a File

7.4 file_get_contents() - Read all contents from File

7.5 file_put_contents() - write more contents into File

7.6 fclose() - close a File

7.7 fgets() - Read a single line

7.8 fgetc() - Read a single character

7.9 unlink() - delete file

7.10 Append to File - fwrite()

8) File upload

9) Form validation

Client-Side Validation using javascript

Server -Side Validation

10) Stored procedure

11)Pagination

12)PHP JSON

MYSQL:

1) BASIC MYSQL

2) MYSQL CREATE

3) MYSQL INSERT

4) MYSQL SELECT

5) MYSQL UPDATE

6) MYSQL DELETE

7) MYSQL TRUNCATE

8) MYSQL DROP

9) SQL QUERYING

9.1 WHERE CONDITIONS

9.2 ORDER BY

9.3 GROUP BY

9.4 HAVING, LIKE

9.5 AND OR OPERATORS

10) SQL FUNCTIONS

10.1 AVG

10.2 COUNT

10.3 SUM

10.4 MIN

10.5 MAX

10.6 LCASE

10.7 UCASE