

Training Syllabus (PHP)

Lecture wise

Foundation of 'HTML & CSS'

L.N.	Content	Hours
1	1) Introduction of Web pages 2) Introduction of Websites 3) Introduction of Web Browsers 4) Introduction of HTML <ul style="list-style-type: none"> a. What is Hypertext? b. What is Markup language 5) History of HTML 6) How to use HTML to create web pages? 7) What is tag? 8) What is element? 9) HTML tag 10) Head tag <ul style="list-style-type: none"> a. Title tag b. Style tag c. Script tag d. Noscript tag e. Link tag f. Meta tag g. Base tag 11) Body tag 12) Attributes	2
2	1) Text Editing tags <ul style="list-style-type: none"> a. H1, h2, h3, h4, h5, h6, p, pre, center, br, hr, b, strong, i, em, u, ins, s, strike, del, sup, sub, big, small 2) Lists <ul style="list-style-type: none"> a. Ordered List (ol, li) b. Unordered list (ul, li) c. Definition list (dl, dt, dd) 3) Table (table, tr, th, td, thead, tbody, tfoot) 4) Marquee (marquee) 5) Image (img) 6) Hyperlink (a)	2

3	<p>1) Form</p> <ul style="list-style-type: none"> a. input (type=text, number, date, email, password, url, range, button, submit, reset, radio, checkbox) b. textarea c. label d. fieldset e. legend f. select g. option h. optgroup i. button j. datalist 	2
4	<p>1) div 2) span 3) iframe 4) video 5) audio 6) Introduction of CSS 7) Selectors 8) Properties & values 9) Text Styling Properties</p> <ul style="list-style-type: none"> a. Font-family b. Font-size c. Font-weight d. Text-decoration e. Text-transform f. Color g. Line-height h. Word-spacing i. Text-shadow j. Text-align 	2
5	<p>1) Box Modal Properties</p> <ul style="list-style-type: none"> a. Width b. Height c. Padding d. Margin e. Border f. Box-shadow g. Border-radius h. Float i. Outline <p>2) Background</p> <ul style="list-style-type: none"> a. Background-color b. Background-image 	2

	<ul style="list-style-type: none"> c. Background-repeat d. Background-size e. Background-position f. Background-attachment g. Background (rbga) <p>3) List (list-style-type, list-style-image) 4) Table (border, border-collapse)</p>	
6	<p>1) Position 2) Z-index 3) opacity 4) Pseudo-classes <ul style="list-style-type: none"> a. Hover b. Focus c. Active d. Visited e. Link f. Disabled g. Enabled h. First-child i. Last-child j. Nth-child (odd,even,2n+1,1) <p>5) Designing a simple menu 6) Designing a menu have sub menu</p> </p>	2
7	<p>1) Designing a simple home page of a website 2) Designing a Registration page of a website 3) Designing a login page of a website</p>	2

Foundation of 'PHP'

L.N.	Content	Hours
8	<p>1) Introduction of Scripting language 2) Introduction of Server Side Scripting language 3) Introduction of PHP 4) Overview of PHP 5) Installation of PHP 6) Syntax 7) Echo / Print 8) Data types 9) Variables 10) Constant</p>	2

9	<ul style="list-style-type: none">1) PHP operators<ul style="list-style-type: none">a. Arithmetic Operatorsb. Assignment Operatorsc. Comparison Operatorsd. Logical Operatorse. Concatenation Operators2) Decision Making Statements<ul style="list-style-type: none">a. If else statementb. Else if statementc. Switch case statement3) Looping Statement<ul style="list-style-type: none">a. While loopb. Do-while loopc. For loopd. Foreach loop	2
10	<ul style="list-style-type: none">1) Strings2) Function<ul style="list-style-type: none">a. Defining a user define functionb. Function with argumentsc. Function with return type3) Arrays<ul style="list-style-type: none">a. Indexed arraysb. Associative arraysc. Single Dimensional arraysd. Double dimensional arrayse. Multi-dimensional arrays4) Arrays Sorting<ul style="list-style-type: none">a. Sort()b. Rsort()c. Asort()d. Ksort()e. Arsort()f. Krsort()	2

11	<p>1) Introduction of all Super global variables</p> <ul style="list-style-type: none"> a. \$_GLOBAL b. \$_SERVER c. \$_REQUEST d. \$_POST e. \$_GET f. \$_FILES g. \$_SESSION h. \$_COOKIE <p>2) Form Handling</p> <p>3) Collect form data by \$_GET, \$_POST and \$_REQUEST</p> <p>4) Implode & explode function</p> <p>5) Submit all data of registration form with validation</p>	2
12	<p>1) File Uploading with validation</p> <p>2) Working with MySql</p> <p>3) Connect to MySql with PHP using mysqli()</p> <p>4) Execute insert/update/delete query using mysqli_query()</p> <p>5) Execute select query using mysqli_query()</p> <p>6) Show data in table from database</p>	2
13	<p>1) User Registration</p> <p>2) Save user registration data into MySql database</p> <p>3) Show registered users data</p> <p>4) Delete registered users</p> <p>5) Edit registered users</p>	2
14	<p>1) Include & require functions</p> <p>2) Sending Emails Using PHP Mailer</p> <p>3) \$_SERVER (Web Concept)</p> <p>4) Cookies</p> <p>5) Sessions</p>	2
15	<p>1) Date & Time</p> <p>2) PHP AJAX</p> <p>3) File handling</p> <ul style="list-style-type: none"> a. Opening/Creating a File b. Reading a File c. Writing a File d. Closing a File 	2

16	1) Server Side Form Validation 2) User Authentication (Login and Logout)	2
17	1) Problem Solving & Recovery Class 2) Test 3) Project Allotment 4) Divide Team & Project Coordinators	2
18-29	Project Development (Complete All Project Modules)	2
30	Project Testing & Submission	2