

PHP

<u>Day</u>	<u>Topics</u>	<u>Options Covered</u>	<u>Hours</u>
Day 1	NETWORKS TYPES OF NETWORKS	• Network Definition • LAN • MAN • WAN • GAN	1
Day 2	INTERNET TECHNOLOGIES	• About Internet • Client Server Communication	1
Day 3	INTRODUCTION TO WEBTECHNOLOGIES	• What is Website? • Features of Websites • Usage of Websites • Types of websites and web servers • Difference between static and dynamic websites	1
Day 4	HTML INDRODUCTION	• What is HTML? • What is TAG? • Types of Tags • What is Attribute? • Structure of HTML • Rules of HTML • Creating a sample webpage	1
Day 5 Day 6 Day 7 Day 8 Day 9 Day 10	TAGS IN HTML	• Text Tags in HTML(,<i>,<u>....etc) • tag • Heading Tags • Paragraph tag • <pre>tag • <hr>tag • Division tag<div> • <marquee> tag • Image Tag • <abbr>tag • <bdo> tag • Hyper Link and Email link Tag • List Tag - i)Un Ordered List() - ii)Ordered List() - iii)Difinition List(<dl>,<dt>,<dd>) • Table Tag - i)Table Row(<tr>) - ii)Table Head (<th>) - iii)Table Data (<td>) • Creating a Form (<form> tag and <input>tag) - i)inserting a Text field - ii)inserting a Password Field	6

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		iii)inserting a Radio Button iv)inserting a Check Box v)inserting a Drop down list vi)inserting aTextArea vii)inserting a Push,submit,reset buttons • Creating a Frame with <frameset>,<frame>,<iframe>	
Day 11	CSS INTRODUCTION	• What is CSS? • Usage of CSS • CSS Syntax • What is Property?	1
Day 12	TYPES OF CSS	• Inline Style sheet • Internal Style sheet • External Stylesheet • Examples in each type • ID Selector Example • Class Selector Example	1
Day 13 Day 14 Day 15 Day 16 Day 17 Day 18	PROPERTIES OF CSS	• Text Properties • Font properties • Psedo classes and elements • List properties • Background properties • Border properties • Padding properties • Margin properties • Link Properties	6
Day 19	JAVASCRIPT INTRODUCTION	• What is Script? • Types of Scripts • About Scripting Languages • About javascript	1
Day 20 Day 21	JAVASCRIPT BASICS	• About <script> tag • Comments • Sample script code with document.write() • How to define variable • Types of operators • Keywords	2
Day 22 Day 23 Day 24	CONDITIONAL STATEMENTS AND LOOPS	• Conditional statements i)simple if statement ii)if-else statement iii)Nested if iv)Else if Ladder v)Switch case Loop Statements i)While ii)Do-While iii)For Break And Continue	3

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Day 25	ARRAYS	• Array definition • Types of Arrays • Sample programs on arrays	1
Day 26	FUNCTIONS	• Function Definition • Syntax • Passing a arguments to functions • Return a value to functions • Advantage of function	1
Day 27	EVENTS	• What is Event? • Example on Events (onload,onunload,onchange,onfocus,onclick etc..) More Example Programs on like changing background colors,image roleover etc..	1
Day 28 Day 29	OBJECTS and DOM	• String object • Math Object • Date Object • Window Object • Examples on Window object Methods Like alert(),confirm(),prompt(),open() • Form Objects	2
Day 30	CLIENT SIDE VALIDATION	• What is Validation? • Types of validations(client side & server side) • Validation example on checking user name length	1
Day 31 Day 32	INTRODUCTION TO PHP	• PHP installation and Introduction • Evaluation of Php • Basic Syntax • Defining variable and constant • Php Data type • Operator and Expression	2
Day 33 Day 34	DECISIONS AND LOOP	• Making Decisions • Doing Repetitive task with looping • Mixing Decisions and looping with Html	2
Day 35 Day 36	ARRAYS	• Anatomy of an Array • Creating index based and Associative array • Accessing array Element • Looping with Index based array • Looping with associative array using each() and foreach()	2
Day 37 Day 38	FUNCTIONS	• What is a function • Define a function • Types of Functions • Recursive function	2

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Day 38 Day 39	STRINGS	• Creating and accessing String • Searching & Replacing String • Formatting String • String Related Library functions	2
Day 40 Day 41 Day 42	HANDLING HTML FORM WITH PHP	• Capturing Form Data • Dealing with Multi-value filed • Generating File uploaded form • Redirecting a form after submission • \$_GET Variable • \$_POST Variable	3
Day 43 Day 44	WORKING WITH FILE	• Understanding file • Opening and closing a file • Coping ,renaming and deleting a file • File Uploading & Downloading	2
Day 45 Day 46	MYSQL	• Create tables • fields Alter table Insert • Update and where condition Delete, Select Limits • Import and Export Database	3
Day 47 Day 48 Day 49 Day 50	DATABASE CONNECTIVITY WITH MYSQL	• Introduction to RDBMS • Connection with MySql and MySqli Database • Performing basic database operation(DML) (Insert, Delete, Update, Select) • Setting query parameter • Executing query	4
Day 51 Day 52 Day 53 Day 54 Day 55 Day 56 Day 57 Day 58 Day 59	INTRODUCTION TO OOPS	• Introduction • Objects • Declaring a class • The new keyword and constructor • Access method and properties using \$this variable • Public ,private, protected properties and methods • Static properties and method • Class constant • Inheritance & code reusability • Polymorphism • Instanceof operator • Abstract method and class • Interface • Final	9
Day 60	EXCEPTION HANDLING	• Understanding Exception and error • Try, catch, throw	1