

LansA Informatics Pvt Ltd



WEBSITE

DESIGN & DEVELOPMENT TRAINING

SYLLABUS BOOK

***GET TRAINED FROM INDUSTRY
EXPERTS AND ENHANCE YOUR FUTURE***

Website: www.lansainformatics.com

Blog: lansastudentscdc.blogspot.com

P: +91 90 953 953 33 | E: studentscdc@lansainformatics.com

ABOUT WEB TECHNOLOGY COURSE SCOPE:

- ❖ The booming IT business across the globe, the web has become one in every of the foremost necessary suggests that of communication nowadays and websites are the lifelines of the web.
- ❖ Thus career scope in internet planning is tremendous and career opportunities are sensible. With the inevitable want of websites for any institute or company, they hunt for efficient web designers and web developers, who will produce skilled websites, is ever compelling.
- ❖ These professionals are needed in each field of business from giant companies to instructional institutes, to little business to private uses.
- ❖ This program is developed to provide students with the information they need to develop and implement effective and powerful websites sites.

PROGRAM EDGES

- ❖ Design, implement, publish, and maintain websites, using authoring or scripting languages, content creation tools, management tools and digital media.
- ❖ Perceive the way to clearly organize a standardized and purposeful web site from each a user and business perspective.
- ❖ Value code to confirm that it's valid, is correctly structured, meets business standards and is compatible with browsers, devices or in operation systems.
- ❖ Develop or validate take a look at routines and schedules to confirm that take a look at cases mimic external interfaces and address all browser and device varieties. Construct, extract, transform, and gift information resident content directly into an internet delivery mechanism.

MODULE 1: PHOTOSHOP

1. Defining page setup for web
2. Understanding file formats for web
3. Understanding Pixels & Resolution
4. Navigating Photoshop
5. Working with tools
6. Working with Multiple Images, Rulers, Guides & Grids
7. Working with layers,
8. Merging Layers, locking layers
9. Blending modes, opacity & fill
10. Adjusting Canvas Size & Canvas Rotation
11. Creating text, applying styles effects
12. Creating web patterns
13. Levels, Curves adjustment
14. Patch tool image correction
15. Enhancing image for web
16. Retouching images
17. Transforming of images
18. Color palette
19. Using filters for effect
20. Render, glass, wood texture, emboss
21. Creating Web Layout
22. Creating Web banners
23. Web Animation in Photoshop
24. Converting Photoshop Layout to HTML in Photoshop

MODULE 2: HTML

1. Introduction to Internet
2. Understanding Browsers
3. Starting with HTML
4. HTML Page Structure
5. Defining Web Layout(Head & Body)
6. Head Tags
7. BODY tag with Bgcolor, Background with image and text color.
8. Text formatting
9. Text attributes
10. Importance of heading tags (H1–H6)
11. Marquee text with or without background, Blink the text attributes
12. Divide section using <HR> line with width, align, size
13. Knowing Images format for web
14. Working with images
15. Images attributes
16. Working with Tables
17. Table attributes
18. Colspan, Rowspan
19. Table Border, Align, Valign
20. Table background image, color to cell
21. Nesting tables
22. Using list

23. Ordered list
24. Unordered list
25. Bullets (disc, square, circle)
26. Upper alphabets, lower alphabet, roman upper or lower
27. Working with Links
28. Internal Links
29. External Links
30. Anchor Link
31. Email Link
32. Linking with text
33. Links with images
34. working with forms
35. knowing get and post action
36. Radio button, Check box,
37. Text box, Drop-down list,
38. Use attribute Size, Max-length, Name attributes
39. Add Submit and Reset Button

MODULE 3: CSS

1. Introduction to Cascading Style Sheets
2. Types of Style Sheets
3. (Inline, Internal and External)
4. Class Selector
5. ID Selector
6. Absolute Relative Positioning
7. Inline menu
8. DIV + CSS Layout Design
9. PSD to CSS Conversion

MODULE 4: PHP

INTRODUCTION:

1. History of PHP
2. Hardware and Software requirements

BASIC PHP DEVELOPMENT:

1. Basic PHP syntax
2. PHP data types
3. Basic Program in PHP
4. Operators
5. Variable manipulation

STRING MANIPULATION:

1. Formatting String for Presentation
2. Formatting String for Storage
3. Joining and Splitting String
4. Comparing String
5. Matching and replace Substring

CONTROL STRUCTURES:

1. If(), else if() and else if condition Statement
2. The switch statement
3. Using the ? operator
4. Using the while() Loop
5. The do while statement
6. Using the for() Loop
7. Breaking out of loops
8. Nesting loops

FUNCTIONS:

1. What a function
2. Creating a function
3. Returning value from function
4. User-defined functions
5. Dynamic function calls
6. Variable scope

7. Accessing variable with the global statement
8. Function calls with the static statement
9. Setting default values for arguments
10. Passing arguments to a function by value
11. Passing arguments to a function by reference

ARRAYS:

1. Single-Dimensional Arrays
2. Multidimensional Arrays
3. Associative arrays
4. Accessing arrays
5. Getting the size of an array
6. Looping through an array
7. Looping through an associative array
8. Examining arrays
9. merging arrays
10. Sorting arrays
11. Sorting an associative arrays

FILE SYSTEM:

1. Creating and deleting a file
2. Reading and writing text files
3. Working with directories in PHP
4. Checking for existence of file
5. Determining file size
6. Opening a file for writing, reading, or appending
7. Writing Data to the file
8. Reading characters

FORMS:

1. Forms
2. Super global variables

3. Super global array
4. A script to acquire user input
5. Importing user input
6. Accessing user input
7. Combine HTML and PHP code
8. Using hidden fields
9. Redirecting the user
10. File upload and scripts
11. Delete a File

REGULAR EXPRESSIONS:

1. The basic regular expressions
2. Matching patterns
3. Finding matches
4. Replace patterns

CLASSES AND OBJECTS:

1. Object oriented concepts
2. Define a class
3. Class attributes
4. An Object
5. Creating an object
6. Object properties
7. Object methods
8. Object constructors and destructors
9. Class constants
10. Static method
11. Class inheritance
12. Abstract classes
13. Final keyword
14. Implementing Interface
15. Object serialization
16. Understanding Advance and New
17. Checking for class and method existence
18. Iterators

COOKIES

1. What is a Cookie?
2. Setting time in a cookie with PHP
3. Deleting a cookie
4. Creating session cookie
5. Working with the query string

SESSION

1. What is session?
2. Starting a session
3. Registering Session variables
4. working with session variables
5. destroying session
6. passing session Ids
7. encoding and decoding session variables
8. How to increase session expire time
9. How to work session without cookie?

MODULE 5: MY SQL

INTRODUCTION TO DATABASE

1. What is RDBMS technology?
2. Introduction to SQL
3. Connecting to the MYSQL
4. Selecting a database
5. Adding data to a table
6. Displaying returned data on Web pages
7. Finding the number of rows
8. Looping through database
9. Inserting data
10. Deleting data
11. Entering and updating data
12. Executing multiple queries

13. Understanding Primary and Foreign Keys

14. Understanding Database Normalization

15. Dealing with Dates and Times

MODULE 6: ADVANCED PHP TECHNIQUES

1. Math functions
2. File upload
3. File Download
4. E-mail with PHP
5. PHP configuration file
6. Error tacking and debugging

MODULE 7: DEVELOPING WEB BASED PORTAL AND APPLICATION

PROJECT IN PHP:

1. Requirements analysis of Project
2. Developing a project

**AFTER GRADUATION??
WORRIED ABOUT FUTURE
JOIN US IMMEDIATELY!**



COME & **JOIN** **US**

CONTACT DETAILS

**Lansa Informatics Pvt Ltd
R.K.Complex, FF-4.Kamaraj Road.
Ramanujanagar, Coimbatore - 641 015
L: 0422 - 4204373 | P: +91 90 90 953 953 33
E: studentscdc@lansainformatics.com
W: www.lansainformatics.com
B: www.lansastudentscdc.blogspot.com**

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