COMPUTER'S GALAXY ®

★ HARDWARE ★ SOFTWARE ★ EDUCATION

Deals in : Computers, Laptops, Networking, Software Development & Website Development

Plot No. 8, 1st Floor Chand Medicos, Shakti Nagar Chowk, Amritsar. Ph.: 5009873, 98147-36888
Plot No. 7, Above Oxford Book Shop, Nai Sadak, Opp. B.B.K. D.A.V. Clg,Lawrence Road, Asr. Ph.: 5011182, 98143-36888

Course Content

Professional Web Designing (PHP) (Dreamweaver)

Module-1

Basics of Web Designing

●Introduction to web designing
●Thinking like a Pro Web Designer and Web Designing Discipline

HTML 5

HTML Basic

●HTML-elements- basic tags, attributes, formatting, entities, links, frames,Tables, list, forms-post and get method, form elements, tables, Images, background,colors, color values, color names.

Module-2

Designing Cascading Style Sheets (CSS)-

●CSS – Introduction, syntax, background, text, font, border, outline, margin, Padding, list, tables, Positioning, pseudo class, pseudo element, image Gallery.

●Web Page Designing Using HTML Editor

CSS 3

RESPONSIVE DESIGN WEBSITE

Module-3

JavaScript

●Introduction to JavaScript
●Introducing variables and literals, objects
●JavaScript and the web browser
●Introduction to event handlers
●The document object, Images, Links, Forms
●Cascading Style Sheets, Dynamic Style Sheets, Positioning, Document Object Model.

JQuery With Animation

Introduction to Ajax -

●Introduction to AJAX
●AJAX components
●HTML in AJAX

Windows Application Development

●Defining look and feel using CSS
●The XML Http Request Object
●Working with the server side
●The Document Object Model (DOM)
●Accessing, creating and modifying XML nodes
●Using XSLT with AJAX.

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Module-4

Working on Open Source Software's

PHP Basic

- Installation, customization, syntax
- Variables, string, operators,
- If-else, switch, Arrays
- Looping, function, forms
- $_GET, $_POST, $_REQUEST

PHP Advance

- File Uploads
- Sending emails from PHP

ADO.NET

- Sessions, Cookies
- Database Connectivity
- OOPS Concepts

MySql

- Installation, customization, Database Structure
- Introduction to SQL and MySql
- Principles of database programming from PHP
- Creating tables, Adding and changing information
- Retrieving information from a table and reporting it to a web page
- Deleting tables, PHP ODBC.

Module-5

Writing good PHP applications

- Analysing the Requirement
- Designing the Application
- Multi-task PHP Scripts
- Writing Maintainable Code
- Error checking and Data Integrity in a multi-user environment
- Good use of functions and include files
- Separating HTML from script from SQL
- Keeping Databases
- Directories and Shopping Carts Tidy
- Portability Issues (databases, operating systems, PHP releases and installation)
- Future-Proofing, Backups.

Designing database driven websites

- Insertion, Updating, Retrieving, Deletion in MySql tables using PHP
- Login Form, Enquiry Form, Guestbook & Dynamic Pages

Shopping cart application in PHP

- Putting in all together in a practical example
- Database of products, User Tracking
- Keeping HTML templates apart from the code•Developing the page look using a tool such as Dreamweaver
- Secure Server, Verification of User Details
- Accepting online credit card details or online payment

Content Management System using MySql and PHP-

- MySql table of authorised data editors
- Login Form, Enquiry Form, Guestbook & Dynamic Pages
- Administrator and editor login capability
- Login Form, Enquiry Form, Guestbook & Dynamic Pages
- MySql table of data to be managed,
- Select and display system for any site visitors
- Editing System for authorised editors using cookies and carts
- Authorization through Passwords
- Passwords edit capability
- Ability to edit editor list for the administrator
- State Management
- Controls
- Page Layout
- Error Handling
- Tracing
- Binding to Controls

Exposure to live Practical Problems

Hand-on approach with Numerous Examples & Practical Exercises