RESPONSIVE

WEB DESIGNING

COURSE SYLLABUS

FA Computer Point: #111, First Floor, Above Jahangir Ali Dawasaz Shop, Old Prince Hotel Building, Mhedipatnam, Hyderabad.

Phone: 8019203411 | Website: www.facomputerpoint.com | E-Mail: facomputerpoint@gmail.com

Professional Web Designing Course

Introduction to Web Technologies

- ➢ Introduction to Web Technologies
- ➢ Careers in Web Technologies and Job Roles
- ➢ How the Website Works? o Client and Server Scripting Languages
- ➢ Domains and Hosting

- ➢ Responsive Web Designing
- ➢ Types of Websites (Static and Dynamic Websites)
- ➢ Web Standards and W3C recommendations

Adobe Photoshop

- ➢ Introduction of Stock Photography
- ➢ Types of Image Graphics
- ➢ Introduction to Adobe Photoshop
- ➢ Interface Tour of Photoshop
- ➢ Color Modes
- ➢ Resolution and Presets
- ➢ Move Tool
- ➢ Marque Tool
- ➢ Lasso Tool
- ➢ Quick Selection, Magic Wand
- ➢ Crop, Slicing Tool
- ➢ Healing Brush, Patch Tool
- ➢ Brush Tool
- ➢ History Brush

- ➢ Eraser Tool
- ➢ Pattern Stamp, Clone Stamp
- ➢ Gradient Tool
- ➢ Blur and Exposure Tool
- ➢ Pen Tool, Shape Tool
- ➢ Text Tool
- ➢ Other Photoshop Tools
- ➢ Layers, Groups and Smart Object
- ➢ Blending Options
- ➢ Filter Effects
- ➢ Client requirement analysis
- ➢ Realtime Website Layout Design
- ➢ Practical Task in Layout Design

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HTML 4.01 and XHTML 1.1

- ➢ What is Markup Language
- ➢ Basic Structure of HTML
- ➢ Difference Between HTML and XHTML
- ➢ Head Section and Elements of Head Section
- ➢ Meta Tags
- ➢ CSS Tags
- ➢ Script Tag
- ➢ Table Tag
- ➢ Div Tag
- ➢ Header Tags
- ➢ Paragraph, Span, Pre Tags
- ➢ Anchor Links and Named Anchors
- ➢ Image Tag
- ➢ Object Tag

- ➢ Iframe Tag
- ➢ **Forms**
- ➢ Form Tag
- ➢ Attributes of Form
- ➢ POST and GET Method
- ➢ Fieldset and Legend
- ➢ Text input, Text area
- ➢ Checkbox and Radio Button
- ➢ Dropdown, List and Optgroup
- ➢ File Upload and Hidden Fields
- ➢ Submit, Image, Normal, Reset Button
- ➢ Creating a Live Website Form
- ➢ HTML Validators

Adobe Dreamweaver

- ➢ Introduction to Adobe Dreamweaver
- ➢ Dreamweaver Interface Basics
- ➢ Defining a Dreamweaver site
- ➢ Insert Toolbar
- ➢ Common Tools
- ➢ Layout Tools
- ➢ Forms Tool
- ➢ Spry Tools

- ➢ Properties Panel
- ➢ Using Snippets panel
- ➢ Dreamweaver extensions
- ➢ Template Design in DW
- ➢ Editable and Non-Editable Regions
- ➢ Defining the DWT for project
- ➢ Creating sub pages for project

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CSS 2.1

- Introduction to Cascading Style Sheets
- Types of CSS
- **CSS Selectors**
- Universal Selector
- ID Selector
- Tag Selector
- Class Selector
- Sub Selector
- Child Combinatory Selector
- Adjacent Sibling Selector
- Attribute Selector
- Group selector
- First-line and First-letter selector
- Before and After Selector
- **CSS Properties**
- Type Properties
- Background Properties
- Block Properties
- Box Properties
- List Properties
- Border Properties
- Positioning Propeties
- **Realtime Implementation**
- Converstion of Table to CSS Layout
- CSS Menu Design (Horizontal, Vertical)
- Form Designing

HTML 5

- Introduction to HTML5
- Features of HTML5
- HTML5 DocType
- **New Structure Tags**
- Section
- Nav
- Article
- Aside
- Header
- Footer
- Designing a HTML Structure of Page
- New Media Tags
- Audio Tag
- Video Tag
- Canvas and Svg Tag
- Introduction to HTML5 Forms
- New Attributes
- Placeholder Attribute
- Require Attribute
- Pattern Attribute
- Autofocus Attribute
- email , tel, url types
- number type
- date type
- range type
- voice search
- Examples of Form

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CSS 3

- Introduction to CSS 3
- **New CSS 3 Selectors**
- Attribute Selectors
- First-of-type
- Last-of-type
- Nth-child
- Element:empty
- **New CSS3 Properties**
- Custom Fonts
- Text-Shadow Property
- Text-Stroke Property
- Rounded Corners
- Box Shadows
- CSS Gradients
- CSS Multiple backgrounds
- Opacity Property
- Transition effect
- Transform effect
- Animation effects
- Css Media Queries
- Using CSS3 in Practical Layout

Responsive Web Design with Bootstrap

- Introduction to Responsive Design
- Mobile first design concepts
- Common device dimensions
- View-port tag
- Using css media queries
- Menu conversion script
- Basic Custom Layout
- Introduction to Bootstrap
- Installation of Bootstrap
- Grid System
- Forms
- Buttons
- Icons Integration
- Using CSS3 in Practical Layout

JavaScript

- 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

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jQuery and jQuery UI

- Introduction to jQuery
- jQuery Features
- Installing jQuery
- jQuery Syntax
- jQuery Ready Function
- jQuery Selectors
- jQuery Actions
- jQuery plugins
- jQuery Validation plugin
- jQuery Slideshow
- jQuery Dropdown
- jQuery UI
- Working with jQueryUI
- jQuery Accordions
- jQuery Tabs
- jQuery Tooltips
- jQuery Autocomplete

Web Hosting

- Web Hosting Basics
- Types of Hosting Packages
- Registering domains
- Defining Name Servers
- Using Control Panel
- Creating Emails in Cpanel
- Using FTP Client
- Maintaining a Website

Real Time Website Project

- Clients Requirement Analysis
- Planning the Website
- Creating the HTML/CSS Structure
- Creating project using Bootstrap
- Integration of Features using JS and jQuery
- Project Testing

Web Designing Resources and Material

- Graphics (Icons, Buttons, Backgrounds)
- Study Material in PDF
- Daily Notes in Class
- All class examples files on our FTP server space for easy access
- 100 Stock Photos for Website Work
- Java Scripts and Jquery Files (Date, Slideshow, Dropdowns, Modal and Ajax Scripts)

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