

F.A. Computer Point

#111 First Floor, Mujaddadi Estate/Prince Hotel Building, Opp: Okaz Complex, Mehdiapatnam, Hyderabad, INDIA.

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WEB DESIGNING COURSE SYLLABUS

1. Adobe Photoshop CC
2. Introduction to Web Technologies
3. HTML 4.01
4. HTML 5
5. Adobe Dreamweaver CC
6. CSS 2
7. CSS 3
8. Responsive Web Design + Bootstrap 4
9. Java Script
10. jQuery and jQuery UI
11. Domain and Hosting
12. Wordpress
13. Website Design Project
14. Web Designing Resources and Material

1. Adobe Photoshop CC

- Introduction to Photoshop
- Interface of Photoshop Software
- Document Settings
- Resolution Settings
- Color Modes
- Formats
- Palettes
- Toolbox
- Selection Tools
- Manipulation Tools
- Painting and Retouching Tools
- Type Path and Shape Tools
- Utility Tools (Assistance Tools)
- Color Control Tools (Foreground & Background color)
- Basic Image Editing
- Image Effects
- Smart Guides
- Image Size

- Canvas Size
- Defining Pattern
- Filter Effects
- Frame Animation

2. Introduction to Web Technologies

- Introduction to Web Technologies
- How does the Website Work?
- Types of Websites (Static, Dynamic and CMS Websites)
- Responsive Web Designing
- Client and Server Scripting Languages
- Domains and Hosting
- Web Standards and W3C recommendations
- Careers in Web Technologies and Job Roles

3. HTML 4.01

- Introduction to HTML
- Basic Structure of HTML
- Head Section and its Elements
- Meta, CSS, Script, Title and Favicon
- **HTML 4 tags**
- Table tag and div tag
- Headings, Paragraph, Lists, Pre and Span tags
- Anchor Links and Named Anchors
- Image Tag, Object Tag, Iframe Tag
- Form Tag and its attributes
- 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

4. HTML 5

- **HTML 5 Tags**
- Header, Nav, Main, Section, Article tags

- Aside, Figure, Dialog, Details, Summary and Footer tags
- Mark, Figcaption, Code and Cite tags
- Audio and Video tags
- Input tag new attributes and values
- Buttons, Datalist, Required, Placeholder and Autofocus
- Using HTML tags in realtime websites
- HTML Validators

5. Adobe Dreamweaver CC

- Introduction to Adobe Dreamweaver CC
- Interface Basics
- Creating new documents
- Define a Site
- Creating root-site folder and its elements
- Working with previews
- Designing interface using insert tools
- Properties Panel
- Working with errors, validating code

6. CSS 2

- Introduction to Cascading Style Sheet
- Defining CSS
- **CSS Selectors**
- Universal Selector
- ID Selector
- Tag Selector
- Class Selector
- Sub Selector
- Child Selector
- Attribute Selector
- Group Selector
- **CSS 2 Properties**
- Type Properties
- Background Properties
- Block Properties
- Box Properties
- List Properties
- Border Properties

- Positioning Properties
- **Realtime Implementation**
- CSS Menu Design (Horizontal, Vertical and Drop-down menus)
- Form Designing

7. **CSS 3**

- **CSS 3 Advanced Selectors**
- nth-child() and nth-of-type
- first-of-type and last-of-type
- first-child and last-child
- first-line and first-letter
- before and after
- **CSS 3 Properties**
- Rounded corners
- Advanced Background Properties
- Shadow Properties
- Opacity
- Gradients
- Transition and Transform properties
- Animation Properties

8. **Responsive Web Design + Bootstrap 4**

- Introduction to Responsive Design
- Devices and their dimension ranges
- View-port tag
- Using css media queries
- Basic Custom Layout
- Introduction to Bootstrap 4
- Installation of Bootstrap 4
- Grid System
- Forms
- Buttons
- Tables and Images
- Image Sliders
- Icon Integration
- Realtime page design using bootstrap

9. **Java Script**

- Introduction to Client Side Scripting

- Introduction to Java Script
- JavaScript Types
- Variables in JS
- Data types in JS
- Operators in JS
- Conditional Statements
- Java Script Loops
- JS Popup Boxes
- JS Events
- JS Arrays
- JS Objects
- JS Functions
- **Using Java Script in Realtime**
- Validation of Forms

10. **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 jQuery UI
- jQuery Accordions
- jQuery Tabs
- jQuery Tooltips
- jQuery Auto complete

11. **Domain and 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

12. Wordpress

- Introduction to CMS
- Introduction to Wordpress
- Installation of Wordpress application
- Installing a theme
- Using Dashboard and its components
- Creating Pages
- Setting Menu
- Installing plugins
- Editing Content
- Customizing Techniques

13. Website Design 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

14. 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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