

## **Adobe Photoshop**

- Introduction of Stock Photography
  - Types of Image Graphics
  - Vector Graphics and Tools
  - Scalar Graphics and Tools
  - Introduction to Adobe Photoshop
  - Interface Tour of Photoshop and Palletes
  - Color Modes and Resolution Options
  - File Types in Photoshop
  - Using Photoshop Tools with Realtime Examples
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- Move Tool
  - Marque Tools
  - Lasso Tools
  - Quick Selection / Magic Wand
  - Crop / Slicing Tool
  - Image Manipulation Tools
  - Brushes
  - Patterns
  - Gradients
  - Pen Tool / Shape Tool
  - Text Tool
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- Working with Layers, Grouping and Smart Objects
  - Image Adjustments
  - Layer Masking, Layer Clipping
  - Using Blending Options to create unique effects
  - Analysis Menu
  - View Menu / Window Menu
  - Filter Effects
  - Photoshop Actions
  - Automation Tools
  - Animation using Photoshop
  - Brochure Designing
  - Generating PDF Output
  - Designing a Logo
  - Creating a Business Card
  - Design Banners for Website
  - Realtime Website Layout Design
  - Whats new in PS CS 6.0

## Hyper Text Markup Language (HTML 4.01)

- What is Markup Language
- Basic Structure of HTML
- Head Section and Elements of Head Section
- Meta Tags
- External Link Tags
- **HTML Structure Tags**
  - Table Tag
  - Div Tag
  - Frames
- **Content / Media Tags**
  - Header Tags
  - Paragraph, Span, Pre Tags
  - Anchor Links and Named Anchors
  - Image Tags / Image Hot Spots
  - Object Tag
  - Iframe Tags
- **Working with Forms**
  - Form Tag
  - POST and GET Method
  - Text Input, Text Area, Checkbox, Image Input and Radio
  - Select Option, Option Group
  - File Upload and Hidden Fields
  - Submit Button, Reset Button
  - Relation between HTML Form and PHP
  - Creating a Live Website Form

## **Cascading Style Sheets (2.0)**

- Introduction to Cascading Style Sheets
- Types of Style Sheets (Inline, Internal and External)
- CSS for Website Layout and Print Layout
- **Types of CSS Selectors**
  - Universal Selector
  - Type Selector
  - Class Selector
  - ID Selector
  - Child Selector
  - Descendant Selector
  - Adjacent Sibling Selector
  - Attribute Selector
  - Query Selector
  - Nesting of Selectors
- **CSS properties**
  - Type Properties
  - Background Properties
  - Block Properties
  - Box Model Properties
  - List Properties
  - Border Properties
  - Positioning Properties
  - Properties useful in Realtime Designing
- **Using CSS for Realtime Practical Works**
  - Defining the Text Styles
  - Defining the Background Styles
  - Designing a Menu System (Horizontal, Vertical and Drop Down)
  - Custom Form Designing
  - DIV + CSS Layout Design
  - PSD to CSS Conversion
- CSS Optimization Tips

## Adobe Dreamweaver

- Introduction to Adobe Dreamweaver
- Dreamweaver Interface Basics
- Type of Views
- **Defining a Dreamweaver site**
  - Benifits of Using Site
  - Creating a Site for Static Project
  - Creating a Site for PHP Project
- **Standard Tool Bar**
- Setting the Dreamweaver for Multiple Browser Output
- Device Central and Mobile Sites
- **Common Tool Bar**
  - Anchor Links / Email Links / Named Anchors
  - Insert Table
  - Insert Divs
  - Inserting Images / Image Hot Spots
  - Inserting Flash / Video
  - Meta Tags
  - Script Tags
- **Layout Tool Bar**
  - Inserting Divs
  - Inserting Tables
  - Working with Frames
  - Working with IFrames
- **Text Tags**
  - Headings Tag
  - Content Tags
  - Formating Tags
- **Spry Elements**

- Spry Menu Bar
  - Tabbed Panels
  - Accordions
  - Collapsible Divs
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- **Forms in Dreamweaver**
    - Form Tag
    - Fieldset and Label Tag
    - Input Tags (Hidden, Text, Checkbox, Radio, Image)
    - Select Tag / List Tag / Opt Group
    - Buttons (Submit and Reset)
    - File Type / Encoding Type
    - Sending Mail using PHP
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- **Dreamweaver Advanced Concepts**
    - Spry Form Validations
    - Snippets Creation
    - FTP Client in DW
    - Dreamweaver Extensions
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- Template Design in Dreamweaver
  - Importing a website design
  - Setting the Editable and Non-Editable Regions
  - Defining the DWT for project.
  - Detaching the Template / Modifying the Template
  - Validating the XHTML & CSS
  - Common Compatibility Issues

## **Adobe Flash**

- Introduction to Animation
- Introduction to Adobe Flash
- Tools in Adobe Flash
- Shape Tween and Motion Tween

- Various Flash Effects
- Creating Flash Banners
- Creating Flash Intro's
- Basics of Action Scripting.

## **Introduction to Web Technologies**

- Introduction to Web Technologies
- JQuery
- Javascript
- Careers in Web Technologies and Job Roles
- How the Website Works ?
- Client and Server Scripting Languages
- Difference between a Web Designer and Web Developer
- Types of Websites (Static and Dynamic Websites)
- Web Standards and W3C recommendations