

WEB DESIGNING



CURRICULUM

- » **Introduction to Web Technologies**
- » **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)**
- » **Responsive design and layout**

Photoshop 6 Hrs.

Model-1 2 Hrs.

- » **Introduction to Adobe Photoshop**
- » **Color mode & resolution**
- » **Types of Graphics**
- » **Export image**
- » **Animated Image**
- » **Tools**
- » **Ruler and scaling**

Model-2 1 Hrs.

- » **Create Logos**
- » **Photos masking**
 - Layer Mask
 - Vector Mask
 - Create Clipping Mask
 - Quick Mask
 - Text Mask

Model-3 3 Hrs.

- » **3D tools**
- » **Smart Objects**
- » **Merge Layers**
- » **Group Layers**
- » **Matting**
- » **Define Brush**
- » **Define Pattern**
- » **Define Custom shapes**
- » **Layer Styles**
- » **Blending Options**
- » **Advanced Blending**
- » **View Menu / Window Menu**
- » **Filter Effects**
- » **Image Adjustments**
- » **Realtime Website Layout Design**

HTML 4.0 **8 Hrs.**

Model-1 **2 Hrs.**

» **What is Markup Language**

» **Basic Structure of HTML**

» **Document Overview**

- The Structure Tags
- Getting Started With HTML
- Writing the Code
- Head Section
- Meta Tags
- External Link Tags
- HTML Tags
- HEAD Tags
- Title Tags
- Body Tags
- Displaying a web page in a web Browser

» **HTML Elements**

- Block level elements
- Inline elements
- Empty elements

» **Working with Forms**

- Creating a Form
- 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

» **Adding Special Characters**

» **Block Oriented Elements**

- Defining Paragraphs and new Lines
- Inserting Spaces
- Perforating the Text
- Changing Background Color

Model-2 **2 Hrs.**

» **List**

- Ordered List
- Unordered List
- Definition List

» **Attributes of List**

- Using Type attribute with Unordered list
- Using Stat attribute with Ordered List
- Some other elements
- Visual Markup

» **Uniform Resource Locators**

- Types of URLs
- Absolute URLs
- Relative URLs
- Document-Relative URLs
- Server-relative URLs

» **Hypertext Links**

- Why links fail?

» Images

- Adding Images
- Adding Border to an image

Model-3 **3 Hrs.**

» Tables

- How to create table
- Adding Border to a Table
- Apply Formatting Features to Table
- Merge row and columns

» Introduction to style Sheets

- How style sheets work
- Style Sheet Structure

» Changing the Background

- Changing the color of the text
- Changing the front
- Changing the Indent of the text
- Changing the Line Spacing
- Hide a Style Sheet

Model-4 **1 Hrs.**

» Creating Style Classes

- Div
- Span
- Frame
- Layer
- Meta
- HTML Frames
- Frame
- iframe

HTML5 **12 Hrs.**

Model-1 **1 Hrs.**

- Introduction to HTML5
- Introduction to HTML5
- What's new in HTML5

» HTML5 Syntax

- The DOCTYPE
- The <script> tag
- The <link> tag
- HTML5 Document

Model-2 **2 Hrs.**

» New input Elements

- Color
- Date
- Datetime
- datetime-local
- email
- month
- number
- range
- search
- tel
- time
- url
- week

» New Input attributes

- autofocus
- formaction
- formmethod
- formnovalidate
- height and width
- list
- min and max
- multiple
- pattern (regexp)
- placeholder
- required
- step

Model-3 **1 Hrs.**

» Audio and Video

- <audio>
- <video>
- <source>

» New Structural Elements

- <details>
- <dialog>
- <summary>
- <meter>
- <main>
- <header>&<footer>
- <section>
- <aside>
- <figure>

Model-4 **4 Hrs.**

» SVG

- What is SVG?
- SVG Advantages
- SVG in HTML
- SVG Shapes
- SVG Text
- SVG Stroke properties
- SVG Animation

Model-5 **4 Hrs.**

» Canvas

- What is canvas?
- Lines
- Curves
- Paths
- Shapes
- Color, gradients
- Image
- Arc
- Text
- Shadow

» HTML5 APIs

- Google Map
- Drag & Drop

CSS **8 Hrs.**

Model-1 **1 Hrs.**

- CSS Introduction
- CSS Syntax
- CSS Id & Class
- Types of CSS links

» **Colors and Backgrounds**

- color
- background-color
- background-image
- background-repeat
- background-position
- background-attachment
- background

Model-2 **1 Hrs.**

» **Text and Fonts**

- font
- font-family
- font-size
- font-weight
- font-style
- line-height
- letter-spacing
- word-spacing
- text-align
- text-decoration
- text-transform
- white-space

Model-3 **1 Hrs.**

» **Lists**

- list-style
- list-style-type
- list-style-image
- list-style-position

» **Tables**

- table-layout
- border-collapse
- border-spacing

Model-4 **1 Hrs.**

» **CSS Selectors**

- Universal Selector
- Type Selector
- Class Selector
- ID Selector
- Child Selector
- Descendant Selector
- Attribute Selector
- Adjacent Sibling Selector
- General Sibling Selector
- Query Selector

Model-5 **1 Hrs.**

» **CSS Box Model**

- CSS Border

- CSS Outline
- CSS Margin
- CSS Padding

Model-6 3 Hrs.

» **CSS Advanced**

- CSS Grouping/Nesting
- CSS Dimension
- CSS Display
- CSS Positioning
- CSS Floating
- CSS Align
- CSS Pseudo-class
- CSS Pseudo-element
- CSS Navigation Bar
- CSS Image Gallery
- CSS Image Opacity
- CSS Attribute Selectors
- Styling Links

CSS 3.0 8 Hrs.

Model-1 1 Hrs.

» **Introduction to CSS3.0**

» **What's new in CSS 3.0**

» **Border**

- border-image
- border-radius

» **CSS Shadows**

- Text-shadow
- Box-shadow

» **Background**

- background-clip
- background-size
- background-origin
- background-image

Model-2 1 Hrs.

» **Outline**

» **Transitions**

- transition
- transition-delay
- transition-duration
- transition-property

» **Transform**

» **2D Transforms**

- transform
- matrix()
- translate(x,y)
- scale(x,y)
- rotate(angle)
- skew(x-angle,y-angle)

Model-3 1 Hrs.

» **3D Transforms**

- transform
- transform-style

- perspective
- transform-origin

Model-4 **1 Hrs.**

» **Animations**

- @keyframes
- animation
- animation-direction
- animation-duration
- animation-name

Model-5 **1 Hrs.**

» **Selectors**

- CSS combinations
- Pseudo Elements

» **Gradients**

- Linear Gradients
- Radial Gradients

» **Multiple Columns**

- column-count
- column-fill
- column-gap
- column-width
- columns
- column-rule
- column-rule-color
- column-rule-style
- column-rule-width

Model-6 **1 Hrs.**

» **User Interface**

- resize
- box-sizing
- outline-offset

» **CSS Filters**

- Blur
- Brightness
- Contrast
- Grayscale
- Hue-rotate
- Invert
- Opacity
- Saturate
- Sepia
- Drop-shadow

Model-7 **1 Hrs.**

» **Media Query**

- What is Responsive Web Design
- Intro to the Viewport
- The Viewport Tag
- Media Queries
- Fluid Layouts
- Tablet Styles
- Mobile Styles
- Making a Mobile Drop-down Menu
- Responsive Images & Polyfills

Model-8

1 Hrs.

» **Web Fonts**

- @font-face
- font-family
- src
- font-stretch
- font-style
- font-weight

» **Flexbox**

- flex-grow
- flex-shrink
- flex-basis
- flex
- flex-wrap
- flex-direction
- flex-flow
- justify-content
- align-items
- order

Dreamweaver cc

5 Hrs.

Model-1

1 Hrs.

» **Interface**

- choosing a workspace
- document window & toolbars
- the document window
- the launcher
- the insert panel & tool sets
- the document toolbar
- the property inspector
- dockable floating panels
- using contextual menus

Model-2

2 Hrs.

» **Site Control**

- defining a site
- file and folder management
- creating site maps
- using the file browser

» **Basics**

- defining the site
- creating and saving documents
- inserting images with assets panel
- adding text
- aligning page elements
- modifying page properties
- creating links with text and images
- preview in browser

» **Linking**

- link with point to file
- linking to new source files
- browse for file and link history
- anchor links
- email links
- file links
- image maps

Model-3 **1 Hrs.**

» **Typography**

- About Typography
- Web Typography

» **Tables**

- insert and modify a table
- fixed width tables
- relative width tables
- hybrid table
- insert tabular data
- sort table data

» **Rollovers**

- simple rollovers - insert rollover
- simple rollover - swap image behavior
- multiple-event rollovers
- flash buttons

Model-4 **1 Hrs.**

» **Cascading Style Sheets**

- redefining HTML tags
- defining a custom class
- CSS selectors
- CSS selectors to group tags
- linking to external CSS
- CSS reference panel

» **Forms**

- form objects
- creating a form
- creating a jump menu

» **Behaviors**

- set text of status bar
- open browser window behavior

» **Inserting Media Objects**

- linking to sounds
- embedding sounds
- inserting flash
- content inserting director content

JAVASCRIPT **24 Hrs.**

Model-1 **2 Hrs.**

» **Introduction to JavaScript**

- Syntax
- Statements
- Comments

Model-2 **1 Hrs.**

» **Enabling in various browsers**

» **Popup Boxes**

- Alert
- Confirm
- Prompt

Model-3 **2 Hrs.**

» **Variables**

» Operators

- Arithmetic
- Assignment
- Comparison
- Logical
- Conditional

Model-4 **6 Hrs.**

» Conditional Statements

- if
- if...else
- if...else if...else
- Switch

» Loops

- while
- do...while
- for
- for...in Statement
- Break
- Continue

Model-5 **3 Hrs.**

» Functions

- User-defined Functions
 - Function Syntax
 - Function with Arguments
 - Returning Values from Functions
- Built-in Functions
- parseInt and parseFloat

Model-6 **2 Hrs.**

» Events

- Introduction
- Mouse Events
- Keyboard Events
- Form Events
- Document/Window Events

Model-7 **2 Hrs.**

» Cookies

» Page redirection

» Built-in Objects

- Introduction
- Number
- Strings
- Math
- Arrays
- Associative Array
- Array Properties and Methods
- Date
- Boolean
- Regexp

Model-8 **2 Hrs.**

» Advanced javascript

- Form Validations
 - Basics of Form Validation
 - Validating Radio Buttons

- Validating Checkboxes
- Validating Select Menus
- Validating Textareas

Model-9 2 Hrs.

» **JS Document Object Model (DOM)**

- Introduction
- DOM HTML
- DOM CSS
- DOM Events

Model-10 2 Hrs.

» **JS Browser Object Model (BOM)**

- JS Cookies
- JS Window
- JS Location
- JS Popups
- JS Time

» **Introduction to OOP concept**

Jquery 8 Hrs.

Model-1 1 Hrs.

- » **What is JQuery?**
- » **Overview of JQuery features**
- » **Using JQuery links**
- » **JQuery Selectors**
- » **JQuery Events**

Model-2 1 Hrs.

» **JQuery Effects**

- Hide() & show()
- Fade()
- Slide()
- Animate()
- Callback function
- Chaining

» **JQuery HTML**

- Get() & Set()
- Add() & Remove()
- CSS()
- Dimensions()

Model-3 1 Hrs.

» **JQuery Traversing**

- Parent() & children()
- Next() & Prev()
- Find()

Jquery AJAX 5 Hrs.

- » **Image slider using JQuery plugins**
- » **Form Validation**

Bootstrap Framework 5 Hrs.

Model-1 2 Hrs.

- » **Getting started with Bootstrap**
- » **Grid system in Bootstrap**

- » Adding Header & Navigation
- » Adding Logo in Navigation Bar & Adding Banner
- » Adding Jumbotron

Model-2

3 Hrs.

- » Adding Rows, Columns & Containers
- » Adding Column Width using offset
- » Ordering Columns using push or pull
- » Nesting Columns in Bootstrap
- » Adding Footer top Website
- » Typography in Bootstrap
- » Adding glyphicons
- » Styling Tables
- » Adding Responsive or Utilities in Bootstrap
- » Styling Button using between classes
- » Styling Images and making images Responsive
- » Adding description list in bootstrap
- » Adding Panels

» Live Website Design Project (100% Realtime Project)

6 Hrs.

- » Designing a Professional Photoshop Template
- » Conversion of PSD to HTML
- » Slideshow Integration
- » Implementing Gallery Script
- » Adding the Contact Form
- » Form validations using JS

Partners :



Java



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E-mail: info@ducatindia.com
Visit us: www.ducatinidia.com
www.facebook.com/ducateducation

NOIDA

A-43 & A-52, Sector-16,
Noida - 201301, (U.P.) INDIA
Ph. : 0120-4646464
Mb. : 09871055180

GURGAON

1808/2, 2nd floor old DLF,
Near Honda Showroom,
Sec.-14, Gurgaon (Haryana)
Ph. : 0124-4219095-96-97-98
Mb. : 09873477222-333

GREATER NOIDA

F 205 Neelkanth Plaza Alpha 1
commercial Belt Opposite to Alpha
Metro Station Greater Noida
Ph. : 0120-4345190-91-92 to 97
Mb. : 09899909738, 09899913475

JAIPUR

38, Jai Jawan Colony 3rd,
Near Gaurav Tower, JLN
Marg, Jaipur (Rajsthan)
Ph. : 0141-2550077, 2550202
Mb : 08824246937

GHAZIABAD

1, Anand Industrial Estate,
Near ITS College, Mohan Nagar,
Ghaziabad (U.P)
Ph.: 0120-4835400...98-99
Mb. : 09810831363 / 9818106660
: 08802288258 - 59-60

FARIDABAD

SCO-32, 1st Floor, Sec.-16,
Faridabad (HARYANA)
Ph. : 0129-4150605-09
Mb. : 09811612707