

Dear Student,

Based upon your enquiry we are pleased to send you the course curriculum for Web Designing

Given below is the brief description for the course you are looking for:

Introduction to Web Technologies

Role of Web Designer

Intro of Web Languages

- ➔ HTML
- ➔ CSS
- ➔ Javascript

Safety to be taken during Designing

Basics of Web Technologies

Introduction to Web Technologies

Scope of Website and Role of Web Designer in Web Technologies

How the website works ?

Client and Server Software.

Static and Dynamic Websites

Web Standards and W3C.ORG

HTML / XHTML

Markup Languages

Structure of HTML

Basic HTML Tags

HTML Elements

HTML Attributes

HTML Headings

HTML Paragraphs

HTML Formatting

HTML Styles

HTML Links

HTML Images

HTML Tables

HTML Lists

HTML Forms
HTML Iframes
Difference between HTML & XHTML
XHTML Basics
Introduction to Doc Types

HTML Advanced

HTML Layout
HTML Doctypes
HTML CSS
HTML Head
HTML Meta
HTML Scripts
HTML Entities
HTML URLs
HTML Webserver
HTML Summary

Web Design with CSS

Introduction to Cascading Style Sheets
Types of Style Sheets
Types of CSS Selectors
CSS properties
CSS Styling
Styling Backgrounds
Styling Text
Styling Fonts
Styling Links
Styling Lists
Styling Tables

CSS Box Model

CSS Box Model
CSS Border
CSS Outline
CSS Margin
CSS Padding

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 Image Sprites
CSS Media Types
CSS Attribute Selectors
CSS Fixed Vs Liquid Layout
Custom CSS Layout Design
Creating simple and dropdown menus
Creating Appealing forms using CSS
CSS Tips and Optimization Techniques

Adobe Photoshop CC

Introduction of Stock Photography
Types of Images and Image Editing Tools
Introduction to Adobe Photoshop
Using Photoshop Tools
Layers, Actions and Filters
Creating Custom Effects
Design Banners for Website
Basic Website Layout
12 Grid Layouts (For Desktops and Tablets)
6 Grid Layouts (For Smartphones)
PSD to HTML Conversion

Adobe Brackets

Installation process of Brackets
Introduction to Adobe Brackets
Learning the Interface
Add plugins in Adobe Brackets.

SEO (Intro)

What is SEO & its scope.
Keyword Research and Analysis (Tools and Implementation)
Website Analysis
Website Performance Monitoring
Google Analytics/Webmaster
XML Sitemap
Use of Meta Tags

Web Hosting Training

Web Hosting Basics
Types of Hosting Packages
Linux and Windows Control Panel
Using FTP Client
Maintaining a Website
Domain Names Registration, Subdomain

UI Development

JavaScript

- What is Javascript?
- Client side Vs Server Side JavaScript
- Javascript Variables
- Javascript Comments
- Javascript Datatypes
- Primitive Datatype
- Reference Datatype

- JavaScript operators
- Javascript Strings
- JavaScript Numbers
- Javascript DOM
- DOM Selectors
- JavaScript CSS
- JavaScript Events
- Event Listeners
- Event Propagation
 - Event Bubbling
 - Event Capturing
- Javascript Functions
- Javascript Conditions
 - If else statement
 - Switch Statement
- Javascript Loops
 - While Loop
 - Do While Loop
 - For Loop
 - For in loop
- Javascript Try Catch
- Javascript Arrays
- JavaScript Objects
- JavaScript Timing Functions
- Javascript Window Objects
- Javascript Screen Objects
- Javascript History Objects
- Javascript Location Objects
- Javascript Navigator Objects
- Javascript Date Objects
- Javascript Math Object
- Javascript Regex Object
- Javascript Cookies
- Javascript Form Validations
- JavaScript Debugging

Advance JavaScript

- Function Callbacks
- Constructor Functions
- JSON
- JS Async Functions
- Node JS Basics

AJAX

- XMLHttpRequest
- Ajax get and post
- Ajax Send
- Ajax onreadystatechange
- Fetch JSON data through Ajax
- Fetch API data through Ajax

JQUERY

Jquery Syntax
Jquery Versions, CDNs
Jquery Selectors
Jquery Events
Jquery HTML
Jquery CSS
JQuery Animation
Conflict with jquery
Customized Jquery Apps
JQuery Menus
Jquery Image Slider
JQuery Accordions & Collapsible.
Scrolling Contents.
User Interface Designing using jQuery.
Parallax Design Websites.
Jquery UI Library
Jquery Lightbox
Jquery Scrolling Effects
Jquery Plugins

HTML5 and CSS3

Why do we need HTML5?
What happened to XHTML?
A tiny history of markup
The promise of a semantic web

The New and the Old

New structural tags
New content tags
New attributes
Deprecated elements
Semantic tagging

Document Structure

Structuring top-level elements
Structuring interior content
Building headers
Checking document outlines
Navigation elements

New Form Controls

New input types
Setting form autofocus
Using placeholder data
Marking required fields
Working with number inputs
Validate Form using Html5

The HTML5 API

Canvas overview
HTML-5 Geo Location
Adding canvas content
Canvas vs. SVG
Charts through Canvas

Video and Audio

Video overview
Audio and video containers
Audio and video codecs
Supported formats
Custom Controls using Javascript

HTML5 Web Storage

Local Storage
Session Storage

Introducing CSS3

What's new in CSS3
Why do we need it?
CSS3 and HTML5
CSS3 and JavaScript
Corners, Colours, Backgrounds
Rounded corners
Colour and opacity
Border Image
Gradients
Multiple backgrounds

Techniques and Effects

Text and box shadows
Scaling and transformations

Fonts and Text Handling

Multi-column layout
@font-face
Google Fonts service

Transformation & Animation

Scaling, skewing and rotating
Working with transition

HTML5, CSS3 Here and Now

Current browser support
Mobile support

HTML5 Old Browser Support

Responsive Layouts

Understanding Responsive Behaviour

12 Grid layout (1200px) For **Large Screen Desktop**.

12 Grid layout (960px) For **Medium Screen Desktop**.

12 Grid layout (768px) For **Tablets & iPads**.

6 Grid layout (100%) For **Smartphones**.

Create **responsive Layouts** using **CSS Media Query**.

Responsive Layouts Debug and Testing

Device Testing on Iphone and Android Phones.

Android Inspect Element Testing.

Bootstrap Framework

Twitter Bootstrap Introduction and use

Installation of Bootstrap

Bootstrap CSS & JS

Bootstrap Image Slider

Bootstrap Menus

Bootstrap Components (Model Form)

Bootstrap Project

SASS

- What is Sass
- Sass Vs Less
- Sass Installation
- How to use sass
- Integrate Sass with Project

AngularJS

- What is **Angular JS**
- Advantage of Angular JS
- Setup Angular JS Environment
- Angular 1 Vs 2 and 4
- Installation
- What is MVC Architecture
- Angular JS Directives
- Angular JS Controllers
- Angular Form Validation
- Angular JS Filters
- Angular JS Module
- \$scope
- \$http

UI Testing

- W3C Validations
- Cross Browser Testing
- Upto IE8 Testing
- UI Testing for Android and IOS Devices
- Android Remote Usb Debugging
- Page Speed and Performance Testing
- User Experience Testing

Create your own Website (Project)

Create Layout in Photoshop

Start Designing the Website

Manual testing Process to test your website

Uploading website on server

- Project on web designing
- Project on UI Development
- Project on Bootstrap Framework

During this training, you will also learn free domain booking and hosting the all project live

Web Designing & UI Development

Course Duration	4 Months
Fees	Call at 9015041412 to know
Slots	Weekdays & Weekends
Free Study Material	Yes, tutorial.techaltum.com
Placement Assistance	yes, http://www.techaltum.org/

Trainer Profile

Avinash Malhotra

- Scored AIR 120 in GATE 2011.
- M Tech Scholar at IIT Kharagpur.
- 7+ Experience in **Web Designing** and **User Interface Development**.
- Working as a **Corporate Trainer** and **Freelancer** from last 4 Years.
- **Microsoft Certified** HTML5 Designer and Developer.
- Till Now Trained **500+** Candidates and
- **Guest lecturer** in Amity University, Noida & AKGEC College, Ghaziabad

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