



WEB DESIGNING & WEB DEVELOPMENT



100% Practical Course with 18 Certifications

100% Job Assistance

**Become a Certified Web Designer & Developer
Digital Marketer with Graphic Skill Set**



Advanced Web Designing & Development Diploma



✓ MODULE 1: WEB PROGRAMMING

HTML5: HYPER TEXT MARKUP LANGUAGE-5

HTML and HTML5

History & Fundamental HTML

Marking up body text

Working With Images & Links

Creating lists & Tables

HTML5 Forms Audio and Video

Embed fonts in a web page

HTML5 Graphics

HTML5 Canvas/SVG

HTML5 Forms

1. HTML – OVERVIEW

Introduction to HTML

Getting started with HTML

What is in the head?

Metadata in HTML

Element attributes

Advantages of HTML

HTML Doctypes

2. BASIC TAGS IN HTML

HTML Heading

Paragraph Tag

3. ELEMENTS IN HTML

HTML Tag vs. Element

4. FORMATTING IN HTML

Formatting Text in HTML

Grouping in HTML

5. HTML LISTS

Unordered Lists

Ordered Lists

Start Attribute

Nesting Lists

List Item Styling

6. META TAGS

HTML <meta> tag

Uses of Meta Tags in HTML

7. COMMENTS

Valid vs Invalid Comments

Multiline Comments

Conditional Comments

Using Comment Tag

8. IMAGES

HTML Image

Attributes of HTML img tag

Use of alt attribute

9. TABLES

HTML Table Tags

HTML Table with Border

HTML Table with cell padding

HTML Table with colspan

HTML Table with rowspan

HTML table with caption

10. IMAGE LINKS

Mouse-Sensitive Images

Server-Side Image Maps

Coordinate System

11. EMAIL LINKS

HTML Email Tag

Default Settings

12. TEXT LINKS

Linking Documents

The target Attribute

Linking to a Page Section

Download Links

13. FRAMES

Creating Frames

The <frameset> Tag

Attributes

The <frame> Tag Attributes

Browser Support for Frames

Frame's name and target

attributes

14. BLOCKS

Block-level Elements

Inline Elements

The <div> Element

The Element

15. BACKGROUNDS

Html Background with Colors

Html Background with Images

Patterned & Transparent

Backgrounds

16. COLORS

Color Names, Background

Color, Border Color, Color

Values, HTML Color Coding

Methods, Hex Codes – RGB

17. FONTS

Set Font Size

Relative Font Size

Setting Font Face

Specify alternate font faces

Setting Font Color

18. FORMS

HTML Form, HTML Form

Syntax, HTML TextField

Control, Label Tag in Form

HTML Password Field Control

Radio Button Control

Submit button control

19. EMBED MULTIMEDIA

HTML <embed> Tag

HTML <bgsound> Tag

HTML <object> Tag

20. HTML HEADER

HTML Header Tag

HTML Style Sheet

External Style Sheet

Internal Style Sheet

Inline Style Sheet

21. HTML LAYOUTS

Description of various

Layout elements

22. TAG REFERENCE

HTML tags

23. ATTRIBUTE

REFERENCE

Global event handlers

Content versus IDL

attributes

Boolean Attributes

24. SPECIAL THINGS

Special Characters

Different graphic

formats

Interlacing/Progressive

Display

Putting your site

Online

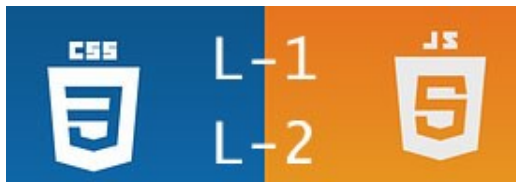
25. PROJECT



☑ **MODULE 2: CSS (L – 1, 2) Web Programming**

CSS - CASCADING STYLE SHEETS (L-1, 2)

- CSS different types of method
- HTML Style
- Class Style
- DIV Style
- Group Style
- Different link style



☑ **MODULE 3: JS (L – 1, 2) Web Programming**

JAVA SCRIPT (LEVEL 1,2)

- **JAVASCRIPT (LEVEL 1,2) COURSE DETAILS:**
- Fundamental Java Scripting
- Functions: Defining & Calling
- Using Variables local, global
- Programming (If, While, Loops)
- Strings & ARRAYS, Event handling,
- Objects, Methods & Properties.... etc.



WEB DESIGN



DEVELOPMENT

Continued ➡➡➡

Continued ➡➡➡



✓ **MODULE 4: PROFESSIONAL WEB GRAPHICS**

ADOBE PHOTOSHOP™

- You can create Patterns and Artistic
- Designs using Fills and Colours for Web Buttons
- You can Create Web Backgrounds
- You can Import and Export your Images.
- Retouch, Manipulate and Enhance Designs/ Logos
- Interface: Color Spaces, Document Window
- **THE TOOLBOX, MENUS, PALETTES, OPTIONS BAR**
- Shortcuts, Getting Assistance, Workplaces
- Image Editing, Resolution, Correction, Saturation
- Tool Box, Navigator, Info, Option, Swatches, Brushes
- Tool Bar: Rectangle Marquee Tool, Elliptical Marquee Tool:
The marquee tools make rectangular, elliptical, single row, and single column selections.
- Edit Lasso Tool: The lasso tools make freehand, polygonal (straight-edged), and magnetic (snap-to) selections.
- Polygon Tool: The Polygonal Lasso tool is useful for drawing straight-edged segments of a selection border.
- Crop Tool: The Crop tool trims images.
- **IMAGE AND TEXT EDITING.**
- 1) Image Size
- * Wireframe Wireframe — displays simple wireframe in addition to intermediate blend shapes.
- 2) Different Modes for filling colors
- Color Mode | Multiply Mode
- Screen Mode | Opacity of color
- Fill gradient | Merge Down
- Strokes/outlines | Rasterize the shapes
- Canvas Size | Type Tool
- Vertical Type Tool | Type Mask Tool
- Adjustments - Brightness/contrast
- Magic wand Tool: The Magic Wand tool selects similarly colored areas.
- Editing in Photoshop: Free Transform, Transform, Scale, Horizontal scale and vertical scale specify the proportion between the height and width of the type.
- Rotate: The Rotate commands let you rotate or flip an entire image
- Skew, distort: The Distort filters geometrically distort an image, creating 3D or other reshaping effects.



LIVE PROJECTS: Image Mixing, Re-touching, Layering, WEB Buttons, WEBSITE Backgrounds, Image touch

✓ **MODULE 5: WEB EDITOR**

ADOBE DREAMWEAVER™

Dreamweaver Course Details:

- Using the Site Window, Set your local site
- Image Hyperlinks, Properties
- Insert Flash Animation, Flash Video
- Displaying Data with Tables
- Design a page layout using tables
- Div Tag, AP Div
- Spray Menu, Spray Tab
- **Rollover Image, Navigation Bar with Rollovers & links**
- Spray Accordion, Spray Collapsible
- Linking (Text Hyperlinks)
- Hyperlinks
- Internal Linking
- External and Email Linking
- Anchor Linking

DISPLAYING DATA WITH TABLES

- Create a table for data
- Add or remove rows & columns
- Design a page layout using tables
- Layout view, Standard view
- Add color to the table
- Turn the table into layers

BUILDING FRAMES AND FRAMESETS

- Create a frameset
- Set borders
- Load frames

ANIMATING WITH TIMELINES

- Use the timelines panel
- Record a simple animation
- Add a layer and keyframe
- Control layer properties with timelines
- Animating with timelines



Dreamweaver

USING A FORM TO COLLECT DATA

- Create a form
- Add text fields and labels
- Add different buttons
- Add checkbox, list or a menu
- Create a Jump Menu to navigate to different URLs
- Re-using items in your Web Site
- Create a library item from Existing content
- Add a library item to a page
- Make changes to a library item
- Use Behaviors and Styles in library items

APPLYING A TEMPLATE

- Create a template
- Apply a template to a Web page
- Make changes to a template
- Use Behaviour's, Styles and Timelines in Templates Web Authoring, Forms, Tables,
- Layout / Standard view, Building frames, framesets



✓ **MODULE 6: HOSTING WEBSITE & UPLOADING URL**

WEB HOSTING FTP: File Transfer Protocol

- How to take a hosting plan
- Hosting Domains on Cpanel
- Using Cpanel to Create EMAIL's of your domain
- Pointing Name Servers to the domains
- Live Domain Registration
- Assigning Web Mails
- Creating Pop mails, Control Panel features
- How to buy Hosting plans : **Web Hosting**
- Website Hosting Basics
- Domain Name Registration
- Configuring DNS

Website upload and stabilization



✓ **MODULE 7: WORDPRESS BLOGS**

HOW TO CREATE BLOGS with WORDPRESS

- Creating WordPress Blog
- Installing WordPress Themes
- WordPress Plug-ins, Widgets
- Using the WordPress Dashboard
- Get configured: customize your theme to make your blog your own.
- Upload a custom header
- Add specialized content with widgets: Widgets allow you to add interesting and useful text, images, or navigation elements to the sidebars of your blog (the parts other than your posts). To add and configure widgets, go to My Sites → Customize → Widgets. (To learn what's possible and how to put widgets to work for you, check out this section of the guide.)
- Personalize your blog with custom fonts and colors
- Creating pages / page title & body text
- Draft vs. Publishing Blogs.



Basic & Advance SEO: Search Engine Optimization

✓ **MODULE 8: SEO** (SEARCH ENGINE OPTIMIZATION) **PART – 1**

SEO: Keyword Research & On-Page Optimization

- Types of Internet Marketing Methods
- How the search engine works?
- Understanding the SERP
- Using Search Operators
- Google Search Engine Architecture
- Google INDEXES, how is data stored?

INTRODUCTION TO KEYWORD RESEARCH

- Business Analysis
- Types of Keywords
- Keyword Research Methodology
- Keyword Proximity,
- Keyword Density
- Keyword Analysis
- IMAGE OPTIMIZATION
- Internal Link Building
- Robots file Optimization
- URL renaming/re-writing



✓ **MODULE 9: SEO** ON-Page Optimization **PART – 2**

- On-Page Optimization
- Meta Tags Optimization
- Canonical Tag
- Website Analysis
- Heading Tags In Contents
- Header Keyword Optimize
- WEBSITE Footer Keyword optimize
- Content Optimization.
- Write For Humans First and Search Engines Second
- Use Targeted Keywords in All the Right Places



☑ **MODULE 10: SEO OFF-PAGE OPTIMIZATION PART - 3**

- **Types of Linking Methods**
- Free Links / Paid Links
- Directory Submissions for SEO
- **WordPress SEO**
- Installing Plugin
- Activating Plugin
- Putting relevant tags
- Submission to Search E
- Directory Submission
- Deep Linking
- Article writing/directory
- Classified submissions
- Press Release
- Link building
- GOOGLE SITE MAPS
- Sitemap Creation, XML
- Creating Competitor Report for Analysis.
- Copy-scape
- Duplicate Content Issues
- Usage of all Tags

SEO

REPORTING IN SEO

- COMPETITOR ANALYSIS
- **SEO Website AUDITING**
- USING THIRD PARTY TOOLS

☑ **MODULE 11: WEBSITE MARKETING ON GOOGLE**

HOW GET YOUR WEBSITE on GOOGLE MAPS & SEARCH with LOCAL SEO

Local SEO and your Company's GMB Page Rankings

1. What's Local SEO?
2. Getting Your Company on Google's Local 3-Pack
3. How Can Local SEO Impact Your Organization?
4. Tips for ranking your GMB page high



WEB Page Rankings # 1

CLAIMING & SETTING UP GOOGLE MY BUSINESS OPTIMIZATION

1. Claim / Create a Google My Business Listing
2. Request Ownership of a Listing
3. Verify Your Google My Business Listing
4. Upload Photos & Videos to Your GMB Listing
5. Managing REVIEWS for growing your business.
6. Setting up entire Company information & username with advanced details.



HOW TO CREATE MARKETING TOOLS TO ATTRACT MORE CUSTOMERS?

1. Learn to Create Offers on Google Search
2. Create Events on Google Maps & Search
3. Add latest Updates to your Listing.

Analysing and Measuring Google My Business Traffic Data

1. Why You Should Track Google My Business
2. How Do I Track Google My Business Traffic To My Site?
3. Analytics insight from Traffic Source & Keywords
4. Analyse Customer Actions on your search & map listing



GOOGLE CERTIFICATE

How to Setup of Essential of Updates Google My Business

1. Appointment URL's Function
2. Direct Messaging with your Customers
3. Setting up the Messaging and syncing with your mobile

How to Setup / SETTINGS OF Your LISTING LOCAL SEO

Categories, Services, Messaging, Appointments and Products on Google Search & Maps Updating Pricelist

- ✓ Setting up Google Business Essentials
- ✓ How to create your Admins, Users and give permissions to Managers, Site owners.
- ✓ Adding & Managing Multiple Locations
- ✓ Learn to manage SETTINGS of your GMB

✓ MODULE 12: MOBILE APP CREATION & MOBILE WEBSITE

NO CODE APP DEVELOPMENT™

No-Code APP DEVELOPMENT Program for Students

The Goal is to democratize the design and development process of applications and help everyone create their own unique applications irrespective of their technical skills, knowledge or budget. However, getting the next generation of app developers accustomed with no-code app building is crucial if they want to utilize this software. That is the goal of our student app developer program.

The MOBILE App Development gives Students hands on approach to Learning App Development

- Useful for both Personal & Business Purposes.
- Cloud Based Online App Builder Platform
- Test App on your mobile and web devices
- Easy Set-Up and Implementation

No Coding Skills
Required
Just Drag & Drop.





App Developer Program is specifically designed to help Students deliver mobile app development learning in the most innovative ways, which inspires creativity and foster entrepreneurship among students who want to achieve new heights in this fast-growing app industry.

You will easily learn and execute the basics of mobile apps, without any coding knowledge.

The Select > Design > Build process guides students to create apps in a logical order, helping them cultivate critical and creative thinking



This is a Mobile App Development Curriculum for Students with No Coding Skills

It allows students with no programming skills, to create mobile apps in a matter of minutes. There is no need to install or download anything, students can simply drag & drop the app pages to create the mobile apps online.

MODULE 13: WEBSITE ANALYTICS WITH GOOGLE

WEB ANALYTICS OVERVIEW

Introduction to Google Analytics

- Home Tab / Realtime Data
- Dashboard / Widgets
- Customize dashboard
- Intelligent Events / Shortcuts
- Interface Feature
- Date selection and comparison
- Exporting reports
- Audience / Overview
- Demographics / Behavior
- Technology / Custom Visitors Flow



- ✓ Analyzing Google Analytics Reports
- ✓ Understanding Dashboard, Bounce Rate
- ✓ Traffic Source, Traffic Behavior
- ✓ WEBSITE PERFORMANCE
- ✓ TOOLS – BROKEN LINKS
- ✓ SERP TOOLS

✓ **MODULE 14: WEB UTILITIES**

- **GIF ANIMATOR**
- Animation Wizard to create GIF
- Adjusting Colour, Special Effects
- Attributes- Menu, Commands, Creating Ads.
- **3D XARA**
- Positioning, Rotating, Sizing,
- 3D Extrude, Bevel, Altering Lights
- Creating Animated GIF / AVI
- **MORPHING**
- Makes Digital Movies, 2D Movies
- Transforms an Image to another image
- 3D XARA
- Morphing
- Social Media Marketing - Integrating Links
- Embedding YouTube Videos

✓ **MODULE 15: INFOGRAPHICS FOR WEBSITES AND MARKETING**

Infographics MARKETING are a visually compelling communication medium that done well can communicate complex data! Why Infographics for your Website Marketing Strategy? Cause most of the Infographics tend to get viral and help in search engine ranking. An Infographic that is linked and compelling by its nature gets traffic to your website & blog as people “share” & “click”.

✓ **MODULE 16: HOW TO START YOUR BUSINESS**

How to Start a Web Designing Agency
Where do I get my clients from, places and areas to look for?
Approach and Strategies to Convert your prospective clients
How to Pitch to your clients, prove Digital Marketing is superior
Target Oriented Marketing - Impress with Analytic
Business Extensions with Upsell & Selling multiple products



✓ **MODULE 17: PERSONAL BRANDING – With LinkedIn – Job Search**

1. Define Personal Branding.
2. Understand the Main Concepts About Personal Branding.
3. Identify One's Personal Work Values, Abilities, Skills and Values.
4. Creating an Online Presence Strategy for Self
5. Understand Branding and Implementing Self-Branding.
6. How to get people on LINKEDIN TO SEARCH FOR YOU
7. Get Company Offers to HIRE YOU and How to Use **LINKEDIN** to APPLY FOR JOBS.



Advance
Web
Designing &
Development



Soft Skills:

☑ **MODULE 18: INTERVIEW PREPARATION**

1. How do you Introduce yourself in an Interview?
2. What should I say in & prepare in an interview?
3. How to Answer Technical Jargon Questions?
4. Learn to Answer the 3 types of Web & Digital Media Questions?
5. How to Answer Futuristic Questions?
6. PREPARING FOR QUESTIONS ASKED IN THE INTERVIEW

☑ **MODULE 19: BUILDING RESUME**

1. Best Resume Writing Strategies & Tips
2. Creating Your Resume with Attractive Graphics
3. How to Lead with Your Best Information
4. Learn to Create a Format that Is Easy to Read
5. Dos and Don'ts of Resume - What to Add?
6. Creating a Professional & Uniform Look of Your Resume



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Opp. Movie Time Cinema, Vimal Udyog 1st Floor,
9833900330 | 9930375161

ANDHERI WEST Near Station
Pearl Plaza, Office 704, 7th Floor
9324347326 | 9820936176



✓ **MODULE 20: WORDPRESS CMS Programming Part 1 Syllabus**

What Is WordPress?

- ~ Basics & Fundamentals of WordPress.
- ~ Domain names and website hosting
- ~ Choosing a domain name
- ~ Setting up a domain name URL
- ~ Setting up website hosting & email

Installing WordPress

- ~ Installing WordPress using the C-Panel
- ~ Manual Installation of WordPress using FTP

WordPress First look

- ~ WordPress Dashboard
- ~ Websites vs. Blogs
- ~ Post vs. pages
- ~ WordPress themes
- ~ WordPress plug-ins
- ~ WordPress widgets

Creating Pages

- ~ Creating a new page
- ~ Using the WordPress toolbar
- ~ Working in Full Screen
- ~ Formatting text
- ~ Using Headers
- ~ Previewing your page
- ~ Draft vs. publishing
- ~ Editing exiting pages
- ~ Deleting pages

Images & WordPress

- ~ Uploading images
- ~ The Image Library
- ~ Deleting images from the Image Library
- ~ Inserting images into a page or post
- ~ Customising images
- ~ Resizing images, Alternative Text
- ~ Deleting images, Featured images

Managing Links

- ~ Adding internal text links
- ~ Adding external text links
- ~ Linking from images
- ~ Linking to file downloads

YouTube Videos & WordPress

- ~ Simple automatic video embedding
- ~ Embedding a YouTube video into a page or post
- ~ Creating a New Blog Posts
- ~ The difference between posts and pages
- ~ Creating a blog within your WordPress website
- ~ Text & image formatting in a post
- ~ Categories & Tags
- ~ Creating and using tags
- ~ Managing comments in WordPress
- ~ Changing comment settings
- ~ Spam protection
- ~ Managing comments

WordPress Widgets

- ~ What are widgets?
- ~ The Widget area
- ~ Using installed widgets
- ~ Installing and customising new widgets

WordPress Themes

- ~ Free & premium themes?
- ~ How to find a WordPress theme
- ~ Installing and activating a Free WordPress theme
- ~ Working with a PAID Themes
- ~ Exploring theme options



WORDPRESS



✓ **MODULE 21: ADVANCED WORDPRESS PART-2**

WORDPRESS Continued

PLUGINS

- ~ Installing plug-ins
- ~ Plug-ins for WordPress websites
- ~ Must have SEO plugins
- ~ Slider Plugins
- ~ Sliders for pages, posts and pictures
- ~ Installing a slider plugin
- ~ Customising sliders
- ~ Contact Form Plugins
- ~ Using Form plugins
- ~ Social Media integration plugin
- ~ WordPress Backup Plugin
- ~ Backing up your WordPress data



WORDPRESS MENUS

- ~ Setting up and customizing a menu system
- ~ Installing a Paid Menu Plugin
- ~ Creating user-friendly permalinks

SPEEDING UP YOUR WORDPRESS

- ~ Speed Test Tools
- ~ Page speed Insights
- ~ Image Optimization
- ~ Optimizing Homepage
- ~ Browser Caching
- ~ W3 Total Cache



Fees Structure



Diploma in WEB DESIGNING, WEB DEVELOPMENT, Graphic Designing & DIGITAL MARKETING

Sessions &
Duration in
Hours

Fees
Rs.

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"Gift Voucher"
Limited Offer🕒

Certificate Course in Web Designing

(HTML5 + JS + CSS L1, L2 , Adobe Dreamweaver + Adobe Photoshop + CMS: WordPress, ADVANCE WordPress, FTP Server cPanel)

65 Hrs.

~~Rs.35,990~~

Rs. 28,990

Get Further
3000 Gift
Voucher

🕒 **Limited Time**

Advance Diploma in Web Designing + Advance WordPress SEO (1-21 Modules)

(HTML5, JAVA SCRIPT & CSS + Adobe Dreamweaver + Adobe Photoshop + Web 2D Animation Utilities, SEO (Digital Marketing) + Website Google Business Marketing + Linking + WordPress Blogs + ADVANCE WORDPRESS PROGRAMMING + MOBILE APP Development + LinkedIn + GOOGLE Analytics + FTP HOSTING cPanel)

7-8 Months
175 Hrs.

~~Rs.79,990~~

Rs. 39,990

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(HTML5 JS & CSS + Adobe Dreamweaver + Adobe Photoshop + CorelDraw + Adobe Illustrator + Adobe InDesign + Web 2D Animation, Mobile APP Designing, SEO (Digital Marketing), Website Google Business Linking + WordPress Blogs + ADVANCE WORDPRESS PROGRAMMING + FTP HOSTING cPanel)

9 Months
225 Hrs.

~~Rs.81,990~~

Rs. 49,990

Get Further
5000 Gift
Voucher

🕒 **Limited Time**

Fast Track
Available

Easy EMI

8000 p.m.

Adv. WordPress Programming

(Must have knowledge of HTML or Dreamweaver)

1.5 Months
20 Hrs.

~~Rs.25,990~~

Rs. 18,990

🕒 **Limited Time**
5000 Gift
Voucher



WEB DEVELOPMENT:

ADVANCED JAVA SCRIPT SYLLABUS

1. INTRODUCTION TO JAVASCRIPT

- What Is Javascript?
- Features Of Javascript
- History Of Javascript
- Applications Of Javascript Programming
- Client-Side Javascript
- Advantages Of Javascript
- Limitations Of Javascript
- Javascript Development Tools
- Advantages Of External Javascript
- Disadvantages Of External Javascript

2. JAVASCRIPT BASICS

- Javascript Comment
- Advantages Of Javascript Comments
- Types Of Javascript Comments
- Javascript Variables
- Javascript Data Types
- Javascript Operators
- If...Else Statement
- Switch Case
- Loops
- Javascript Functions

3. Javascript Objects

- Javascript Objects
- Creating Objects In Javascript
- Javascript Object Methods

4. ARRAYS OBJECT

- Array Properties
- Array Methods

5. STRINGS

- String Properties
- String Methods

6. Javascript Math

- Javascript Math Methods
- Javascript Boolean
- Regular Expressions And Regexp Object
- Regexp Exec Method

7. Browser Object Model

- Window Object
- Navigator Object
- Screen Object

8. Document Object Model

- Properties Of Document Object
- Methods Of Document Object
- Inner HTML
- Inner text

9. Validation

- Javascript Form Validation

10. Javascript Oops

- Javascript Classes
- Javascript Objects

11. Javascript – Animation

- Manual Animation
- Automated Animation

12. Multimedia

- Controlling Multimedia

13. Debugging

- Error Messages
- Error Notifications

14. Image Map

- Umap

15. Browsers Compatibility

- Navigator Properties

ADVANCED CSS – CASCADING STYLE SHEETS SYLLABUS

- CSS SYNTAX
- CSS SELECTORS
- CSS HOW TO
- CSS COMMENTS
- CSS COLORS
- CSS BACKGROUNDS
- CSS BORDERS
- CSS MARGINS
- CSS PADDING
- CSS HEIGHT/WIDTH
- CSS BOX MODEL
- CSS OUTLINE
- CSS TEXT, CSS FONTS
- CSS ICONS
- CSS LINKS
- CSS LISTS
- CSS TABLES
- CSS DISPLAY
- CSS MAX-WIDTH
- CSS POSITION
- CSS Z-INDEX
- CSS OVERFLOW
- CSS FLOAT
- CSS INLINE-BLOCK
- CSS ALIGN
- CSS COMBINATORS
- CSS PSEUDO-CLASS
- CSS PSEUDO-ELEMENT
- CSS OPACITY
- CSS NAVIGATION BAR
- CSS DROPDOWNS
- CSS IMAGE GALLERY
- CSS IMAGE SPRITES
- CSS ATTR SELECTORS
- CSS FORMS
- CSS COUNTERS
- CSS WEBSITE LAYOUT

Cascading Style Sheets (CSS) is a stylesheet language used to describe the presentation of a document written in HTML or XML (including XML dialects such as SVG, MathML or XHTML).

CSS makes the front-end of a website shine and it creates a great user experience.

Without CSS, websites would be less pleasing to the eye and likely much harder to navigate. In addition to layout and format, CSS is responsible for font color and more.

Types of CSS

- Inline CSS.
- Internal/ Embedded CSS.
- External CSS

CSS key concepts:

- The syntax and forms of the language
- Specificity, inheritance, and the Cascade
- CSS units and values and functional notations
- Box model and margin collapse
- The containing block
- Stacking and block-formatting contexts
- Initial, computed, used, and actual values
- CSS shorthand properties
- CSS Flexible Box Layout
- CSS Grid Layout
- CSS selectors
- Media queries
- Animation



• PHP – HYPERTEXT PREPROCESSOR SYLLABUS

PHP (Hypertext Preprocessor) is known as a general-purpose scripting language that can be used to develop dynamic and interactive websites.

1. Introduction

- Common uses of PHP
- Characteristics of PHP
- Using PDO
- Connecting to the Database
- Connection Strings
- Error Handling
- PHP Setup
- PHP CLI

2. PHP Data Object

- Introduction to PHP PDO
- Advantage of PDO
- PDO Classes
- Installation Process

3. PHP Data Types

- Scalar Types
- Compound Types
- Special Types

4. Cookies

- The Anatomy of a Cookie
- Setting Cookies with PHP
- Accessing Cookies with PHP

5. Sessions

- Starting a PHP Session
- Destroying a PHP Session
- Sessions without cookies

6. Operator Types

- Arithmetic Operators
- Comparison Operators
- Logical Operators
- Assignment Operators
- Conditional Operator
- Precedence of PHP Operators



7. LOOP TYPES

- The for loop statement
- The while loop statement
- The do...while loop statement
- The foreach loop statement
- The break statement
- The continue statement

8. Files & I/O

- Opening and Closing Files
- Reading a file
- Writing a file

9. Exception Handling in PHP

- Using die() function
- Error Handling Function
- Exceptions Handling
- Types of Errors

10. Control Statement

- If Else
- If-else-if Statement
- nested if Statement

11. PHP Functions

- PHP User-defined Functions
- PHP Function Arguments
- PHP Call By Reference
- PHP Parameterized Function
- PHP Call By Value

12. PHP Arrays

- Advantage of PHP Array
- Indexed Array
- Associative Array
- Multidimensional Array

13. PHP String

- Single Quoted
- Double Quoted
- PHP String Functions

14. PHP File Upload

- PHP _FILES
- PHP Download File

15. PHP Mail

- PHP mail() function

16. PHP MySQL Connect

- PHP mysql_connect()

17. PHP – Web Concepts

- Identifying Browser & Platform
- Display Images Randomly
- Browser Redirection

18. PHP & AJAX , XML

- What is AJAX ?
- XML

19. Object Oriented Programming in PHP

- Object Oriented Concepts
- Defining PHP Classes
- Constructor Functions
- Function Overriding
- Abstract Classes

20. PHP – Form

- What is the Form?
- What is Validation ?

21. PHP – Frame Works

- Some of frame works
- Framework – Solving Mathematical problem

22. Design Patterns

- Singleton
- Factory
- Strategy pattern





jQuery SYLLABUS

1. Introduction to a jQuery

- Introduction
- What is jQuery?
- jQuery Features
- Why jQuery is required
- jQuery History
- jQuery Development Tools

2. Basics of jQuery

- String
- Numbers
- Boolean
- Objects
- Arrays
- Functions
- Arguments
- Built-in Functions

3. Attributes jQuery

- Get Attribute Value
- Set Attribute Value
- Applying Styles
- Attribute Methods
- Set Attribute Properties

4. jQuery Effects

- jQuery hide()
- jQuery show()
- jQuery toggle()
- jQuery fadeIn()
- jQuery fadeOut()
- jQuery fadeToggle()
- jQuery slideDown()
- jQuery slideUp()
- jQuery animate()
- jQuery delay()

5. Interactions jQuery

- Interaction Drag-able
- Interaction Drop-able
- Interaction Resize-able
- Interaction Select-able
- Interaction Sort-able

6. Widgets

- Widget Tab
- Widget Spinner
- Widget Slider
- Widget Select Menu
- Widget ProgressBar
- Widget Menu
- Widget Dialog
- Widget DatePicker
- Widget Button
- Widget AutoComplete
- Widget accordion
- Theming

7. jQuery HTML/CSS

- jQuery html()
- Parameters of jQuery html() method
- jQuery text()
- jQuery val()
- jQuery css()
- jQuery prepend()
- jQuery insertAfter()
- jQuery append()
- jQuery width()
- jQuery height()

8. Plugins jQuery

- How to use Plugins?
- Page Pilling
- Multiscroll.js
- Rowgrid.js
- Progressbar.js
- Tagsort.js
- Filer.js
- Blockrain.js
- Megadropdown.js
- Weather.js

9. jQuery Ajax

- jQuery AJAX Introduction
- Advantages of jQuery Ajax
- 10. jQuery Reference
- jQuery: Selector Reference
- jQuery: DOM Manipulation Methods
- jQuery: DOM Traversing Methods
- jQuery: Effect Methods
- jQuery: Events Methods



WORDPRESS CMS Programming SYLLABUS

What Is WordPress?

- ~ Basics & Fundamentals of WordPress.
- ~ Domain names and website hosting
- ~ Choosing a domain name
- ~ Setting up a domain name URL
- ~ Setting up website hosting & email

Installing WordPress

- ~ Installing WordPress using the C-Panel
- ~ Manual Installation of WordPress using FTP

WordPress First look

- ~ WordPress Dashboard
- ~ Websites vs. Blogs
- ~ Post vs. pages
- ~ WordPress themes
- ~ WordPress plug-ins
- ~ WordPress widgets

Creating Pages

- ~ Creating a new page
- ~ Using the WordPress toolbar
- ~ Working in Full Screen
- ~ Formatting text
- ~ Using Headers
- ~ Previewing your page
- ~ Draft vs. publishing
- ~ Editing exiting pages
- ~ Deleting pages

Images & WordPress

- ~ Uploading images
- ~ The Image Library
- ~ Deleting images from the Image Library
- ~ Inserting images into a page or post
- ~ Customising images
- ~ Resizing images, Alternative Text
- ~ Deleting images, Featured images

Managing Links

- ~ Adding internal text links
- ~ Adding external text links
- ~ Linking from images
- ~ Linking to file downloads

YouTube Videos & WordPress

- ~ Simple automatic video embedding
- ~ Embedding a YouTube video into a page or post
- Creating a New Blog Posts
- ~ The difference between posts and pages
- ~ Creating a blog within your WordPress website
- ~ Text & image formatting in a post
- ~ Categories & Tags
- ~ Creating and using tags
- ~ Managing comments in WordPress
- ~ Changing comment settings
- ~ Spam protection
- ~ Managing comments

WordPress Widgets

- ~ What are widgets?
- ~ The Widget area
- ~ Using installed widgets
- ~ Installing and customising new widgets

WordPress Themes

- ~ Free & premium themes?
- ~ How to find a WordPress theme
- ~ Installing and activating a Free WordPress theme
- ~ Working with a PAID Themes
- ~ Exploring theme options





WORDPRESS Continued

PLUGINS

- ~ Installing plug-ins
- ~ Some recommended plug-ins for WordPress websites
- ~ Must have SEO plugins
- ~ Slider Plugins
- ~ Sliders for pages, posts and pictures
- ~ Installing a slider plugin
- ~ Customising sliders
- ~ Contact Form Plugins
- ~ Using Form plugins
- ~ Social Media integration plugin
- ~ WordPress Backup Plugin
- ~ Backing up your WordPress data

WORDPRESS MENUS

- ~ Setting up and customizing a menu system
- ~ Installing a Paid Menu Plugin
- ~ Creating user-friendly permalinks

SPEEDING UP YOUR WORDPRESS

- ~ Speed Test Tools
- ~ Page speed Insights
- ~ Image Optimization
- ~ Optimizing Homepage
- ~ Browser Caching
- ~ W3 Total Cache



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