



Awesome Skills Academy

Eligibility Level X

Subject: Diploma in Website Design and Development

Syllabus:

Month 1 : Computer & Web Basics

Introduction to Computer & Internet

How Websites Work

Domain, Hosting & Server Basics

Types of Websites (Static / Dynamic)

Month 2 : HTML (HyperText Markup Language)

HTML Structure & Tags

Headings, Paragraphs, Links

Images, Tables, Lists

Forms & Input Fields

Practical: Basic Web Page Creation

Month 3 : Advanced HTML

Semantic HTML

Audio, Video, iframe

HTML Forms Validation (Basic)

Practical: Multi-page Website Structure

Month 4 : CSS (Cascading Style Sheets)

CSS Syntax & Selectors

Colors, Fonts & Text Styling

Box Model

Background & Borders

Practical: Website Layout Design

Month 5 : Advanced CSS

Flexbox

Responsive Design Basics

Media Queries

Website UI Styling

Practical: Responsive Web Pages

Month 6 : Bootstrap Framework

Introduction to Bootstrap

Grid System

Navbar, Buttons, Cards

Forms & Components

Practical: Responsive Website using Bootstrap

Month 7 : JavaScript (Basics)

Introduction to JavaScript

Variables, Data Types

Operators & Conditions

Functions

Events & Alerts

Practical: Interactive Web Pages

Month 8 : Advanced JavaScript

DOM Manipulation

Form Validation

Basic Animations

JavaScript with HTML & CSS

Practical: Dynamic Page Interaction

Month 9 : PHP (Server-Side Scripting)

Introduction to PHP

PHP Syntax & Variables

Conditional Statements

Loops & Functions

PHP Forms Handling

Month 10 : Advanced PHP

PHP with HTML

Session & Cookies

File Handling

Basic Security Concepts

Practical: Dynamic Website using PHP

Month 11 : Database & SQL

Introduction to Database

MySQL Basics

Database Creation

Tables, Records

SQL Queries (SELECT, INSERT, UPDATE, DELETE)

PHP-MySQL Connection

Month 12 : Project & Practical Training

Website Planning

Front-end + Back-end Integration

Database Connectivity

Live Project Work

Final Project Submission

Viva / Practical Assessment



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