

VANDANA COMPUTER EDUCATION

REG. OFF. ADD.: - 09/A, STREET NO.08, SECTOR-01, BHILAI, DIST-DURG, C.G. 490001

Registered Under Ministry of Micro, Small & Medium Enterprises Govt. of India
UDYAM REG NO. UDYAM-CG-05-0051765

COURSE NAME	Web Page Design & Web Development (DIWD)
COURSE DURATION	06 MONTHS
COURSE QUALIFICATION	MINIMUM - 10TH & 12TH

COURSE CONTENTS

1. Intro to Web Development & Technology

1. Introduction to the Course
2. How Internet Works
3. What is Web Development
4. Fundamentals of Web Technology

2. HTML - Hyper Text Markup Language

1. Fundamentals of Web Applications
2. Intro to HTML
3. Head Tag in HTML
4. Text Formatters
5. Images in HTML
6. Lists in HTML
7. Tables in HTML
8. Web Resume
9. Links in HTML
10. Forms in HTML - 01
11. Forms 2.2
12. Semantic Tags in HTML
13. Hosting the Application

3. CSS - Cascading Style Sheet

1. Intro to CSS
2. CSS Selectors

3. Colors in CSS
4. Units in CSS
5. Box Model in CSS
6. Texts and Fonts in CSS
7. Display in CSS
8. Positions in CSS
9. Overflow, Float and Clear in CSS
10. FlexBox in CSS
11. Grid in CSS
12. Grid Portfolio in CSS
13. Media Queries in CSS
14. CSS Variables
15. Transform in CSS
16. Transition in CSS
17. Keyframe Animations

4. JS - Java Script

1. Basics of Java Script
2. Application of Java Script
3. Basics Programs of Java Script
4. IF-Else Condition in Java Script
5. Function in Java Script
6. Small Projects
7. Project - 1 & 2
8. Validation in Java Script

5. Bootstrap

1. Introduction to Bootstrap
2. What is Responsive Website
3. Why Use Bootstrap
4. Basic Bootstrap Pages
5. Bootstrap Grid System
6. Create First Web Pages With Bootstrap
7. Bootstrap Programs

8. Contextual Colors & Background Colors
9. Typography in Bootstrap
10. Table in Bootstrap
11. Create Table Gallery
12. Alerts in Bootstrap
13. Dropdown Menu
14. Glyphicons Examples
15. Pagination in Bootstrap
16. Breadcrumbs in Bootstrap
17. Simple Collapsible
18. Login Panel
19. Scroll Projects
20. Filterable Tables

6. PHP - Hyper Text Preprocessor

1. What is PHP
2. Why Use PHP
3. Basic Programs of PHP
4. Form Submission Process in PHP
5. Page Redirection
6. Create Very Small Project
7. What is Session Programs
8. Date & Time Function in PHP
9. File Handling in PHP
10. Downloading & Uploading
11. File Read & Write
12. Database Connectivity
13. SQL - DDL, DML, TCL
14. SQL Syntax
15. SQL Programs
16. Ajax - UI Programs
17. Website Module
18. Major Projects