

CODELYNX EDUCATION

WEB DEVELOPMENT SYLLABUS (2026)

1. Web Development Fundamentals & Html

- Introduction to Web Development
- How Websites Work
- Client vs Server
- Introduction to HTML
- Structure of HTML Page
- Text Formatting Tags
- Lists (Ordered / Unordered)
- Tables
- Images & Links
- Forms

2. CSS (Website Design)

- CSS Syntax
- Selectors
- Colors & Fonts
- Background & Borders
- Box Model
- Margin & Padding
- Flex box
- Responsive Design Basics
- Media Queries

3. Java Script Basics

- Introduction to JavaScript
- Variables & Data Types
- Operators
- Conditional Statements
- Loops
- Functions
- Arrays & Objects
- DOM Manipulation
- Events

4. Advanced JavaScript, Bootstrap & Advanced Frontend

- ES6 Basics
- Arrow Functions
- Fetch API
- JSON Basics
- Introduction to Bootstrap
- Bootstrap Grid System
- Navbar & Navigation
- Cards & Buttons
- Responsive Layout
- Website UI Design

5. PHP Programming (Backend)

- Introduction to PHP
- PHP Syntax
- Variables & Data Types
- Operators
- Conditional Statements
- Loops
- Functions
- PHP Forms Handling
- Sessions & Cookies

6. MySQL Database & PHP Integration

- Introduction to Database
- MySQL Basics
- Create Database
- Create Table
- Insert / Update / Delete Data
- SELECT Query
- PHP & MySQL Connection
- CRUD Operations

Final Project-

1- Student Management System

2- Login System with Database

Note- 3 months of Industrial Training Provide our Current IT Working Professional.

