



ASP <CODING> COMPUTER BROCHURE

ASP COMPUTER CODING INSTITUTE EMPOWERS STUDENTS WITH CUTTING-EDGE SKILLS, FOSTERING INNOVATION AND EXCELLENCE IN PROGRAMMING EDUCATION.

“ Code unlocks innovation, empowers problem-solving, and shapes the future. Essential skills for every student. ”

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1 WEB DEVELOPMENT BASICS

Web design blends aesthetics and functionality for seamless online experiences.

2 FRONTEND DEVELOPMENT

Crafting seamless user experiences, a frontend developer codes visual interactivity.

3 BACKEND DEVELOPMENT

Backend developers create and maintain server-side functionalities for applications.

4. DIPLOMA FULL STACK DEVELOPMENT WITH AI

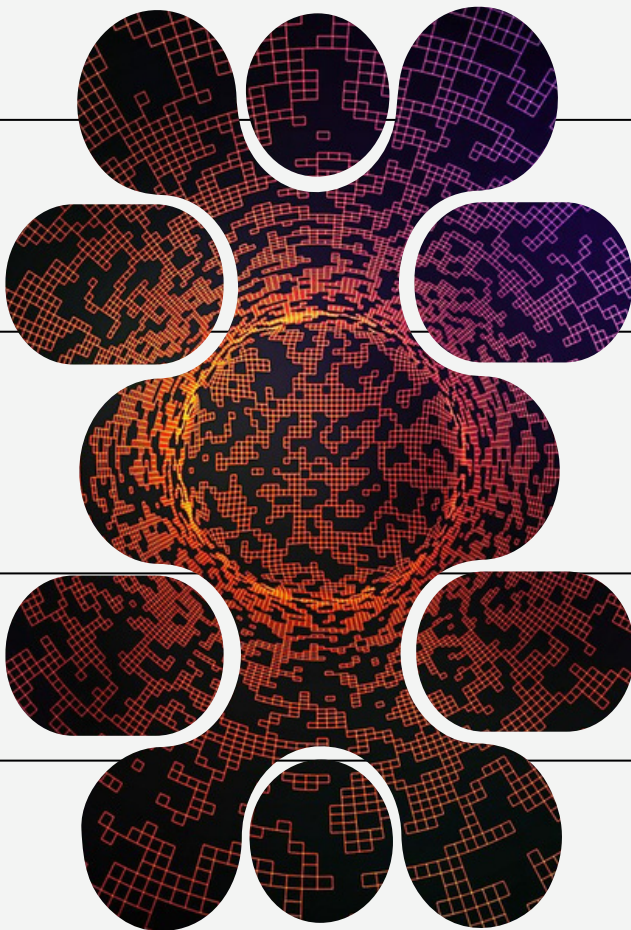
Full-stack developer proficient in front-end and back-end technologies.

5 DIGITAL MARKETING WITH AI

Digital marketing enhances brand visibility, driving online engagement and conversions.

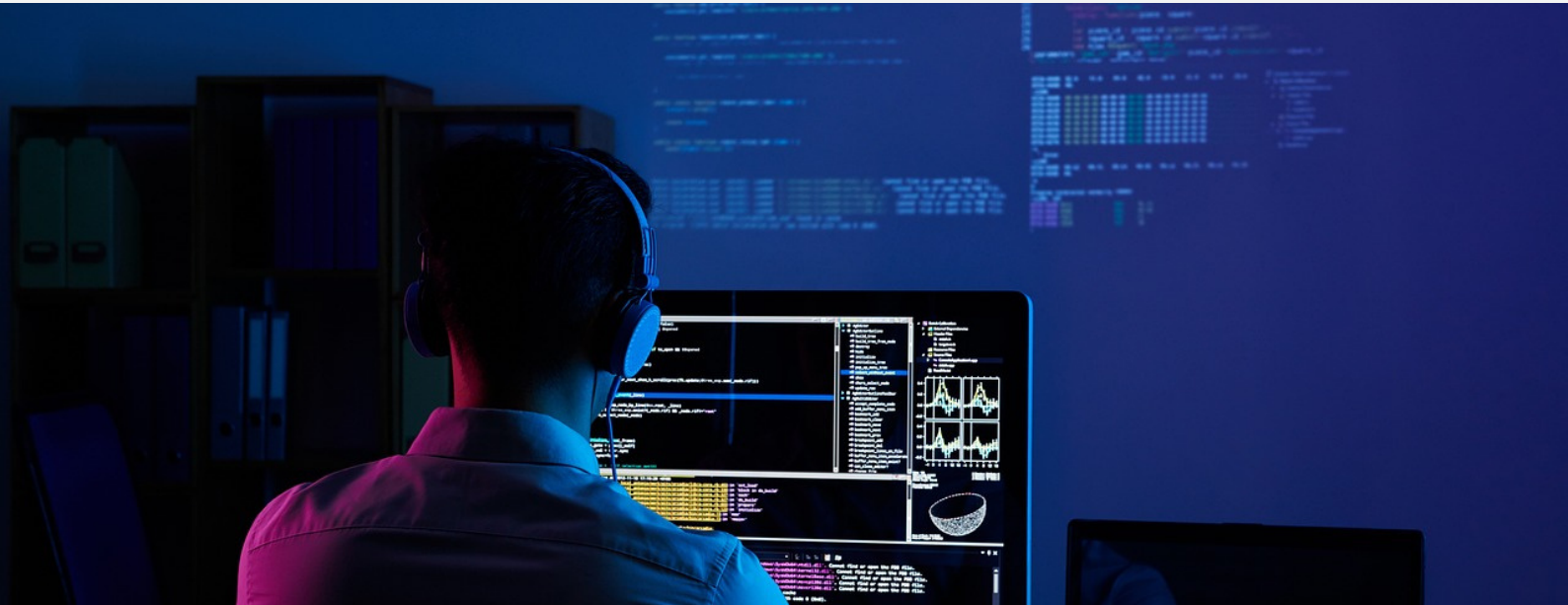
6 PYTHON WITH MYSQL

Python seamlessly interacts with MySQL for powerful database operations.



DIPLOMA IN FULL-STACK WEB DEVELOPMENT WITH AI

A full-stack web developer creates dynamic, user-friendly websites, handling both front-end and back-end development to ensure seamless functionality.



SYLLABUS & FEE STRUCTURE

Syllabus	Duration	Fee (50% Off)	
		Down	Installment
Module 1: Web Fundamentals (HTML5 + CSS3 + Responsive Design) - HTML Basics: Structure, tags, forms, media - Semantic HTML for accessibility & SEO - Creating forms and tables - Embedding media: audio, video, iframe - Mini Project: Portfolio page Module 2: CSS3 – Intermediate to Advanced - CSS Basics: Selectors, box model, layout, units - Advanced Selectors & Combinators - Flexbox and CSS Grid deep dive - Responsive Design with Media Queries - CSS Variables and Custom Properties - CSS Animations & Transitions	18 Month	48999/-	49999/- 10900(2300*17)

SYLLABUS & FEE STRUCTURE

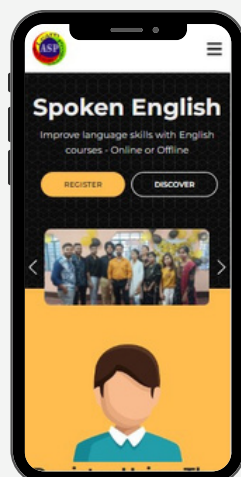
Syllabus	Duration	Fee (50% Off)	
		Down	Installment
- Pseudo-classes and Pseudo-elements - Introduction to SCSS / SASS (nesting, variables, mixins) - Using Tailwind CSS (optional) - Mini Projects: Pricing card, responsive navbar, animated banner Module 3: JavaScript (Beginner to Advanced) - Variables, Data Types, Operators (var, let, const) - Functions, Scope, Hoisting - Arrays, Objects, Destructuring - Control Structures (if-else, loops, switch) - String & Array Methods - DOM Manipulation (querySelector, events, classList) - Form Validation (live feedback, preventDefault) - Error Handling with try/catch - Closures & Higher-order Functions - Asynchronous JavaScript: Callbacks → Promises → Async/Await - localStorage/sessionStorage & JSON - JavaScript Modules (import/export) - Project: Interactive quiz, Expense tracker, Calculator Module 4: Version Control & Deployment - Git & GitHub: Clone, commit, branch, merge - Hosting: GitHub Pages, Netlify basics - Basic command line usage Module 5: React.js – Modern Frontend Framework - React Fundamentals: JSX, Components, Props, State - Functional Components with Hooks (useState, useEffect) - Handling Forms and Inputs in React - React Router DOM (Single Page Apps) - Lifting State, Conditional Rendering - Context API and basic state management - Building reusable components - Project: Blog App, Task Manager, Weather UI	18 Month	48999/-	49999/- 10900(2300*17)

SYLLABUS & FEE STRUCTURE

Syllabus	Duration	Fee (50% Off)	
		Down	Installment
Module 6: Node.js + Express.js Backend - Node.js Basics, npm, file system, core modules - Creating REST APIs with Express - Middleware, Routing - Connecting to MongoDB with Mongoose - Handling file uploads - Environment variables and dotenv - Project: Contact Manager or Notes API Module 7: MongoDB – Database Integration - MongoDB Basics: Databases, Collections, Documents - CRUD Operations in MongoDB - Mongoose for schema modeling - One-to-Many Relationships - Connecting MongoDB with Express - Project: Task App with user data stored in MongoDB Module 8: Authentication & Security - Login/Register system with JWT & bcrypt - Protected Routes in React & Express - Role-based access control - Secure form handling, CORS, Helmet - Project: User Dashboard (role-based access) Module 9: AI in Web Development - What is AI and Generative AI - Introduction to ChatGPT, Gemini, Copilot - Writing AI prompts for: - Generating HTML/CSS/JS code - Content writing - Wireframing ideas - Tools: Framer AI, 10Web, Durable - Use AI to build a landing page using prompt - Project: AI-generated website converted into a real React site	18 Month	48999/-	49999/- 10900(2300*17)

SYLLABUS & FEE STRUCTURE

Syllabus	Duration	Fee (50% Off)	
		Down	Installment
Module 10: Capstone Live Projects -- Host 2–3 real-world projects with full deployment: -- - Lead Manager CRM -- - Fitness Coach Platform -- - Portfolio Generator with AI -- Code pushed on GitHub for job-ready portfolio Bonus Module: Freelancing & Hosting -- Freelancing portals: Fiverr, Upwork, LinkedIn -- Hosting via cPanel, Netlify, Vercel, Render -- Domain & SSL setup (GoDaddy, Namecheap) -- Resume + GitHub + LinkedIn Optimization Deliverables -- Weekly tasks and mini-projects -- GitHub portfolio ready -- Resume + Mock Interviews -- AI prompt templates for code & design “Live Web Project , Professional Training.”	18 Month	48999/-	49999/- 10900(2300*17)



YOU CAN EASILY
BUILD A WEBSITE
LIKE THAT.



"AFFORDABLE TECHNICAL SKILLS WITH **ASP**."

**ASP COMPUTER CODING:
AFFORDABLE TECHNICAL
SKILL LEARNING IDEAL FOR
STUDENTS.**

STUDENTS NEED TECHNICAL SKILLS FOR MODERN JOB DEMANDS, INNOVATION, PROBLEM-SOLVING, AND STAYING COMPETITIVE IN RAPIDLY EVOLVING INDUSTRIES.



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