

WEB DEVELOPMENT SYLLABUS

Outcomes by the End of the Course

- Build responsive and professional websites from scratch
- Understand frontend development concepts clearly
- Develop interactive web applications using JavaScript
- Create real-time projects for portfolio building
- Deploy websites to live servers
- Prepare confidently for job interviews

Career Opportunities

- Frontend Developer
- Web Designer
- JavaScript Developer
- UI Developer
- Freelance Web Developer
- Full Stack Developer (After Backend Learning)

HTML - Module Outline

- Introduction to Web & HTML
- HTML Structure & Basic Tags
- Headings, Paragraphs, Formatting Tags
- Lists (Ordered, Unordered, Description)
- Links & Navigation
- Images & Multimedia
- Tables
- Forms & Input Types
- Semantic HTML5 Tags
- SEO Basics
- Mini Project

CSS - Module Outline

- Introduction to CSS
- Selectors & Properties
- Colors, Backgrounds & Borders

- Box Model
- Margins, Padding & Display
- Flexbox
- CSS Grid
- Responsive Design & Media Queries
- Transitions & Animations
- Bootstrap Basics
- Mini Project

JavaScript - Module Outline

- Introduction to JavaScript
- Variables & Data Types
- Operators
- Conditional Statements
- Loops
- Functions
- Arrays & Objects
- DOM Manipulation
- Events
- Form Validation
- ES6 Features
- API Basics
- Mini Project



Additional (Job-Oriented Topics)

- Git & GitHub
- Hosting & Deployment
- Portfolio Development
- Resume Building
- Interview Preparation
- Live Real-Time Project
- Freelancing Guide