**Web Development**

1: Introduction to Web Design

* Understanding the basics of the web (client-server architecture, HTTP, URLs)
* Introduction to HTML, CSS, and JavaScript
* Setting up the development environment (text editor, browser, etc.)

2: HTML Fundamentals

* Structure of an HTML document
* HTML tags and elements
* Text formatting and semantic elements
* Links, images, and multimedia
* HTML forms and input elements

3: CSS Fundamentals

* Introduction to CSS
* CSS syntax and selectors
* Box model and layout
* Typography and text styling
* Working with Colours
* and backgrounds

4: Intermediate CSS

* CSS Flexbox and Grid for responsive layouts
* CSS transitions, animations, and transformations
* Media queries for responsive design
* CSS best practices and code organization

5: JavaScript Basics

* Introduction to JavaScript
* Variables, data types, and operators
* Control structures (if/else, loops)
* Functions and scope
* Handling events and event-driven programming

6: Document Object Model (DOM)

* Understanding the DOM and its structure
* Accessing and manipulating DOM elements with JavaScript
* Event handling and delegation
* Dynamic HTML and CSS with JavaScript

7: Advanced JavaScript Concepts

* Arrays, objects, and JSON
* Working with dates and times
* Regular expressions
* Error handling and debugging

8: JavaScript Libraries and Frameworks (Optional)

* Introduction to popular JavaScript libraries/frameworks (e.g., jQuery)