

CSS Course Content

1. Introduction to CSS

- What is CSS?
- How CSS works with HTML
- Benefits of using CSS for styling web pages
- CSS Syntax and structure

2. CSS Selectors

- Basic selectors
- Grouping selectors
- Attribute selectors
- Descendant, child, and sibling selectors (combinators)

3. Color and Backgrounds

- Defining colors
- Background properties
- Gradient backgrounds

4. Text Styling

- Font properties
- Text properties

5. CSS Box Model

- Understanding the box model
- Setting width and height for elements
- Box model properties

6. Layout and Positioning

- Display types
- Positioning
- Floating elements with float and clearing floats
- Centering content (horizontally and vertically)

7. CSS Flexbox (Introduction)

- Flex container and flex items
- Flexbox properties:
- Creating responsive layouts using Flexbox

8. CSS Grid (Introduction)

- Grid container and grid items
- Basic grid properties
- Aligning items in the grid

9. Borders and Shadows

- Border properties:
- Box shadows (box-shadow)
- Text shadows (text-shadow)

10. Pseudo-classes and Pseudo-elements

- Pseudo-classes
- Pseudo-elements

11. Responsive Design Basics

- Introduction to responsive web design
- Using media queries
- Responsive units

12. CSS Transitions and Animations (Introduction)

- Creating transitions
- Basic keyframe animations