

# Web Design:

In this course, you'll learn HTML, CSS, and Bootstrap which are the common code languages that all modern websites are built on. You'll also learn how to design and build beautiful websites by learning the basic principles of design. We will teach personal portfolio design with practical and portfolio implementation on live server.

## Syllabus:

### Module 1: Overview of HTML

1. What is HTML?
2. Basic HTML Document Structure
3. Creating Your First HTML Page
4. Creating a Blog

### Module 2: HTML Basics

5. Paragraphs
6. Text Formatting
7. Headings, Lines, Comments
8. Blog Project: About Me
9. Elements
10. Attributes
11. Images
12. Links
13. Lists
14. Blog Project: My Skills
15. Tables
16. Blog Project: My Schedule
17. Inline and Block Elements
18. Forms
19. Blog Project: Contact Form
20. HTML Colors
21. Frames

### Module 3: HTML5

22. Introduction to HTML5
23. Content Models
24. HTML5 Page Structure
25. header, nav & footer
26. article, section & aside
27. The audio Element
28. The video Element
29. The progress Element
30. Web Storage API
31. Geolocation API
32. Drag&Drop API
33. SVG
34. SVG Animations & Paths
35. Canvas
36. SVG vs. Canvas
37. Canvas Transformations
38. HTML5 Forms

### Module 4: Overview of CSS

39. What is CSS?
40. Inline, Embedded, External CSS
41. CSS Rules and Selectors
42. CSS Comments
43. Style Cascade and Inheritance

## Module 5: Working with Text

- 44. font-family
- 45. font-size
- 46. font-style
- 47. font-weight
- 48. font-variant
- 49. color
- 50. Aligning Text Horizontally
- 51. Aligning Text Vertically
- 52. text-decoration
- 53. Indenting the Text
- 54. text-shadow
- 55. text-transform
- 56. letter-spacing
- 57. word-spacing
- 58. white-spacing

## Module 6: Properties

- 59. Introducing the Box Model
- 60. Understanding the Box Model
- 61. Borders
- 62. Width and Height
- 63. background-color
- 64. background-image
- 65. background-repeat
- 66. background-attachment
- 67. Styling the Lists
- 68. Styling the Tables
- 69. Styling the Links
- 70. Customizing the Mouse Cursor

## Module 7: Positioning and Layout

- 71. The display Property
- 72. The visibility Property
- 73. Positioning
- 74. Floating
- 75. The clear Property
- 76. The overflow Property
- 77. The z-index Property

## Module 8: CSS3 Basics

- 78. Introduction to CSS3
- 79. Vendor Prefixes
- 80. Rounded Corners
- 81. box-shadow
- 82. Box Shadow Techniques
- 83. Transparency Effect
- 84. text-shadow
- 85. Pseudo Classes
- 86. Pseudo Elements
- 87. word-wrap
- 88. @font-face

## Module 9: Gradients & Backgrounds

- 89. Linear Gradients
- 90. Radial Gradients
- 91. background-size
- 92. background-clip
- 93. Transparent Borders
- 94. Multiple Background Images
- 95. opacity

## **Module 10: Transitions & Transforms**

- 96. Transitions
- 97. transform: rotate ()
- 98. transform origin, translate (), skew ()

- 99. scale (), Multiple Transformations
- 100. Keyframes & Animation
- 101. Animation Properties
- 102. 3D Transforms

## **Module 11: CSS Filters**

- 103. CSS Filters
- 104. Filter Functions

- 105. Opacity & Brightness
- 106. Using Multiple CSS Filters

## **Module 12: Overview of Bootstrap 4**

- 107. Introduction
- 108. Responsive Design
- 109. Containers
- 110. Grid System
- 111. Typography
- 112. Tables
- 113. Forms

- 114. Buttons
- 115. Images
- 116. Button Groups
- 117. Input Groups
- 118. Navbars
- 119. Alerts

## **Module 13: Responsive Web Design with Bootstrap**

## **Module 14: Overview of Domains and Hosting**

Shree Hari  
Infotech