## **Web Application Development**

#### Web Design Principles

- Basic principles involved in developing a web site
- Planning process
- Designing navigation bar
- Page design
- Home Page Layout
- Design Concept.

# **Brief History of Internet**

- What is World Wide Web
- Why create a web site
- Web Standards

# Introduction to HTML

- What is HTML
- HTML Documents
- Basic structure of an HTML document
- Creating an HTML document
- Mark up Tags
- Heading-Paragraphs
- Line Breaks
- HTML Tags.

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#### Elements of HTML

- Introduction to elements of HTML
- Working with Text
- Working with Lists, Tables and Frames
- Working with Hyperlinks, Images and Multimedia
- Working with Forms and controls.

### <u>Introduction to Cascading Style Sheets</u>

- Concept of CSS
- Creating Style Sheet
- CSS Properties
- CSS Styling(Background, Text Format, Controlling Fonts)
- Working with block elements and objects
- Working with Lists and Tables
- CSS Id and Class
- CSS Advanced(Grouping, Dimension, Display, Positioning, Floating, Align, Pseudo class, Navigation Bar, Image Sprites, Attribute sector)
- Box Model(Introduction, Border, Padding, Margin properties)
- CSS Color
- Creating page Layout and Site Designs

