

# Web Technologies

## Course Description

### Web Design

- Concepts of effective web design
- Web design issues including Browser
- Bandwidth and Cache
- Display resolution
- Look and Feel of the Website
- Page Layout and linking
- User centric design
- Sitemap
- Planning and publishing website
- Designing effective navigation

### HTML

- Basics of HTML
- Formatting and Fonts
- Commenting Code
- Color
- Hyperlink
- Lists
- Tables
- Images
- Forms
- XHTML
- Meta Tags
- Character entities
- frames and frame sets
- Browser architecture and Web site structure.
- Overview and features of HTML5

### STYLESHEETS

- Need for CSS
- introduction to CSS
- Basic Syntax and Structure
- Using CSS
- Background Images
- Colors and Properties
- Manipulating Texts
- Using Fonts
- Borders and Boxes



- Margins
- Padding Lists
- Positioning using CSS
- CSS2
- Overview and Features of CSS3

## **JAVASCRIPTS**

- Client side scripting with JavaScript
- Variables
- Functions
- Conditions
- Loops and Repetition
- Pop up boxes
- Advance JavaScript: Javascript and objects
- JavaScript own objects

## **PHP with MySQL**

- Basic commands with PHP examples
- Connection to Server
- Creating Database
- Selecting a Database
- Listing Database
- Listing Table Names
- Creating a Table
- Inserting Data
- Aaltering Tables
- Queries
- Deleting Database
- Deleting Data and Tables
- PhpMyadmin and Database Bugs