

# ASP.NET

## 1. Understanding Web behavior

- Evolution of web and web technologies
- HTML & HTTP
- Client side Scripting language - JavaScript
- Server side coding / Scriptlets
- Understanding round trips

## 2. IIS

- Importance of IIS
- How it works

## 3. Let us start with ASP.NET

- Why ASP.NET? Why not ASP?
- Evolution of ASP.NET
- Introduction to ASP.NET
- Architecture of ASP.NET

## 4. Asp.Net site structure

- Asp.net web site Layout
- Web site file types

## 5. Asp.Net Page Overview

## 6. Asp.net Application Life Cycle

- Asp.net Application life cycle Overview for IIS 6.0
- Page Life Cycle

## 7. Controls

- Difference between HTML & Server controls
- Rendering controls
- View state?

## 8. Working with Controls

- Standard controls
- Data controls
- Validation controls
- Login controls
- Navigation controls
- Web parts controls

- HTML controls
- User controls

## 9. Master pages in 2.0

- Master page overview
- Including Master page in your site
- Master page & Page & Usercontrols

## 10. Paint your website

- Inline CSS coding
- Including styles in separate files [CSS]
- Over view of Themes and skins
- Working with Themes and skins

## 11. State management in Asp.net

- Working with: Cookies
- Viewstate
- Hidden variables
- Querystrings
- Application state
- Session State

## 12. Constructing secure web application

- Authentication
- Authorization
- Impersonation

## 13. Configuration files in Asp.net web applications

## 14. How to Host websites

- Overview of hosting
- Hosting Live demo\*

## 15. What's new in 3.5 Framework

## 16. Ajax & Asp.Net

