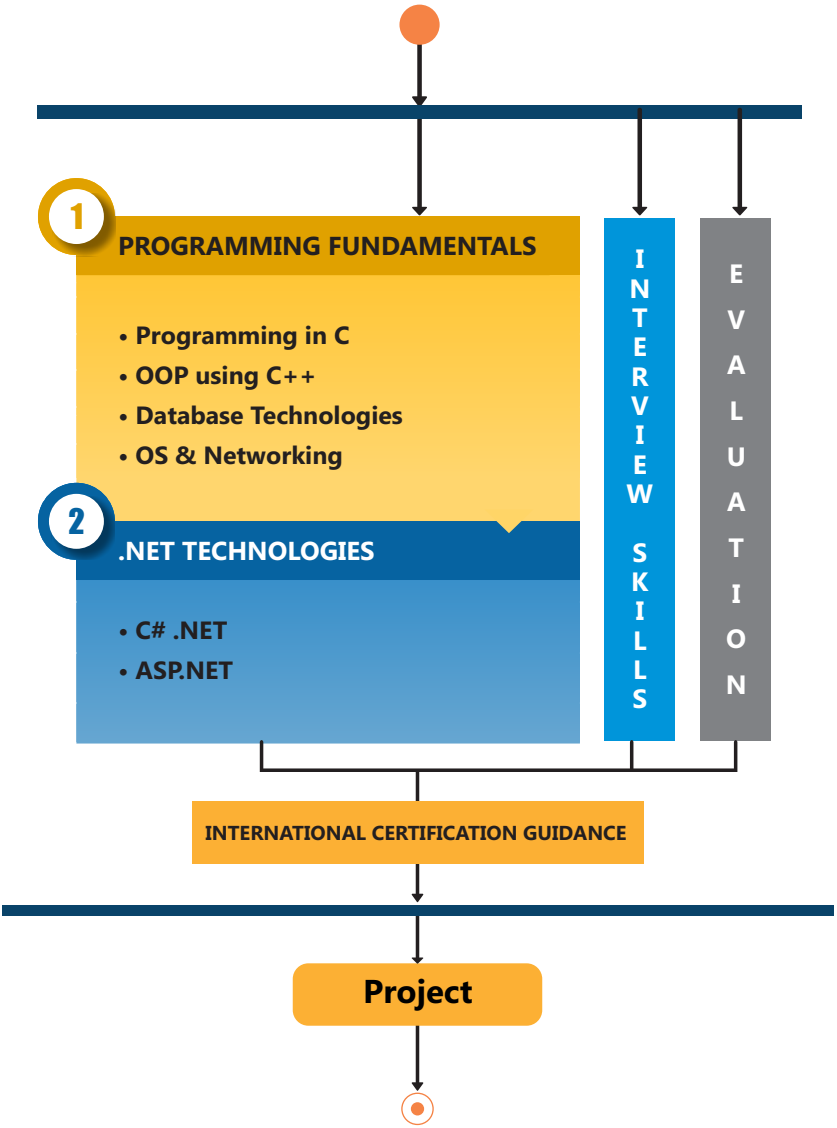
DNT - DIPLOMA IN .NET TECHNOLOGIES

DURATION : 2 Months

ELIGIBILITY : BE | BTech | MCA | MCS | MCM | MSc | BCA | BCS | BSc etc

PRE-REQUISITES :
• Good Knowledge of C, C++ Programming.

COURSE OVERVIEW



01- Programming Fundamentals

Programming in C

- Introduction to Programming
- Data Types, Operators
- Integrated Development Environment
- Control Structures
- Functions
- Pointers
- Arrays, Strings
- Structures and Unions
- Command Line arguments

C++

- Concepts of Object Oriented Programming
- Class and Object
- Constructors
- Static Data Member, Static Member Function
- Inline Function, Friend Function
- Operator Overloading
- Inheritance
- Polymorphism
- Exception Handling
- Function Template

Database Fundamentals & SQL

- Database fundamentals
- Normalization
- SQL / PL-SQL
- Stored Procedure, Function
- Triggers

Introduction to OS & Networking

- Overview of Operating System
- Concept of Process and Thread
- Memory Management
- Network Basics
- Classification of Networks
- Network Topologies
- Network Communication and Protocols
- TCP/IP fundamentals

02 - .NET Technologies

C SHARP

Introduction to .Net Framework

- What is .Net framework ?
- Why .net Framework ?
- Features of framework Versions
- .Net Architecture :
  - Languages Supported
  - CLS, CTS
  - FCL
  - CLR: Features
- What is Assembly? :
  - Why Assembly in .Net?
  - Features of Assembly
  - Components of Assembly
  - Private Assembly, Shared Assembly, Satellite Assembly
  - How to generate Assembly
  - ILDASM.exe
  - Difference Between .dll and .exe
- Introduction to Visual Studio
- Difference between Notepad and Visual Studio Editor used For .Net Framework
- Features Of Visual Studio 2015

Language Basics

- Types -Value type and Reference types
- Declaring variables
- Built-in Array, Struct, Enumeration
- Declaring Array (One-D, Two-D, Multi-D, Jagged Array), Struct, Enumeration
- ref, out and params Keywords
- Boxing and Unboxing

OOPs

- Difference Between Procedure and Object-Oriented
  - What is OOPS?
  - Why OOPS ?
  - Features Of OOPS
  - Class, Object
  - Characteristics of Objects
  - Writing Classes, defining Data Members, constructors, Methods, properties, Indexers
- OOPs Major Pillars
  - Encapsulation, Abstraction, Inheritance, Polymorphism
- Access Modifiers
  - public, Private, Protected, internal, protected internal
- Inheritance
  - Single, Multilevel, Hierarchical, Hybrid, Multiple
- Polymorphism
  - Compile time, Runtime
- Shadowing (Hiding)
- Abstract Class
- Interface: Implicit and Explicit Implementation

Exception Handling

- What Is Exception?
- Difference between Error And Exception
- Why To Handle Exceptions?
- using try ,Catch, Finally Blocks
- Handle Exceptions Using In Built Class Libraries
- Custom Exceptions

Win Forms

- How to design GUI Windows Application using : Forms, Controls, Application, Dialogue Boxes,
- Partial Class
- MDI, SDI Applications

- Menu And Toolbar Controls
- Container Controls
- Control Events
- Control Properties

Collections

- Generic Collection
- Non-Generic Collection
- foreach Loop
- Interfaces : I Enumerator, I Enumerable, I Collection, I Dictionary, I Comparable, I comparer, I List (Generic and Non-Generic)
- Custom Generic and Non-Generic Collection using those Interfaces
- Indexer

File IO and Serialization

- What is file, usage, types of files
- How to Handle file Using Built -In FCL : File, FileInfo
- Stream Reader / Stream Writer
- Directory and DirectoryInfo, Path, File Stream, Deflate, Gzip
- Serialization :
  - What is Serialization?
  - Why Serialization in .Net?
  - Types Of Serialization :XML, Binary, SOAP

Reflection And Attributes

- What is Reflection ?
- Why Reflection When using Visual Studio Kind Of Applications?
- Custom Reflection using :Type, Assembly, MemberInfo
- Late Binding using Reflection
- What is Attribute?
- Why Attributes in .Net?
- Custom Attributes using Attribute base class
- Doing Reflection of Custom Attributes

Events and Delegates

- What is Event?
- Why Events?
- Declaring, Instantiating, Raising Events
- Event with and without argument
- What is Delegate?
- Why Delegates in GUI Based Applications?
- Types Of Delegates :Unicast, Multicast
- Declaring, Instantiating and Invoking Delegate
- Event Handler and Methods

XML

- What is XML?
- Why XML in .Net?
- Structure of XML
- Handling XML file using: XML Document, xmlElement, xmlAttribute, xmlReader, xmlWriter

ADO.NET

- Why ADO.Net?
- Features Of ADO.Net
- Connected/Disconnected Architecture
- Data Relation
- Stored Procedure
- Data Binding and data bound controls
- N-Tier Application using ADO.Net

Multi-Threading

- What is Multi Threading?
- Difference between Multithreading and Processing
- Need of Multiple threads in applications?
- system. Threading : Thread, ThreadStart, Threadpriority
- Thread Life Cycle, State Of thread

- Limitations Of Multi Threading
- Thread Synchronization : Monitor, Mutext, Lock, Interlocked

Introduction to WCF

- What is WCF?
- WCF Architecture
- Why WCF?
- Creating Service, Configuring, Hosting and Consuming in Client Application

Introduction to WPF

- What is WPF?
- Difference between WPF and Winform
- WPF Architecture
- Layout Controls, Animation and Dependancy

Deployment of .Net applications

- Creating Installer files for Desktop Applications (Setup.msi)

ASP.NET

Introduction to Web Application

- Architecture Of Web Application
- Introduction to web Server-IIS
- Creating Virtual Directory in IIS
- History of web pages
- Introduction to HTML
- Introduction to HTTP
- Introduction to Scripting
  - Client Side Scripting (java Script, VB script, jquery)
  - Server side scripting (Asp, PHP, Asp.Net)
  - Features of Asp.Net Over Classical Asp

Asp.Net Web Server Controls

- Basics of Controls
- Types of Controls
  - List Controls, Intrinsic Controls, Rich Controls, Data Controls, Validation Controls, HTML Controls
- ViewState Feature
- Features of Asp.Net Web Server Control Over HTML Controls

Asp.Net Architecture

- Application Life Cycle
  - Application Pool
  - Worker Process
  - Application Domain
- Page Life Cycle
- HTTP Pipeline Objects
- Intrinsic Objects

State Management

- What is State of an object?
- What is State Management?
- Why State Management?
- How To Manage State
- Types of State Management
- Client Side
  - ViewState, Querystring, Cookie
- Server Side
  - Application
  - Session (Inproc and Outproc)

User Control And Custom Control

- What is and why User control?
- Difference between User and Custom Control
- Creating User and custom Control
- @Register Directive

Master Pages, Themes and CSS

- What and Why Master Pages, Themes and CSS?
- Differentiate Master Pages, Themes and CSS
- ContentPlaceHolder Control
- Content Control
- Applying Master page to Content Page

- Retrieving Master page Control to Content Page
- Nesting of Master pages
- Creating Named and Default Skin files And CSS file
- Using Themes And CSS to pages

ADO.Net

- Data Binding in Asp.Net
- Advantages of Data Binding in Asp.net
- Data Binding Expressions
- Different Datasources
- DataSource Controls
- SqlDataSource Control properties
- Populating Gridview With SqlDataSource Control
- Insert, Update, Delete Operations Using Sqldatasource Controls
- populating Grid view using stored procdure with sqldatasource control
- Enabling Data Source Control for caching
- Customizing Grid view control using Template field
- Details View Control
- Object DataSouce Controls
  - Creating Custom business object (entity)for Object DataSource Control
  - Binding Custom Business Object
    - XML DataSource Control
    - Navigation Controls
    - SiteMap DataSource Control
- What is LINQ?
- Why LINQ in .Net?
- Features of LINQ
- LINQ ORM
- DataContext in LINQ
- Structure of LINQ Query?
- Syntax Of LINQ Query
- LINQ To Object
- LINQ To XML
- LINQ To SQL
- Query Operators in LINQ

Caching

- What is Caching?
- Need Of Caching?
- Types Of Caching
  - Page Cache
  - Partial/fragment Caching
  - Data Caching
  - Expiration in Data Caching
- Sql Cache Dependancy
- Cache Dependancy
- VarybyParam, VarybyControl

- **AJAX**
  - What is AJAX?
  - Why AJAX?
  - Features Of AJAX
  - What is Asynchronous PostBack?
  - How To Ajaxify application
  - AJAX Extension Controls
    - Script Manager
    - Update Panel , Triggers, UpdateMode
    - Update Progress
    - Timer Control
  - Ajax Toolkit Controls

Web Services

- What is Web Service?
- Why Web Services?
- Components of Web Services
- XML, DISCO, UDDI, HTTP, SOAP, WSDL
- Creating Web Service
- Hosting Web Service
- Consuming Web Service and creating proxy
- Calling Web Service from client

- Calling Web Service from AJAX

Membership And Roles

- What is Authentication And Authorization
- Why Security?
  - Types of Authentication and Authorization Forms authentication, windows Authentication, Passport authentication, Anonymous Authentication
- Managing Security using Website Admin Tool and Programmatically
- aspnet_regsql
- Roles Management
- Creating, deleting, authenticating roles using Roles Class
- Creating, editing ,deleting and authenticating users using Membership and Membership users class

Personalization and Localization

- What is Personalization?
- What is Profile?
- How to create, Manage profile
- Anonymous Profile Management
- Localization and globalization
- Create Resource file

MVC-Introduction

- What is MVC?
- Why Asp.Net MVC?
- Compare Asp.Net MVC and WebForm
- Architecture of Asp.Net MVC
- Inroduction to Model,View Controller

Deployment

- What is Deployment?
- Way To Deployment:
  - Web Setup Project
  - Click Once Deployment
  - Copy Web Site

03 - Interview Skills

- Interview Techniques
- Frequently Asked Questions
- Group Discussion
- Resume Writing
- Mock Test Based on MNC Test Pattern

04 - Evaluation

- Technical Assignments
- Technical Test
- Technical Interview

05 - Project (optional)

- Design
- Development

06 - International Certification

- Guidance for International Certification

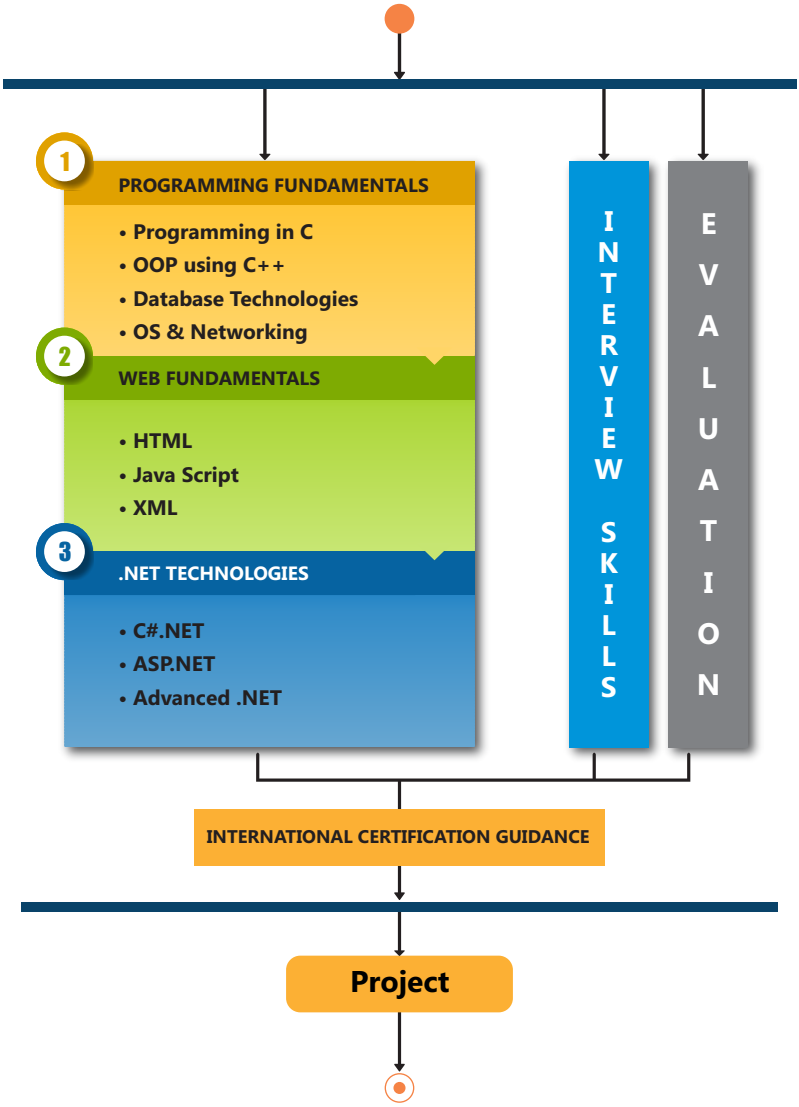
ADNT - ADVANCED DIPLOMA IN .NET TECHNOLOGIES

DURATION : 3.5 Months

ELIGIBILITY : BE | BTech | MCA | MCS | MCM | MSc | BCA | BCS | BSc etc

PRE-REQUISITES :
- Basic knowledge of C Programming

COURSE OVERVIEW



01- Programming Fundamentals

Programming in C

- Introduction to Programming
- Data Types, Operators
- Compilation, Linking, Execution, Debugging
- Integrated Development Environment
- Console Input and Output
- Control Structures
- Functions
- Pointers
- Storage classes, Dynamic Memory allocation
- Arrays, Strings
- File IO
- Structures and Unions
- Command Line arguments
- Macros

C++

- Concepts of Object Oriented Programmin
- Class and Object
- C++ as a better C
- Constructor, Constructor Overloading
- Static Data Member
- Static Member function, Inline function, Friend function
- Operator Overloading
- Inheritance
- Polymorphism
- File IO
- Exception Handling
- RTTI, Type Casting
- Templates
- Namespaces

Database Fundamentals & SQL

- Database fundamentals
- Normalization
- SQL / PL-SQL
- Stored Procedure, Function
- Triggers

Introduction to OS & Networking

- Overview of Operating System
- Concept of Process and Thread
- Memory Management
- Network Basics
- Classification of Networks
- Network Topologies
- Network Communication and Protocols
- TCP/IP fundamentals

02- Web Fundamentals

HTML

- HTML Basics: Structure, Elements and Attributes
- Various Input fields in html
- Tables, Frames, Lists, Layouts
- Fonts, Colors
- Images
- HTML Forms
- Cascading Style Sheet

Java Script

- Java Script Language basics
- Variables, Data Types, Functions, Operators
- Control flow using conditional and Iterative
- Managing HTML DOM and Events
- Java Script Objects

XML

- XML Basics : Structure
- Elements and Attributes

03 - .NET Technologies

C-SHARP

Introduction to .Net Framework

- What is .Net framework ?
- Why .net Framework ?
- Features of framework Versions
- .Net Architecture :
  - Languages Supported
  - CLS, CTS, FCL, CLR: Features
- What is Assembly? :
  - Why Assembly in .Net?
  - Features of Assembly
  - Components of Assembly
  - Private Assembly, Shared Assembly, Satellite Assembly
  - How to generate Assembly
  - ILDASM.exe
  - Difference Between .dll and .exe
- Introduction to Visual Studio
- Difference between Notepad and Visual Studio Editor used For .Net Framework
- Features Of Visual Studio 2015

Language Basics

- Types -Value type and Reference types
- Declaring variables
- Built-in Array, Struct, Enumeration
- Declaring Array (One-D, Two-D, Multi-D, Jagged Array), Struct, Enumeration
- ref, out and params Keywords
- Boxing and Unboxing

OOPs

- Difference Between Procedure and Object-Oriented
  - What is OOPS?
  - Why OOPS ?
  - Features Of OOPS
  - Class, Object
  - Characteristics of Objects
  - Writing Classes, defining Data Members, constructors, Methods, properties, Indexers
- OOPs Major Pillars
  - Encapsulation, Abstraction, Inheritance, Polymorphism
- Access Modifiers
  - public, Private, Protected, internal, protected internal
- Inheritance
  - Single, Multilevel, Hierarchical, Hybrid, Multiple
- Polymorphism
  - Compile time, Runtime
- Shadowing (Hiding)
- Abstract Class
- Interface: Implicit and Explicit Implementation

Exception Handling

- What Is Exception?
- Difference between Error And Exception
- Why To Handle Exceptions?
- using try ,Catch, Finally Blocks
- Handle Exceptions Using In Built Class Libraries
- Custom Exceptions

Win Forms

- How to design GUI Windows Application using : Forms, Controls, Application, Dialogue Boxes,
- Partial Class
- MDI, SDI Applications
- Menu And Toolbar Controls

- Container Controls
- Control Events
- Control Properties

Collections

- Generic Collection
- Non-Generic Collection
- foreach Loop
- Interfaces : I Enumerator, I Enumerable, I Collection, I Dictionary, I Comparable, I comparer, I List (Generic and Non-Generic)
- Custom Generic and Non-Generic Collection using those Interfaces
- Indexer

File IO and Serialization

- What is file, usage, types of files
- How to Handle file Using Built -In FCL : File, FileInfo
- Stream Reader / Stream Writer
- Directory and DirectoryInfo, Path, File Stream, Deflate, Gzip
- Serialization :
  - What is Serialization?
  - Why Serialization in .Net?
  - Types Of Serialization :XML, Binary, SOAP

Reflection And Attributes

- What is Reflection ?
- Why Reflection When using Visual Studio Kind Of Applications?
- Custom Reflection using :Type, Assembly, MemberInfo
- Late Binding using Reflection
- What is Attribute?
- Why Attributes in .Net?
- Custom Attributes using Attribute base class
- Doing Reflection of Custom Attributes

Events and Delegates

- What is Event?
- Why Events?
- Declaring, Instantiating, Raising Events
- Event with and without argument
- What is Delegate?
- Why Delegates in GUI Based Applications?
- Types Of Delegates :Unicast, Multicast
- Declaring, Instantiating and Invoking Delegate
- Event Handler and Methods

XML

- What is XML?
- Why XML in .Net?
- Structure of XML
- Handling XML file using: XML Document, xmlElement, xmlAttribute, xmlReader, xmlWriter

ADO.NET

- Why ADO.Net?
- Features Of ADO.Net
- Connected/Disconnected Architecture
- Data Relation
- Stored Procedure
- Data Binding and data bound controls
- N-Tier Application using ADO.Net

Multi-Threading

- What is Multi Threading?
- Difference between Multithreading and Processing
- Need of Multiple threads in applications?
- system. Threading : Thread, ThreadStart, Threadpriority
- Thread Life Cycle, State Of thread
- Limitations Of Multi Threading

- Thread Synchronization : Monitor, Mutext, Lock, Interlocked

Introduction to WCF

- What is WCF?
- WCF Architecture
- Why WCF?
- Creating Service, Configuring, Hosting and Consuming in Client Application

Introduction to WPF

- What is WPF?
- Difference between WPF and Winform
- WPF Architecture
- Layout Controls, Animation and Dependancy

Deployment of .Net applications

- Creating Installer files for Desktop Applications (Setup.msi)

Introduction to Web Application

- Architecture Of Web Application
- Introduction to web Server-IIS
- Creating Virtual Directory in IIS
- History of web pages
- Introduction to HTML
- Introduction to HTTP
- Introduction to Scripting
  - Client Side Scripting (java Script, VB script, jquery)
  - Server side scripting (Asp, PHP, Asp.Net)
  - Features of Asp.Net Over Classical Asp

Asp.Net Web Server Controls

- Basics of Controls
- Types of Controls
  - List Controls, Intrinsic Controls, Rich Controls, Data Controls, Validation Controls, HTML Controls
- ViewState Feature
- Features of Asp.Net Web Server Control Over HTML Controls

Asp.Net Architecture

- Application Life Cycle
  - Application Pool
  - Worker Process
  - Application Domain
- Page Life Cycle
- HTTP Pipeline Objects
- Intrinsic Objects

ASP.NET

State Management

- What is State of an object?
- What is State Management?
- Why State Management?
- How To Manage State
- Types of State Management
- Client Side
  - ViewState, Querystring, Cookie
- Server Side
  - Application
  - Session (Inproc and Outproc)

User Control And Custom Control

- What is and why User control?
- Difference between User and Custom Control
- Creating User and custom Control
- @Register Directive

Master Pages, Themes and CSS

- What and Why Master Pages, Themes and CSS?
- Differentiate Master Pages, Themes and CSS
- ContentPlaceHolder Control
- Content Control
- Applying Master page to Content Page

- Retrieving Master page Control to Content Page
- Nesting of Master pages
- Creating Named and Default Skin files And CSS file
- Using Themes And CSS to pages

ADO.Net

- Data Binding in Asp.Net
- Advantages of Data Binding in Asp.net
- Data Binding Expressions
- Different Datasources
- DataSource Controls
- SqlDataSource Control properties
- Populating Gridview With SqlDataSource Control
- Insert, Update,Delete Operations Using Sqldatasource Controls
- populating Grid view using stored procdure with sqldatasource control
- Enabling Data Source Control for caching
- Customizing Grid view control using Template field
- Details View Control
- Object DataSouce Controls
  - Creating Custom business object (entity)for Object DataSource Control
  - Binding Custom Business Object
    - XML DataSource Control
    - Navigation Controls
    - SiteMap DataSource Control
- What is LINQ?
- Why LINQ in .Net?
- Features of Linq
- LINQ ORM
- DataContext in LINQ
- Structure of LINQ Query?
- Syntax Of LINQ Query
- LINQ To Object
- LINQ To XML
- LINQ To SQL
- Query Operators in LINQ

Caching

- What is Caching?
- Need Of Caching?
- Types Of Caching
  - Page Cache
  - Partial/fragment Caching
  - Data Caching
  - Expiration in Data Caching
- Sql Cache Dependancy
- Cache Dependancy
- VarybyParam, VarybyControl

- **AJAX**
  - What is AJAX?
  - Why AJAX?
  - Features Of AJAX
  - What is Asynchronous PostBack?
  - How To Ajaxify application
  - AJAX Extension Controls
    - Script Manager
    - Update Panel , Triggers, UpdateMode
    - Update Progress
    - Timer Control
  - Ajax Toolkit Controls

Web Services

- What is Web Service?
- Why Web Services?
- Components of Web Services
- XML, DISCO, UDDI, HTTP, SOAP, WSDL
- Creating Web Service
- Hosting Web Service
- Consuming Web Service and creating proxy
- Calling Web Service from client
- calling Web Service from AJAX

Membership And Roles

- What is Authentication And Authorization
- Why Security?
  - Types of Authentication and Authorization Forms authentication, windows Authentication, Passport authentication, Anonymous Authentication
- Managing Security using Website Admin Tool and Programmatically
- aspnet_regsql
- Roles Management
- creating, deleting, authenticating roles using Roles Class
- creating, editing ,deleting and authenticating users using Membership and Membership users class

Personalization and Localization

- What is Personalization?
- What is Profile?
- How to create, Manage profile
- Anonymous Profile Management
- Localization and globalization
- Create Resource file

MVC-Introduction

- What is MVC?
- Why Asp.Net MVC?
- Compare Asp.Net MVC and WebForm
- Architecture of Asp.Net MVC
- Inroduction to Model,View Controller

Deployment

- What is Deployment?
- Way To Deployment:
  - Web Setup Project
  - Click Once Deployment
  - Copy Web Site

ADVANCED .NET

Windows Communication Foundation (WCF)

Introduction

- Introduction to SOA
- SOA Architecture
- Web services
- .Net Remoting
- Limitations of Web Services And .Net Remoting.

Introduction to WCF

- What is WCF?
- Why WCF?
- Architecture of WCF
- Lifecycle of WCF

WCF Concepts

- Messages,Channels,Services,Behavious
- Address, binding, Contract
- Endpoint
- ServiceModel,Service host

Contracts

- Service Contracts
- Operation Contracts
- DataContracts
- Message Contracts

Address And Binding

- Creating Service and operatiion Contracts
- Configuring Bindings, endpoints and Contracts in Configuration file and programmatically.
- Hosting Service

- creating proxy in client Application
- IIS Hosting, Self Hosting using windows or Console Application
- Windows Service Hosting

Message Exchange Patterns

- Request And Reply
- Oneway
- Duplex
- Asynchronous

Instance Management

- Using Per-call Services
- Using Per-Session
- Using Singleton

Windows Presentation Foundation (WPF)

Introduction

- Introduction Desktop Application
- Difference between Winform And WPF
- Introduction to WPF
- Architecture Of WPF
- WPF Life Cycle.
- Simple WPF Application using Visual Studio
- Introduction to Expression Blend
- Logical And Visual Tree

XAML

- Role of XAML
- Elements and Attributes
- Namespaces
- Property Elements
- Type Converters
- Content Property
- Collections
- XAML and Procedural Code

WPF Controls

- Sizing
- Positioning
- Transforms
- Canvas
- Drawing Shapes
- StackPanel
- WrapPanel
- DockPanel
- Grid
- Scrolling
- Scaling
- Brushes

Dependency Properties and Routed Events

- Dependency Properties
- Change Notification
- Property Value Inheritance
- Support for Multiple Providers
- Routed Events
- Routing Strategies

Resources

- Resources in WPF
- Binary Resources
- Logical Resources
- Static versus Dynamic Resource
- Hosting Service

DataBinding

- Binding Sources
- Sharing Sources with DataContext
- Data Templates

- Value Converters
- Collection Views
- Data Providers
- Validation Rules

MultiMedia

- Audio Application
- Video Application
- Double Animaion
- Color Animation
- 2D Application
- 3D Application

ASP.NET Model View Controller (MVC)

Overview of Asp.Net MVC

- Features of Asp.Net
- Limitations Of Asp.Net
- What is MVC?
- Architecture of MVC
- Role of Model,View,Controller in MVC pattern
- Introduction to Asp.Net MVC
- Architecture of Asp.Net MVC
- Benefits of Asp.Net MVC Over Asp.net Web forms

Setting up and Installing MVC

- Histrory of Asp.Net MVC versions
- Installing Asp.Net MVC
- Installing IIS

Developing MVC Application

- Asp.Net MVC Project Templates
- Structure of Asp.Net MVC Project
- Creating Views
- Defining Controllers,
- Defining Data Model
- Understanding Routing Mechanism
- Custom Routing
- URL And Action Methods
- Creating Strongly typed Views
- Static And Dynamic Views
- Attributes

Razor View Engine

- Razor Basics,Razor Syntax
- Accessing Model Data in Razor view
- HTML Helper Classes
- Razor Helper Methods
- Client side and Server side Validation using DataAnnotatio
- Defining Layout and styles in M
- Creating Application using Bootstrap Template

Navigation

- Generating URLs and HyperLink
- Using HTML Helper Methods
- Controller Redirecting
- Handling Form PostBack

MVC State Management

- Using Hiddenfield
- using Session and Application State
- Cookie,Query string
- ViewBag,ViewData,TempData
- Custom Model Binding

SQL DataBinding

- Adding Database controller in MVC
- Adding Model for LINQ To SQL
- Adding Model for Entity framework
- Adding Custom Repository

AJAX in MVC

- Overview of AJAX and MVC
- Unobstrusive in AJAX
- AJAX Action Link
- Overview of Jquery
- Jquery Techniques

MVC Security

- Authentication
- Authorization
- XSS
- CSRF (Cross site Request Forgery)
- Using Attributes
- Roles Management

TDD

- What is TDD?
- Why TDD?
- Practicing TDD .

Deployment

- Deployment of Application on Web Server

04 - Interview Skills

- Interview Techniques
- Frequently Asked Questions
- Group Discussion
- Resume Writing
- Mock Test Based on MNC Test Pattern

05 - Evaluation

- Technical Assignments
- Technical Test
- Technical Interview

08 - Project (optional)

- Design
- Development

09 - International Certification

- Guidance for International Certification