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[We believe in Practical Training.]

Corporate Programming Training/College Students Internship Training /All Software Languages Training

[.NET-B] [Internship Project Training on .NET]

Note:- 1] Syllabus contain Main topics of language, all sub topics teach into training.
2] Training Certificate will provide.

Training Summary

*** C# Theoretical.**



ADO.NET Theoretical.

ADO.NET Practical.

ASP.NET Theoretical.

ASP.NET Practical.

MVC.NET Theoretical.



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MVC.NET Practical.

1st Test on Theoretical of C#/ADO/ASP/MVC.NET

2nd Test on Practical of C#/ADO/ASP/MVC.NET

1st mini Project on C#

#2nd Major Project on ASP.NET [Online]

.NET Syllabus



.Net (C#)

1. An Introduction to C#

- What is .NET?
- What is the CLR?
- The FCL
- Primitive Types
- Namespaces
- Statements and Expressions
- Operators

2. Classes and Objects

- Constructors
- Reference Types
- Object Oriented Programming



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- Inheritance
- Access Modifiers
- Abstract Classes
- Virtual Members
- Static Classes
- Sealed Classes
- Partial Classes

3. C# - Types

- Reference Types
- Value Types
- Struct
- Reference Types
- Value Types
- Strings
- Boxing
- The enum
- Defining Types
- Interfaces
- Arrays
- Assemblies



4. C# - Events, Properties, and Methods

- Methods
- Method Overloading
- Fields
- Properties
- Events
- Indexers
- Operator Overloading
- Conversion Operators

5. C# - Flow Control and Exceptions



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- Switching
- Looping
- Using for each
- Throwing Exceptions
- Built-in Exceptions
- Handling Exceptions
- Finally

6. C# and the CLR

- Garbage Collection
- Threads

7. Object Oriented Programming with C#

- Encapsulation
- Abstractions
- Interface



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8. Functional Programming with C#

- Abstraction
- Multithreading

9. Exploring the .NET Framework

- File I/O
- Resource management with try/finally/using
- Array List
- Hash table
- Sorted List
- Stack and Queue

10. Windows Form

- Introduction to Windows Form
- Form Controls
- User Define Controls



11.ADO.NET

- Connected Architecture
- Disconnected Architecture
- Working with Transaction

ASP.NET& ASP.NET MVC

1. ASP.NET

- Web Application using ASP.NET
- ASP.NET Architecture
- Control-based Programming
- User Interface Elements
- Deployment
- Web Sites, Applications, and Virtual Directories in IIS
- ASP.NET Diagnostics and Health Monitoring



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2. ASP.NET Working With Data

- Data Binding
- State Management
- Validation
- Caching

3. ASP.NET 3.5 Security

- IIS 6 & IIS7 URL Authorization
- Forms authentication
- Role-based authorization

4. ASP.NET 3.5 Advanced Topics

- HTTP Pipeline



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- Custom Controls
- Web Parts
- Web Services

5. ASP.NET AJAX

- ASP.NET Ajax Introduction
- ASP.NET Ajax Server Controls
- ASP.NET Ajax Server Data
- ASP.NET Ajax Client-side Library
- ASP.NET Ajax Control Toolkit

6. ASP.NET MVC

- Web Application using MVC Pattern
- Razor View
- Controller
- Model



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7. Entity Framework

- Introducing the Entity Framework
- Code First Approach