ASP.NET Online Training
By Mr. ADITYA M.
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1. **Introduction to ASP.NET**

   Duration: 02:00 Hrs

   - Web Application Fundamentals
   - Using Internet Information Services
   - Web Forms
   - ASP.NET MVC
   - Web Services
   - ASP.NET Features

2. **Web Forms Architecture**

   Duration: 02:00 Hrs

   - Page Class
   - Web Forms Life Cycle
   - Web Forms Event Model
   - Code-Behind

3. **State Management and Web Applications**

   Duration: 03:00 Hrs

   - Session State
   - Application State
   - Cookies

4. **Server Controls**

   Duration: 06:00 Hrs

   - HTML Server Controls
   - Web Forms Server Controls
   - Rich Controls
   - Validation Controls
   - User Controls

5. Caching in ASP.NET

Duration: 02:00 Hrs

- What Is Caching?
- Page-Level Caching
- Page Fragment Caching
- Optimizing Your ASP.NET Application
- Application Caching

6. ASP.NET Configuration and Security Fundamentals

Duration: 03:00 Hrs

- Configuration Overview
- Authentication and Authorization
- Forms Authentication
- Windows AuthenticationSecurity and ASP.NET

7. Debugging and Error Handling

Duration: 02:00 Hrs

- Debugging
- Application Tracing
- Page Tracing
- Error Handling

8. ADO.NET and LINQ

Duration: 04:00 Hrs

- ADO.NET Overview
- .NET Data Providers
- Connections
- Commands
- DataReaders and Connected Access
- Data Sets and Disconnected Access
- Language Integrated Query

9. Data Controls and Data Binding

   Duration: 06:00 Hrs

   - Data Source Controls
   - Connection String
   - GridView
   - DetailsView
   - FormView
   - Object Data Sources
   - ListView

10. ASP.NET MVC and Web API

    Duration: 20:00 Hrs

    - Model-View-Controller Pattern
    - What is ASP.NET MVC?
    - ASP.NET MVC versus Web Forms
    - ASP.NET MVC Projects in Visual Studio
    - ControllersAction Methods and Routing
    - Views
    - Strongly-Typed Views
    - Model BindingValidation
    - Web API
    - Representational State Transfer
    - REST and Web API
    - HTTP Services Using Web API
    - Web API Clients

Total : 50 hours