

ASP.NET Syllabus

Course: ASP.NET / ADO.NET / C#.NET / SQL Server / Live Project

<p>➤ ASP.NET</p> <ul style="list-style-type: none">• ASP.NET Framework• Standard Controls, Rich Controls• Validation Controls• State Management techniques• Websites with Master Pages• Websites with Themes• Custom Controls with user Controls• AJAX implementation• Authentication• Send Mail• Web Services• Basic of JavaScript	<p>➤ ADO.NET</p> <ul style="list-style-type: none">• ADO.NET architecture• Data Providers<ul style="list-style-type: none">- Connection- Command object- DataAdapter- DataReader- DataSet• Database connectivity with SQL server• Connection string/Connection pooling• Data Controls
<p>➤ 3 - Tier Architecture</p> <ul style="list-style-type: none">• Understanding 3-Tier architecture<ul style="list-style-type: none">- Data Access Layer- Business access layer- Presentation Layer	<p>➤ C#.NET</p> <ul style="list-style-type: none">• Functions• Arrays• String & String builder• Enumeration• Object oriented Programming(OOPs)<ul style="list-style-type: none">- Inheritance- Polymorphism- Data abstraction- Interface Implementation- Delegation- Event handling- Properties• Exception Handling
<p>➤ MS SQL Server – Data Base</p> <ul style="list-style-type: none">• Overview of SQL• DDL / DML / DCL• Transect SQL Statements• Normalization• ACID Properties• Stored Procedure, Triggers• Union / Union all, Views• Cursor, Joins, Indexing• Transaction Management• Exception Handling• Export / Import functionality• Backup / Restore functionality	<p>➤ Advanced Features</p> <ul style="list-style-type: none">• MVC• LINQ
	<p>➤ Live Project</p> <ul style="list-style-type: none">• Project Definition• SRS & Documentation• GUI & Database Design• Coding with Industry Standards