



Microsoft®  
**Visual Studio® 2008**

**Courses**

**ASP.Net + VB.Net + C# + XML + Web Services + Sql Server 2005**

**Certifications**

**MCP, MCTS (ASP.Net, C#)**

*Get the rewards,* respect, and recognition you deserve,  
Become a Microsoft Certified Professional.



**Corporate Trainer's Profile**

Corporate Trainers are having the experience of 4 to 12 years in development , working with TOP CMM level 5 companies (Project Leader /Project Manager ) qualified from NIT/IIT/IIM and work exp in USA and UK.



**CMM (Capability Maturity Model) level Project Standard:-**

The Capability Maturity Model (CMM) is a method for evaluating the maturity of organizations on a scale of 1 to 5. Get the Opportunities to work on Client Projects Of US/UK, which follow the all standard of CMM level 5 Company.

**Projects**





**SUMMARY:** The Microsoft SQL Server Advanced Programming Techniques class will teach students methods to utilize in order to write highly efficient and effective stored procedures, batches, transactions, cursors, and ad hoc queries. Participants will be shown how to properly code functions, joins, subqueries, Case statements, and grouping facilities. Additionally, students will learn the structure of locking, search arguments, optimizations, and stored procedure compilations.

**AUDIENCE:** This course is recommended for Microsoft SQL Server Application Programmers who require an in depth knowledge of advanced programming techniques.

**PREREQUISITES:** Students should have an understanding of the facilities of the Microsoft SQL Server Relational Database Management System. Students should also have attended the Introduction to Microsoft SQL Server and Transact\_SQL facilities class.

**DURATION:** This class is presented in four days.

**OBJECTIVES:** Upon successful completion of this course, participants will be able to code advanced techniques of the Microsoft SQL Server with relative ease and understanding. Students will understand the most advantage method of coding to be performed in various situations.

**COURSE CONTENT:** Using Functions for

- Presentation
- Padding
- Signs
- Sorting
- Decoding
- Date processing
- Strings
- Arithmetic facilities
- Locking
- Concepts
- Schemes
- Isolation levels
- Deadlocks
- Table locking
- CASE processing
- Select
- Updates
- Frequency tables
- Table pivoting
- Table folding



## CURSORS

Read cursors

Update cursors

Coding techniques

Joins

Inner joins

Outer joins

Self joins

Table lookups

Merge joins

Hash Joins

Subqueries

Non-correlated

Correlated

Exception reporting

Coding

Unions

Group by

Cumulative totals

Numbering rows

Missing data

Ranking

Stored procedures

Creating

Executing

Testing

Transaction modes

Error processing

Effective coding

Search arguments

Indexes

Optimizations

Plans

Variables

Parameters