TECHNO EXPERT SOLUTIONS

AN INSTITUTE FOR SPECIALIZED STUDIES!

Microsoft Dynamics AX Technical Course Content:

Architecture

- Introduction
- Features of Microsoft Dynamics AX
- Architecture
- Development Environment
- Model Driven Architecture

Data Dictionary

- Introduction
- MORPHX and the Application Object Tree
- Tables
- Data Types: Primitive and Extended
- Creating Tables
- Indexes
- Relations
- Base Enumerations
- Views

User Interfaces

- Introduction
- Forms
- Joining Data Sources
- Menus Items
- Form Templates
- List Pages

Introduction to X++

- Introduction
- Characteristics of X++
- Development Tools
- Best Practices

X++ Control Statements

- Introduction
- Introduction to Variables
- Operators

- Conditional Statements
- Loops
- Built-in Functions
- Communication Tools

Accessing the Database

- Introduction
- Retrieving Data
- Data Manipulation
- Queries

Exception Handling

- Introduction
- Exceptions
- Try and Catch Exceptions
- Throwing Exceptions
- Optimistic Concurrency Exceptions

Number Sequences

- Introduction
- Set Up and Administration
- Using Number Sequences in Forms

Fact boxes/Infoparts

- Introduction
- Menu Items
- Creating Factboxes
- Applying in the existing application

Dialogs, Text Files and CSV files

- Introduction
- Creating, reading and writing the data in text files
- Creating Dialog boxes
- Importing the data into the CSV file using X++ coding
- Creating the forms using X++ coding

AIF (Application Integration Framework)

- Introduction
- Creating a custom service
- Deploying a service
- Testing the service
- Consuming the service using visual studio

Application Deployment

- Introduction
- Identifying the objects to be deployed
- Deploy into the required environment
- Save the changes after deployment

Reporting

Types of Reports

- Standard dynamics AX Reports
- SSRS Reports

Standard Dynamics AX Reports

- Introduction
- Creating a report
- Designing a report
- Executing report through Menu Items
- Executing report through X++ code

SSRS Reports

- Introduction
- Reporting Features Overview
- Report Data Overview
- Creating Basic Reports from a Query and RDP
- Manage Report Execution by Using X++
- Print Management