TECHNO EXPERT SOLUTIONS

AN INSTITUTE FOR SPECIALIZED STUDIES!

COURSE CONTENT FOR MS DYNAMICS AX FUNCTIONAL ONLINE COURSE:

1 : INTRODUCTION

- ERP – Introduction-Biz application
- Different technologies used for ERP
- Introduction About Microsoft Dynamics AX
- Versions of Ax & Architecture, new features in Ax 2018
- Data components
- UI
- Programming
- Integration with other apps (brief descriptions)

3 : DATA COMPONENTS

- Introduction to MS Dynamics AX Data Dictionary
- MorphX and the Application Object Tree
- Features of the AOT
- Objects in the Data Dictionary
- Views, Tables, Extended Data Types & Maps
- Base Enums & Security (Policies, Roles, Duties)
- Microsoft Dynamics AX Table Structure & Components
- Procedure: Creating a Table in Microsoft Dynamics AX
- Relations
- Data Types Primitive & Extended & Indexes

5 : PROGRAMMING

- Development environment
- Introduction to X++
- What is X++

- New programming features in AX 2012
- Object Oriented Programming features
- How OOPS concept used in AX
- Objects & Classes, Development Tools & Best Practices
- Introduction to Methods, objects& classes, Variables
- Accessing the Database & X++ Control Statements
- Data manipulation & Searching for records
- Queries using X++ Language
- Development Training Objectives & Environment and Tools
- Development Environment Application, Introduction
- Cross-References, AOS Setup & Monitoring/Performance
- System Monitoring, Debugger, tracing & Query

2 : ARCHITECTURE

- Introduction to Microsoft Dynamics AX Development
- Features of Microsoft Dynamics AX
- Elements of Microsoft Dynamics AX Development
- MS Dynamics AX Object Server
- Application Object Tree
- IntelliMorph
- MorphX
- Inheritance
- MS Dynamics AX Application Essentials, X++
- MS Dynamics AX Layered Architecture
- Models and Model management
- Tools for Customization
- Security, Inquiry and Reports
- Conclusion

4 : USER INTERFACES

- Projects, Forms

- Elements that Compose a Form

- Form Designs

- Forms and Their Data Sources

- Forms and Their Methods

- Menus Items in MorphX

- Microsoft Dynamics AX Non-graphical Objects

- Queries, Jobs, Macros

- SSRS Reports (AX + SSRS integration Brief description)

- Working with Report Design

6 : ADVANCED TOPICS (BRIEF DESCRIPTIONS)

- Work flow

- EP (Ax web application)

- Upgrade from Lower version