

SAP ABAP Course Brochure

Contents:

- Introduction to ERP
- Introduction to SAP R/3 Architecture
- Know the meaning of ERP and SAP
- Understand the R/3 system
- Understand the Basics of SAP
- Log on to SAP and do the Basic Navigations
- ABAP Programming
 - Understand the Need for ABAP
 - Overview of SAP ABAP/4
 - Data types
 - Create Reports
 - Write the Program Code
 - Test the Program
 - Know ABAP/4 Language Elements
 - Combine similar statements to one statement
 - Illustrate Defining Data Types and Data Objects
 - Recognize the System Variables
- Selection Screens
 - Use various additions of parameters
 - Create a selection screen using the selection screen and select options
- Debugging Techniques
 - Watchpoint Making
- Data Dictionary
 - Use Data Dictionary to maintain Database Objects
 - Domain
 - Data Elements
 - Tables
 - Structures
 - Table Types
 - Views
 - Search Helps
 - Lock Objects

- Internal tables
 - To Define an Internal Table and understand its attributes
 - Types of Internal Tables
 - To Add, Read, Update and Delete Data from an internal Table
 - To Sort the Contents of an Internal Table
 - Control break statements on Internal Table
- Control statements
 - If Statement and Case Statement
 - The exit Statement
 - The do and the While statement
 - The continue and Check statement
- String Handling
 - Use the following in string handling
 - Shift
 - Translate
 - Find
 - Strlen
 - Condense
 - Concatenate
 - Split
- Reporting
 - Classical and Interactive Events
- Modularization
 - Subroutines
 - Functions Modules
- Module Pool Programming
 - Introduction to Module pool programming
 - Tools for developing Module pool programming
 - Screen Painter
 - Flow Logic
 - Types of Events
 - GUI status & Messages
 - Screen commands & LUW
 - Table controls and Tab strips
- OOPs Programming
 - OOPS Concepts
 - ABAP Objects

- Creating & Accessing objects
- Constructor
- Inheritance
- Interfaces
- Events o Exceptions
- Object Oriented ALV
 - Control Framework
 - ALV Grid
- File Handling
 - Introduction to file handling
 - File Handling Presentation Server
 - File Handling Application Server
- Conversion Techniques
 - Data Migration Overview
 - BDC- Batch Data Communication
 - Session Method
 - Call transaction Method
 - BAPI (Business Application Programming Interface)
- Transports Overview
 - Concept of workbench and customizing request
 - How to release and analyze request
- Enhancement and Modification
 - Changing the SAP Standard System
 - Enhancements to ABAP Dictionary Elements
 - Enhancements Using Customer Exits
 - Business Add-Ins
- Smart Forms
 - Overview
 - Architecture
 - Configuration
 - SAP Form Builder
 - Texts, Addresses and Graphics
 - Data in Forms
 - Tables and Templates
 - Flow Control
 - Integration into Application Programs
 - Fonts and Bar Codes

- ALE IDOCS
 - Introduction
 - IDOC
 - ALE
- OData Introduction
- ABAP on HANA Introduction

