TRIUMPGATE TECHNOLOGIES

3rd floor, Nagasuri Plaza, Bank Of India, Ameerpet.

Contact No.7997999866   **Faculty: Mr. Srikanth**

Introduction to ABAP

1. What is ABAP
2. R/3 Architecture
3. SAP Landscape
4. Type of ABAP programs
5. Designs of small program using data types, parameters, text elements, fields strings, constants offset and field symbols
6. Overview of SD and MM flow
7. Relationships of Standard tables and keys

ABAP Dictionary

1. Introduction to ABAP Dictionary
2. Data Dictionary functions and Objects
3. Database table, View, Data Types, Type Groups, Domain, Search help and Lock Objects
4. Primary and Foreign Key Relationship
5. Secondary Index
6. Table Maintenance Generator and Table Events

Selection Screen

1. Introduction to selection Screen
2. Parameters, Selection-Options and selection screen statements
3. Screen Tables and it fields
4. Dynamic Screen
5. Selection Screen Validations

Reports

1. Introduction to reports
2. Classical, Complex and Interactive reports

Internal / Tables

1. Introduction of Internal tables
2. Types of Internal Tables (Standard, sorted and Hashed)
3. Processing of Internal Table
4. Inner Joins, Outer Join and for all Entries

Packages and Variants

1. Creation of package
2. Difference B/W package and local objects
3. Changing the local object to package and Package to Local objects
4. Introduction of Variants
5. Creating variants for reports and objects

ALV Reports

1. Introduction to ALV
2. ALV through Function Modules
3. ALV types
4. List, GRID and Interactive ALV
5. Object Oriented ALV

Debugging Techniques

1. Debugging Techniques Introduction
2. BREAK-POINT (static Dynamic)/ External Break-Point
3. Watch points
4. Dynamically changing internal tables contents in debugging Editor
5. Options to step through the program in Debugging Editor

Modularization Techniques

1. Modularization Techniques Introduction
2. Macros
3. Includes
4. Subroutines
5. Passing parameters to subroutine
6. Passing tables to subroutines

7. Function Groups and Function Modules

Dialog / Modules pool Programming / Transactions

1. Introduction to Modules Pool Programming
2. Relationship between screen, Flow Logic and program
3. Events in Module Pool Programming
   - Process Before Output (PBO)
   - Process After Input (PAI)
   - Process on value request (POV)
   - Process on help request (POH)
4. Include Programs in MPP
5. Dynamic Screens-Leave screen, leave to Screen, Call Screen, Set screen
6. Elements in screen Layout (Tables Controls, Step Loops, Tab Strip Controls and Sunscreens)

Batch Data communication
1. BDC Introduction
2. Recording
3. BDC Methods (Call Transaction Method and Session Method)
4. Handling Tables Control in BDC
5. Legacy system Migration Workbench
   - Different Methods
   - Flat file creation
   - Uploading data
6. File Handling
   - Application Server
   - Presentation Server

SAP Scripts

1. Introduction to Scripts
2. Components of SAP Scripts (Header, Pages, Windows, Page windows, Paragraph format, Character Format)
3. Types of Windows
4. Design of Layout, standard text, output program
5. Upload/Down load scripts
6. Script Utilities and Debugging Technics

Smart Forms

1. Introduction to Smart Forms
2. Graphics and style Management

3. Design Layout, Working with Nodes and Print Program
4. Design Layout with Different windows

CROSS APPLICATONS

RFC

1. Introduction to RFC
2. Creating of RFC
3. Asynchronous and Synchronous Communication
4. Creating RDC destination of target systems

BAPI

1. Introduction to BAPI
2. Difference B/W BAPI and PRFC
3. Real time scenarios to handle the BAPI programs

IDOC

1. Introduction to IDOC
2. Types of IDOCs
3. Crating of Segments, IDOC and Message types
4. Linking the Segments, IDOC and Message types
5. Crating Port and Partner Profile
6. Crating programs for inbound ad outbound
7. Miscellaneous Topics

User EXITS

1. Overview of User Exits
2. Types of user Exits
3. Real time scenarios to handle the Exit programs

BADIS

1. Introduction to BADI
2. Difference between BADI and User Exit
3. Types of BADI Implementations
4. Real Time Scenarios to Handle the BADI programs

Enhancements Spots

1. Introduction to Enhance Spots

2. Types of Enhancements
3. Real time scenarios to handle the Enhancements spots

BTE

1. Introduction to BTE
2. Real time scenarios to handle the BTE

OOABAP

1. Introduction to OOABAP
2. Difference between OOABAP and Other Programming
3. Class (Global Class, Local Class)
4. Objects (Implicit & Explicit Objects)
5. Methods (Static And Instance Method)
6. Constructors (Static and Instance Constructors)
7. Destructors
8. Inheritance
- Single Inheritance
- Multi-Level Inheritance
- Multiple Inheritance

9. Polymorphism (Methods Overloading & Method Overriding)

10. Super Keyword

11. Abstract Method, Abstract Class, Interfaces, Aliases, Final Class, Final Method, Friend Class, Single Ton Class

12. Type Castings
- Narrow Casting (Up-Casting)
- Wide Casting (Down – Casting)

13. Events

14. ALV Reporting in OOABAP

HR ABAP

1. Introduction to HR-ABAP
2. Overview on HR Flow and Process
3. Difference B/W ABAP and HR ABAP

4. Logical Data Base and Report Category
5. Time Constants
6. Relationships of Objects
7. Creating the simple Programs
8. Enhance standard Infotypes & Creating Custom infotypes
9. Design payroll Reports using MACROS
10. Over view on the standard infotypes
11. Real Time Scenarios HR ABAP programs
12. Miscellaneous Topics

WEBDYNPRO

1. Introduction to WEBDYNPRO
2. UI elements
3. Controllers
4. Mappings and Windows
5. Programming Interfaces and Classes
6. Floor Plan Manger (GAF, OIF), events and coding (building Blocks)
7. ALV Integration Concepts
8. Componentization
9. Interactive Adobe Forms
10. Miscellaneous Topics

ADOBE FORMS

1. Introduction to Adobe Forms
2. Online forms and offline forms
3. Interactive Adobe forms

WORKFLOW

1. Introduction to Workflow
2. Design of simple workflow
3. Designing of workflow with Multiple Task
4. Real time Scenarios to handle the workflows
5. Miscellaneous Topics