

ADVANCE ABAP/4

TOTAL DURATION: 80HRS

1) INTRODUCTION TO SAP

- SAP System Environment
- Type of SAP server
- How to start & how to stop of sap server
- IMG activity configuration activity
- Table maintenance
- Online support system

2) ASAP METHODOLOGY

Phases of project

- Project preparation
- BBP (Business Blue Print)
- Configuration /customization
- Final preparation
- Go live

3) INTRODUCTIONS TO OBJECT ORIENTATION OO-CONCEPTS

- Data Abstraction
- Encapsulation
- Inheritance
- Polymorphism
- Events

4) WORKING WITH LOCAL CLASSES

- Define & implement classes
- Define & implement method
- Inheritance
- Interfaces
- Events

5) ABAP OOPS

- Fundamentals of OOPS.
- Introduction to Local classes and methods
- Importance of Public, Private and Protected sections.
- Simple reporting using local classes and methods.

6) GLOBAL CLASSES AND INTERFACES

- Usage of global classes in the reports.
- Define & implement classes
- Define & implement method
- Inheritance
- Interfaces

7) ALV REPORTS

- Introduction.
- Types of ALV.
- Purpose of ALV.
- Simple report to display simple ALV List using Function Modules.
- Simple report to display simple ALV grid using Function Modules.
- Classical ALV Reports.
- Interactive ALV Reports.
- Working with OOALV using classes (List, Grid).

8) BAPI AND BUSINESS OBJECTS

- Introduction to BAPI
- Overview of Business Objects.
- BAPIs in detail
- Advantages
- Characteristics
- Standardized BAPIs
- Calling BAPIs
- From Non-SAP
- From SAP
- Custom BAPIs
- Design
- Implementation
- Step By Step Approach followed to create BAPI
- RFC destination.
- Working with RFC function modules

09) ENHANCEMENTS

- Introduction to enhancements.
- Different Ways of doing Enhancements.
- Enhancement types
- Customer Exit
- Screen Exit
- Menu Exit
- User Exits.
- Function Module Exit
- Overview on Enhancement Spots,
- Enhancement Section,
- Enhancement Implementations
- Class Enhancements

10) BADI

- Introduction to BADIs
- BADI Views

- Locating BADIs
- How to implement BADIs
- Functional BADIs
- Menu BADIs
- Screen BADI

11) IDOCS

- Concepts of IDOCS.
- Structure of IDOCS and Types. • Creation of segments
- Creation of IDOCS.
- Using standard message types
- Communication settings
- Custom IDOC
- Connection
- Trouble shooting & Recovering

12) ALE

- Defining logical systems used for ALE interfaces.
- Outbound / Inbound processing.
- Filtering
- Transferring of master data from one system to another system.
- Distribution modal view.
- IDOC Programming / Custom IDOCS.

1) Regular Classes

Duration: 30 -35 days

2) Weekend Training Classes

Duration: 8-10 Weeks

3) Fast Track Training Program

(5+ hours daily)

Duration: within 15 days

