

ASPIRE TECHSOFT PVT. LTD.

ISO 9001: 2015 Certified Training Institute

Advance ABAP

Batches: Weekdays/Weekend

1. What is Object Orientation

- Introduction
- Advantages of OOPs
- Data Abstraction
- Encapsulation
- Inheritance
- Polymorphism

2. Form Function Groups to CLASSES

3. Object Oriented Concepts In Details

Types of Classes and Methods
Define and Implement
Global Classes And Methods
Local Classes and Methods
Constructor
Visibility Sections

4. OOPs Application – BDC Programming

- Develop a Common Global Class for BDC
- BDC Program Using BDC Class
- The Same Class and Program through Local Classes

5. Inheritance

- Global Class for Session method from Common BDC Class

- BDC Program
- Inheritance Using Local & Global Classes

6. Polymorphism

- Interfaces – Polymorphism
- Defining and Implementing
- Global Interfaces
- Local Interfaces

7. Events

- Defining, Triggering (Raising)
- Handling

8. ALV using Objects Oriented

- Simple ALV
- Interactive ALV
- Adding Custom Functionalities (Buttons)
- Changing, Enhancing Standard Functionality
- Coloring Rows, Columns and cells
- Exception ALV

9. Enhancements & Enhancements SPOTs Customer/ User Exits

- Locating Exits
- Implementing Exit
- Function Module Exits
- Screen Exits
- Menu Exits

10. BADIs in Details

Features of BDIs

Differences between Exits and BADIs

Implementation BADIs

Function BADIs

11. Cross Applications ALE IDOCs

EDI & ALE

- What data can be exchanged?
- Components of ALE
- Message Types & IDOC Types in detail
- Basic configuration Elements
- Logical System & Partner Profile
- Architecture of Inbound & Outbound

Process

- Outbound & Inbound Processing
- IDOC Filtering
- Custom IDOC
- Extended IDOC
- Standard IDOC
- Code Conversions
- ALE Monitoring
- Debugging and Error Handling
- Serialization
- Change pointers
- Mass processing of IDOCs