

# ASPIRE TECHSOFT PVT. LTD.

**ISO 9001: 2015 Certified Training Institute**

## **Advance ABAP**

**Duration: 60 hours**

**Batches: Regular/ 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**

#### **8.1. ALV using Function Modules**

- Classical ALV
- Interactive ALV
- Blocked ALV
- Hierarchical ALV
- Field catalog

#### **8.2. 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**

- 1. Locating Exits**
- 2. Implementing Exit**
  - Function Module Exits
  - Screen Exits
  - Menu Exits

## **10. BADIs in Details**

Features of BADIs

Differences between Exits and BADIs

Implementation BADIs

Function BADIs