Target Audience: Course content is designed for ABAPer who is looking to excel their ABAP to next level. We are going to cover all the topics which any ABAPer required on daily basis to write any codes. We are going to cover OOPs ABAP for RICEF developments and also what Senior consultants work in the same SAP environment for quality work.

SAP ABAP TRAINING

	Local Classes, Global Classes, Methods, Class, Encapsulation, Inheritance, Polymorphism, Interfaces, Field-symbol, Events, Exception Handling, Factory methods etc.
	Debugging windows options,ABAP commands,breakpoints,messages etc.
	Create a smartforms, Smart Form with Graphic window, Address Window, Sending Mail process with Smart Form etc.

Only half of programming is coding. The other 90% is debugging.

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Advanced ABAP

Phase 1 **Object Oriented ABAP**
- ABAP Programming
- Local Classes, Global Classes, Methods
- Class, Encapsulation, Inheritance, Polymorphism….
- Interfaces, Field-symbol,Events,Exception Handling

Phase 2 **ALV reports with OOPS**
- All Factory Methods

Phase 3 **SmartForms**
- Creation of smart form with different Window Types
- Passing Parameters into Smart Form
- Smart Form with Database using Tables
- Smart Form with Derived Fields to perform Calculations
- Smart Form with Table Format Output.
- Smart Form with Graphic window, Address Window
- Calling Smart at Runtime using Module Programming by passing Parameters
- Smart Form at runtime to export report output into Client independent
- Sending Mail process with Smart Form

Phase 4 **BAPI(Business Application Programing Interface)**
- Third Party Clients API programming functions.
- Creation of BOR Objects using Remote Function modules, Remote Function call system
- Executing BAPI into Microsoft Visual basic.net technologies

Phase 5 **BDC(Batch Data Communication)**
- Overview of BDC
- Methods of BDC
- Call transaction method
- Session method
- Recording method

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- Working with foreground and background techniques

Phase 6 **BADI(Business Add-Ins)**

- API application programming Interface.

- Add-Ins Programming

- User Exits, Menu Exits, Function Module Exits

Phase 7 **IDOC (Intermediate Document)**

- Introduction of IDOC

- Architecture of IDOC

- Creation of Field Type

- Creation of Segment

- Creation of IDOC

- Creation of Message Type

Phase 8 **Additional Topics**

- Authorizations Objects

- Charm Process

- Debugging - New and Old Debugger

- Batch Jobs

- Form Routines

- SAP Notes Implementation

- How to Prepare TDD

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THANK YOU

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