Duration: 30+ Hours – A promise of no copy paste

Core Application Program programming training

> *Target Audience:* Technical Consultants / Application Program Consultants, who wants to excel in workflow, Functional Consultants, who would like to know about workflow, Non - Technical Experts, Professional/ Students.

Unit 1: R/3 Fundamentals

- 3 tier Architecture
- NetWeaver basics
- ERP terms
- Application Server Fundamentals: Work processes and Dispatcher

Unit 2: Application Program Dictionary Concepts

- Tables, Data Elements and Domains
- Transparent, Pooled and clustered tables
- Buffering, Indexes etc.,
- Structure, Table types and Type pools
- Views, Search helps and Lock object

Unit 3: Application Program Programming Basics

- Data Types, Variables, Types, Operators, Expressions etc
- I/O Statements, Formatting commands
- Conditional statements, Loops and termination statements
- String and Date operations and System fields
- Fields Strings and Text Elements
- Internal Tables (All Operations)
- Types of Internal Tables (Standard, Sorted and Hashed)
- Joins, Nested selects Sub queries and For All Entries etc
- Open SQL statements and performance issues
- Messages (Creating and Calling etc.,)
- Modularization (Subroutines, Function Modules, Macros and Includes)
- Field Symbols
- Revision
- Debugging programs (Break Point, Watch points etc)
- Extended syntax check, Runtime Analysis, Performance Trace

Say no to trainer who only teach copy-paste of code

Unit 4: Reports

- Classical Report Events
- Control Level Commands (AT First, AT New etc).,
- Selection Screen: Parameters
- Select –options and variants
- Selection screen designing (Blocks, Pushbuttons, Radio buttons etc)
- Interactive report events
- Menu painter: Designing and calling GUI Status
- Hide, Read Line, Get cursor, Modify line, Window etc., statements
- System fields of reports
- ALV reporting

Unit 5: Dialog Programs

- Screens, flow logic events and Module pool
- Basic Screen elements (I/O field, Radio buttons and Check box etc.,)
- Maintaining screen sequences (Set screen, Call Screen and leave to screen)
- Field checks (Automatic, flow logic and module pool)
- Calling Programs (Submit, Call Transaction, Leave to list processing)
- Sub screens and modal Screens
- Table Controls, Step loops and Tab strips

Unit 6: File Handling

- Local Files (Upload, Download etc)
- BDC session method (Creating, Processing, Analyzing and Correction errors in Sessions)

Unit 7: Enhancements

- BADI

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Unit 8: RFC

- Introduction of RFC
- Communication mechanisms through RFC
- Application Program interfaces (RFC)

Unit 9: BAPI

- Business Objects
- Creating Business Object types
- Developing BAPIs
- Working with a standard BAPI

Unit 10: Basics of Object-Oriented Application Program