SAP ABAP TRAINING SYLLABUS

SAP Architecture

- SAP Architecture understanding, Technical Component Involvement

ABAP Standard tables and Dictionary Concept

- Domain, Data Elements, Structure Table Views, Table Types and Search Help along with Practical usage
- Lock objects along with practical scenarios and implementation approach
- Database tables Transparent, Pool and Cluster with business case implementation

ABAP Programming Basics

- Basic programming Skills
- ABAP programming basics
- Internal table concepts and practical usage
- Modularization Techniques with include, Subroutine, function module and macros
- Object oriented ABAP with Practical implementation
- Real Time Coding standards used in MNC
- OOABAP Concept like Encapsulation, inheritance, Polymorphism &Abstraction with technical implementation

New Syntax

- New Syntax – Tables expression, Inline Declarations String Templates, FOR Loop Expressions, Conditional Logical with SWITCH and COND SQL Enhancements for Database Access, internal Tables and APPEND statement.

Reporting in ABAP

- Classical Report
- ABAP list viewer CALV Report
- Reports using OOPS Concept

Smart Forms

- Introduction to forms and designing for screens
- Coding and complex scenarios in smart forms Batch Data communication

Batch Data Communication BDC Programming

- Direct Input, call transaction Method, session Method

Data migration strategies

- LSMW
- Other technologies overview

Cross Applications

- RFC
- BAPI

Enhancements techniques and usage

- Standard way enhancing technical object considering business requirements and dependency
- Implicit and Explicit Enhancements
- User Exit and Customer Exit
- BADI implementations

ABAP Objects Additional topics

- Debugging
- Runtime Analysis
- SQL Trace