

# **SAP ABAP course structure.**

## **SAP ARCHITECTURE.**

- ABAP in the SAP R/3 System.
- Architecture of SAP R/3 Applications.
- Database Layer.
- Application Layer.
- Presentation Layer.
- Work Processes.
- Work Processes.
- Screen Processor.
- ABAP Processor.
- Types of Work Process.
- Program Flow and Program Types.
- Flow of ABAP Programs.
- Executable Programs.
- Non-Executable Programs.

## **STRUCTURE OF AN APPLICATION PROGRAM.**

- Flow logic.
- Processing logic.
- Structure of ABAP programs.
- Container for processing Blocks.
- Calling processing Blocks.

## **PROGRAM TYPES AND EXECUTION.**

- Different types of ABAP programs types and execution.

## **ABAP BASICS.**

- ABAP Development workbench.
- ABAP language Basics.
- Data Types.
- Conditional Statements.
- Iterative Statements/Loops.

## **ABAP DATA DICTIONARY.**

- Tables.
- Technical settings of tables.
- Data class.
- Views.
- Types.
- Data elements.
- Structures.
- Table type.
- Domain.
- Search help
- Pooled and clustered tables.
- Table clusters.
- Open SQL.

### **INTERNAL TABLES.**

- Declaration.
- Internal table operations.
- Internal table events.

### **MODULATIZATION.**

- Subroutines.
- Function modules.
- Source-code modules.
- Declaration syntax.
- Calling mechanism.

### **SCREEN PAINTER AND MENU PAINTER.**

- Screen painter transaction.
- Components of screen painter.
- Creating screens.
- Menu painter transaction.

### **BATCH DATA COMMUNICATION.**

- Direct Input.
- Call transaction.
- Batch input and direct input.
- Recording methods.

### **REPORTS.**

- Classical reports.
- Interactive reports.
- Report using ABAP-query.
- Logical databases
- User group.
- Functional area.
- Functional group.

### **SAP SCRIPT.**

- Pc-Editor.
- Line editor.
- Sap script symbols.
- Graphics.
- Control commands.