

ERP ABAP/4



CURRICULUM

INTRODUCTION OF ERP/SAP WORLD

» ERP OVERVIEW

- Introduction to ERP (ENTERPRISE RESOURCE PLANNING)
- ERP Specification
- ERP System
- Types of ERP Packages

» SAP OVERVIEW

- Introduction to SAP (SYSTEM APPLICATION & PRODUCTS IN DATA PROCESSING)
- SAP Vs Non SAP Products

STARTING WITH SAP BASICS

» SAP R/3 ARCHITECTURE

- Logical View
- Software Oriented View
- Advantages of Multi tier Architecture
- Presentation Servers
- Application Servers
- Database Servers
- Work Process
- Roll Area
- User Context Area

STARTING WITH ABAP BASICS

» INTRODUCTION TO ABAP/4

» DATA TYPES

- Predefined Types
- Complex types
- Reference Types

» FIELD SYMBOLS

» DECISION AND CONTROL STRUCTURES

PLAY WITH DATABASE

» COMPONENTS OF ABAP DICTIONARY

- Database Tables
- Data Elements
- Domain

» VIEWS

- Database View
- Projection View
- Maintenance View

» STRUCTURES

- Include
- Append

» DATA TYPES

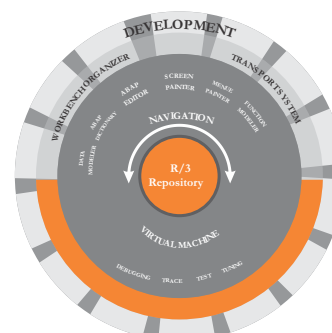
- Type-Pools

» SEARCH HELPS

- Elementary Search Help
- Collective Search Help

» LOCK OBJECTS

- Shared Lock
- Exclusive, Cumulative
- Exclusive, not Cumulative



PROGRAMMING

» INTERNAL TABLES

- Types of Internal Table
- Creating and Processing of Internal Tables

» STATEMENTS TO ACCESS INTERNAL TABLE

- Append
- Append lines
- Insert
- Insert lines
- Move
- Sort
- Read
- Loop at/ Endloop
- Free
- Clear
- Refresh
- Delete
- Append sorted by
- Modify
- Collect, etc...

» CONTROL BREAK EVENTS

- At first/endat
- At last /endat
- At new /endat
- On change of.... /Endon
- Sum

» DATA RETRIEVAL

- Select Statement
- Using the Select Statement for Single Line
- Using the Select Statement for Several Lines
- Using the Select Statement for Internal Tables, etc...
- Tables / Internal Table Operations, etc.

» JOINS

- Inner Join
- Outer Join

» MODULARIZATION AND INTER PROGRAMMING COMMUNICATION

- Macro
- Include Programs
- Sub Routine
- Function Module

REPORTING OR LIST

» REPORTS AND EVENT HANDLING

- Classical Reports
- Interactive Reports

» REPORT STATEMENTS

- Line-Size
- Line-Count
- Message and Message Classes
- Page Heading
- Report Comment Statement
- No Standard Page Heading, etc...

» CREATING REPORTS TRANSACTIONS

» SELECTION SCREENS

- Parameters
- Select-options

REPORT EVENTS

- INITIALIZATION
- AT SELECTION-SCREEN
- START-OF-SELECTION
- END-OF-SELECTION
- TOP-OF-PAGE
- END-OF-PAGE
- AT LINE-SELECTION
- TOP-OF-PAGE DURING LINE-SELECTION
- SET PF-STATUS
- AT USER-COMMAND, etc.

DATABASES ACCESS

» DATABASES ACCESS

- Open SQL
- Native SQL

» SAP/ABAP QUERY

- INFOSET Generation
- User Group Generation
- Query Generation
- Single Node
- Multiple Node

» QUICK VIEWER

DIALOGS OR SCREENS

» USER DIALOGS (SCREEN PAINTER)

» SCREEN TYPES

- Normal Screen
- Sub Screens
- Selection Screen

» SCREEN COMPONENTS

- Radio Buttons
- Input - Output Buttons
- Push Buttons
- Labels
- Flow Logic
- Layout
- Table Control
- Tab Strip
- Transactions Code, etc...

» MENU PAINTER

- Create GUI Status
- Create a Menu Bar for a Screen
- Define Functions Keys
- Create Application Toolbar for a Screen, etc.

DATA CONVERSION TECHNICAL & FUNCTIONAL

» DATA CONVERSION TECHNIQUES

» BATCH DATA COMMUNICATION (BDC)

- Direct Method
- Call Transaction Method
- Session Method

» FUNCTIONS CALLING

- UPLOAD
- WS_UPLOAD
- GUI_UPLOAD, etc...

» LEGACY SYSTEM MIGRATION WORKBENCH (LSMW)

SAP FORM PAINTER

» SAPSCRIPTS

- Introduction
- Layout Sets
- Header
- Pages
- Window
- Page Window
- Paragraph Format
- Character Format, etc...

» SMART FORMS

- Introduction
- Layout
 - Form Attributes
 - Form Interface
 - Global Definition
- Page Window
- Styles, etc...

» DEBUGGING

PROJECT ASSIGNMENT & FULL LIFE CYCLE IMPLEMENTATION PROGRAM

» PROJECT AND ASSIGNMENT

» LIFE CYCLE IMPLEMENTATION OF SAP

- Functional Requirements
- Technical Requirements
- Business Blue print
- Gap Analysis
- Business Process Re-engineering

» POST IMPLEMENTATION

» MAINTENANCE AND SUPPORT

» PROJECT PLANNING

- Project Start
- Analysis
- Design
- Design Freeze / Client Sign-Off
- Development
- Testing
- Implementation
- Project Completion
- Training
- Customization
- Support

» ROLES AND RESPONSIBILITIES

CROSS APPLICATION OVERVIEW

» INTRODUCTION TO CROSS APPLICATIONS

- RFC (Remote Function Calling)
- IDOC (Intermediate Documents)
- ALE (Application Link Enabling)
- USER EXITS (Enhancement)
- BADI's
- ALV (ABAP List Viewer)
Use of BAPI Implementation

WORKFLOW

- » WORK FLOW of SD (SALES AND DISTRIBUTION)
- » WORK FLOW of MM (MATERIAL MANAGEMENT)
- » WORK FLOW of FICO (FINANCIAL AND CONTROLLING)
- » WORK FLOW of PP (PRODUCTION PLANING)
- » WORK FLOW of HR (HUMAN RESOURCE)

USPs

» BOOKS & CD

» INTERVIEW FAQ's

» QUESTIONNAIRE

» PROJECTS

» LABS

- 24x7 Lab Facilities

» UPDATED COURSE CONTENT

» COURSE CERTIFICATE

» CONFIRMATION LETTER, TRAINING LETTER, PROJECT LETTER

- For degree pursuing candidates to submit in colleges

» CONSULTANTS / FACULTIES

- Best in the industry also taking corporate batches of companies like:
CSC, XANSA, HCL, WIPRO, IBM, PATNI & many more...

» INDUSTRY COLLABORATION & AWARENESS FROM

- Bangalore, Hyderabad, Pune, Mumbai, Kolkata, Chennai & Delhi NCR

» TECHNICAL EXPERTS FROM INDUSTRY IN DIFFERENT DOMAINS

- IBM, XANSA, HCL, CSC & many more...

» 100% JOB ASSISTANCE

- Resourcing through consultancy services
- Outsourcing
- Regular Walk-Ins
- Exclusive Walk-Ins For DUCA Tiens
- Campus Interviews
- Resume Updations
- References

» World Class Ambience

» Hi-End Infrastructure

» Affordable and Easy Installments on Course Fee

Partners :



Java



development | consultancy | training

E-mail: info@ducatindia.com

Visit us: www.ducatinidia.com

www.facebook.com/ducateducation

NOIDA

A-43 & A-52, Sector-16,
Noida - 201301, (U.P)INDIA
Ph. : 0120-4646464
Mb. : 09871055180

GURGAON

1808/2, 2nd floor old DLF
Near Honda Showroom,
Sec.-14, Gurgaon (Haryana)
Ph. : 0124-4219095-96-97-98
Mb. : 09873477222-333

GREATER NOIDA

F 205 Neelkanth Plaza Alpha 1
commercial Belt Opposite to Alpha
Metro Station Greater Noida
Ph. : 0120-4345190-91-92 to 97
Mb. : 09899909738, 09899913475

GHAZIABAD

1, Anand Industrial Estate,
Near ITS College, Mohan Nagar
Ghaziabad (U.P)
Ph.: 0120-4835400...98-99
Mb. : 09810831363 / 9818106660
: 08802288258 - 59-60

FARIDABAD

SCO-32, 1st Floor Sec.-16,
Faridabad (HARYANA)
Ph. : 0129-4150605-09
Mb. : 09811612707