

**SOFTCRAYONS**  
Tech Solution Pvt. Ltd



### **Practical Training Program Branch - Ghaziabad,Noida**

- » Graphic Designing
- » Programming
  - Python - Java - PHP ++
  - C++ - C - Ruby On Rails
  - Perl
- » Web Designing
- » Networking - CCNA
  - CCNP- MCITP - MCSE
  - Hardware
- » CAD- CAM-CAE
  - Autocad for Civil
  - Autocad for Electrical
  - Autocad for Mechanical
  - Catia V5 / Staap PRO/
  - Revit / Revit Structure
  - Revet Architecture / Soliworks
  - PRO E / CREOC(Fr - Designers)
  - 3D Max / Inventor / Ansys / Vray
- » Digital Marketing
- » Android Application
- » Sap - ERP - ABAP
  - Erp Basis / Erp-Bi
  - Erp-Bo / CRM/ HR/HCM / MM
  - PP / Controlling / Hana / SCM
  - Finance
- » Software testing
  - Manual testing
  - Automation - testing
  - QTP - Selenium
- » MS Office
- » Tally With GST
- » 1 Angular Js / 2 Angular
  - 3 Angular / 4 Angular
- » Vmware

## **Module 1 .INTRODUCTION TO ERP AND ABAP/4 LANGUAGE**

- Overall introduction to ERP
- Introduction ERP R/3 architecture, Introduction to ERP SAP ABAP/4
- ABAP/4 editor (Focus on the functionalities of new ABAP editor)
- Data types
- Output statements
- Writing small programs
- Arithmetic operations
- String operations
- Control statements

- Parameters
- Open SQL –statements {insert, modify, delete, update}.
- Simple reporting
- Selection screens
- Transaction code creation
- Data Dictionary
- Tables
- Data element
- Domain
- Structures
- Search helps
- Views
- Type Groups
- Table maintenance generator and T-code creation
- Primary and foreign keys.
- Check and value tables.

## **Module 2 .REPORTING**

- Debugging techniques
- Breakpoint creation.
- Watch point creation.
- Emphasize on the usage of New Debugger.
- Internal tables
- Declaration
- Processing.
- Population.

- Control Break Statements.
- Modularization techniques.
- Includes.
- Subroutines.
- Function modules.
- Macros
- Variants.
- Conversion exits.
- For all entries and joins {inner and left outer}.
- Message class creation & message types and handling messages.
- Events for classical reports.
- Events for interactive reports.
- Hide and hotspot.
- Creating and handling buttons.
- Menu painter.

### **Module 3 .ABAP OOPS**

- Fundamentals of OOPS.
- Introduction to Local classes and methods
- Importance of Public, Private and Protected sections.
- Simple reporting using local classes and methods.
- Global classes and interfaces.
- Usage of global classes in the reports.

### **Module 4 .ALV**

- Introduction.
- Types of ALV

- Simple report to display simple ALV List using Function Modules
- Simple report to display simple ALV grid using Function Modules.
- Interactive ALV Reports.
- Working with OOALV using classes (List, Grid).

## **Module 5 .DIALOG PROGRAMMING**

- Introduction to screen painter and dialog programming.
- Flow logic
- PAI.
- PBO.
- POV.
- POH.
- Screen designing.
- Programming in object browser.
- Field validations.
- Creation of
- Table Controls.
- Tab Strips.
- Dynamic Screen.
- Call Screen.
- Set Screen.
- Leave to Screen.
- Leave Screen.
- Processing of list from transaction and vice versa.
- Screen table and its fields.
- Lock objects.

## **Module 6 .INTERFACE PROGRAMMING**

- Why Data Transfers
- Introduction to BDC.
- File Handling.
- Presentation server.
- Application server.
- Recordings.
- Methods in BDC.
- Call transaction.
- Session method.
- Error Handling in Call Transaction.
- Legacy System Migration Workbench (LSMW)
- Different methods.
- Steps to Create an LSMW Project.
- Flat file creation.
- Uploading data.

## **Module 7 .ERP Scripts**

- Introduction.
- Layout Sets.
- ERP Script Elements.
- Modifying standard layout sets (by using subroutines).
- Including logo.
- ERPscript Control Commands.

## **Module 8 .SMARTFORMS**

- Working with smart forms.

- Standard Texts.
- Graphics management.
- Writing print program and designing layouts.
- Output type configuration to standard orders.

## **Module 9 .ADOBE FORMS / INTERACTIVE FORMS (PDF)**

- Introduction

## **Module 10 .MISCELLANEOUS TOPICS**

- ERP System Landscape.
- Correction and Transport System (CTS).
- Transport Organizer.
- Workbench Request.
- Task Creation.
- Merging Requests
- Release Requests.
- ERP memory.
- SET/GET parameters.
- ABAP memory.
- Imports/ Exports.
- Logical Database and Handling Events (LDB).
- Field symbols.
- SD flow.
- MM flow.

## **Module 11 .FUNCTION MODULES**

- Concepts of Function Group.

- Different Types FMs.
- Concepts of FM interface.
- Concepts of Update Programs.

## **Module 12 .CROSS APPLICATION**

- Introduction to CA.
- RFC destination.
- Working with RFC function modules.

## **Module 13 .IDOCS**

- Concepts of IDOCS.
- Structure of IDOCS and Types.
- Creation of segments
- Creation of IDOCS.
- Using standard message types

## **Module 14 .ALE**

- Defining logical systems used for ALE interfaces.
- Outbound / Inbound processing.
- Transferring of master data from one system to another system.
- Distribution modal view.
- IDOC Programming / Custom IDOCS.

## **Module 15 .BAPI and Business Objects**

- Introduction to BAPI
- Overview of Business Objects.
- Step By Step Approach followed to create BAPI.

## Module 16 .ENHANCEMENTS

- Introduction to enhancements.
- Different Ways of doing Enhancements.
- User Exits.
- Introduction to BADI
- How to implement BADI
- Overview on Enhancement Spots, Enhancement Section, Enhancement Implementations and Class Enhancement

## Module 17 .ERP WORKFLOW

- Introduction of ERP WORKFLOW.
- Introduction of different elements of Workflow.
- Introduction to concepts of Binding.
- Introduction to Business Object Events
- Simple practical examples of ERP Workflow

### Deployment

1. Deploying using Github
2. Angular2 Hosting Options
3. Hosting Angular App on cloud server Heroku

### Batch Timings –

Days	Class Duration	Course Duration
Monday-Friday	2 Hours	1 Month
Saturday & Sunday	3 Hours	1.5 Months
Sunday	4 Hours	2 Months

Regards,  
SoftCrayons Tech Solutions





8545012345 | 0120- 426223

hr@ SoftCrayons.com

[www.softcrayons.com](http://www.softcrayons.com)

**Get in Touch**  
**8545012345**