Module/Topic	Objectives	Duration for SAP ABAP LOT(days)
ABAP Part I - Module 1 - 9 Days		
R/3 Architecture	Know the meaning of ERP and SAP Understand the R/3 system Understand the Basics of SAP Log on to SAP and do the Basic Navigations	0.5
ABAP Programming	Understand The Need for ABAP Know the types of ABAP/4 Programs Create Reports Write the Program Code Test the Program Know ABAP/4 Language Elements Combine similar statements to one statement Illustrate Defining Data Types and Data Objects Recognize the System Variables	1
Selection Screens	Use various additions of parameters, Create a selection screen using the selection screen and select options	0.5
control statements and string operations	If Statement and Case Statement The exit Statement The do and the While statement The continue and Check statement Use the following in string handling Shift Translate Find Strlen Condense Concatenate Split	0.5
Internal Tables	To Define an Internal Table and understand its attributes Types of Internal Tables To Add, Read, Update and Delete Data from an internal Table To Sort the Contents of an Internal Table Control break statements on Internal Table	1.5
DDIC	Use Data Dictionary to maintain Database Objects Work with Domain Data Elements Tables Structures Table Types Views Search Helps Lock Objects	2
Reporting Events	Classical and Interactive Events	1.5
Modularization Techniques	Subroutines Functions	1
ABAP Part I - Total		**8.5**

ABAP Part I - MPT		0.5
ABAP Part II - Module 2 - 8 Days		
Module Pool	Introduction to Module pool programming. Tools for developing Module pool programming. Screen Painter Flow Logic Types of Events : PBO,PAI,POH and POV GUI status Messages Screen Commands Table controls and Tab strips with a wizard	3
OOABAP	OOPS Concepts ABAP Objects Creating & Accessing objects Constructor Inheritance Interfaces Events Exceptions	2
ALV and OOALV	Control Framework ALV Grid Non Event Based Functionality Event Based Functionality	2
File Handling	Introduction to file handling File Handling Presentation Server File Handling Application Server Archiving	1
ABAP Part II - Total		**8**
ABAP Part III - Module 3 -9 Days		
Conversion Techniques	Data Migration Overview Call by Session Method Call by transaction method Direct Input Method	2
Enhancement and Modification	Changing the SAP Standard System Personalization Enhancements to ABAP Dictionary Elements Enhancements Using Customer Exits SAP Modifications	2
Smart Forms	Overview Architecture Configuration SAP Form Builder Texts, Addresses and Graphics Data in Forms Tables and Templates Flow Control Integration into Application Programs Fonts and Bar Codes Overview on form triggering via output types	2

AdobeForms	Overview Architecture Interface Context Designer Layout Scripting in the Form Integration into ABAP Programs	2
Performance Tuning	Brief overview of different performance analyzer tools SE30 SAT ATC ST05	0.5
Transport	Basics of Transport control Transport with Import Queue Procedure of Mass or Single Import Transport Strategy Transport Organizer Types of Requests	0.5
ABAP Part III - Total		**9**
HANA - Module4 - 8 Days		
Introduction	Introduction to SAP HANA Evolution of ABAP For SAP HANA HANA Architecture SAP In-Memory SAP HANA Database Concepts Row Store Column Store Database Compression Code Pushdown Data Provisioning	1
Taking ABAP to SAP HANA	Introduction Optimizations for the SAP HANA Database Planned Support for Optimization Providing Access to SAP HANA Through ABAP-Based Applications Enabling ABAP to Run on SAP HANA Optimizing ABAP for SAP HANA The New Enhancement Package for SAP Net Weaver AS ABAP Migration of ABAP code to SAP HANA Performance Checks	1
SAP HANA Studio or Eclipse	Basics of SAP HANA-STUDIO HANA Client Workflow SAP HANA Studio Views System Environment - Catalog and Content SAP HANA Studio Perspectives Modeler Perspective Development Perspective Data Provisioning Editor and Table Administration Administration Perspective Security Administration Links and Shortcuts Overview on Native HANA application development	0.5

HANA specific code- to- data	Native SQL Syntax ABAP database connectivity (ADBC)	1
Calculation View - Scripted	Writing the Script for Scripted Calculation View Querying Calculation Views in SAP HANA Studio	0.5
Database independent code –to-data	Introduction to OPEN SQL Features of OPEN SQL New OPEN SQL Syntax New Features of OPEN SQL List of OPEN SQL Statements in SAP ABAP Performance Rules of OPEN SQL Limitations of OPEN SQL	1
Introduction to CDS	CDS in ABAP CDS View Definition Features	1
ABAP List viewer with Integrated database access - ALV IDA	ABAP List viewer with Integrated database access (ALV IDA	0.5
ABAP-managed database procedures	ABAP-managed database procedures	0.5
ABAP New syntax (SAP NW 7.4 onwards and features of 7.5)	Inline data declaration Explicit type declaration Standard internal table declaration Sorted internal table declaration Internal table with more components How to work with Deep structure MOVE-CORRESPONDING for Internal Tables Table expressions GROUP BY for Internal Tables FILTER expressions INNER JOIN NEW keyword for creating Objects CONVERSION_EXIT_ALPHA_INPUT/OURPUT Using SWITCH statement	1
HANA - Total		**8**
Total		**34**

Others

Discover (Induction)		0
Soft Skills Day 1		1
Soft Skills Day 2 & 3		1
Soft Skills Day 4 & 5		1
Soft Skills Day 6		1
ABAP Part I and II Project		3
ABAP Part I and II Project Evaluation		1
ABAP Part III and SAP HANA Project		3
ABAP Part III and SAP HANA Project Evaluation		1
L1 Test + L1 Preparation		2
Others Total		**14**

Total Training Days		**48**

Remarks	Online Learning	Week
		1
		1
		1
Online Learn	0.5	1
Online Learn	0.5	
Online Learn	0.5	
Online Learn	0.5	
	2	

	1	
Online Learn		
	1	
Online Learn		
	2	

	0	

Online Learn	1	
Online Learn	0.5	
Online Learn	0.5	
	2	
	6	

Saturday