Unit 1: SAP Basis Introduction

1. Introduction to SAP R/3 Basis
   What is Basis?
2. Introduction to SAP R/3 Client/Server Technology and SAP R/3 Architecture
3. Roles and Responsibilities of Basis Consultants
4. Database Service, Application Services, Presentation Services
5. Introduction to OS Concepts
6. Introduction to SAP R/3 Hardware Concepts: The CPU
7. Introduction to SAP R/3 Hardware Concepts: Storage
9. SAP R/3 Networking issues

Unit 2: SAP Net weaver Architecture

- Architecture of SAP R/3 Application Server
- SAP R/3 Application Server Architecture
- Dialog Server
- Update Server
- SAP R/3 Work Process – Overview
- Managing SAP R/3 Work Processes
- NW Introduction
- Components of NW
- Core Architecture
- Application servers, Central Instance, Dialog instance
- ABAP and Java Stacks
- Message servers, Dispatchers
- WPs and the types
- System Landscape

Unit 3: SAP Components

- Core Component and functionality
- NEW Dimensional components and basis introduction of these functionality
- Modules of SAP components
- Roles in SAP application
- Basis introduction to ABAP and T-Codes
- Basis introduction to SAP technical work flow

Unit 4: Installation

- Layers of SAP Application
- Pre-requisites for SAP installation
- SAP installation
- DB installation
- Application server installation
- Front End installation
- Start and Stop SAP
- Post installation
- Hosts and Services files
- Directory Structure of SAP

Unit 5: Client Administration

- Client Concept
- Create clients
- Hosts and Services files
- Directory Structure of SAP
- Prerequisite for Client Copy
- SCCL and Client Export/Import, Copy Logs and monitoring of Client Copy

Unit 6: TMS, Support packs and Addons

- TMS introduction & configuration
- TMS functionality and methods to use
- Support packs and installation
- ABAP and Java Patching
- Kernel upgrade/Patching

Unit 7: General Administration

- Daily, Weekly and monthly monitoring the system health.
- T-Codes related to System monitoring.
- Background Jobs administration
- Spool architecture and administration
- Language installation
- Oss notes and SAP service market place
- SAP NET uses.
- Performance tuning methods and implantation.

Unit 8: Database administration

- 1. Oracle Database concepts
- 2. Monitoring Table spaces
- 3. SAPDBA/BR Tools
- 4. DB Activities and T-Codes

Unit 9: New Dimensional products

- Introduction to BW/BI.
- Installation of BW/BI and integration with ECC and other backend systems
- Introduction, installation of SCM and basis integration with ECC
- Introduction of CRM, SRM, XI, Portal etc and their integration

Unit 10: Types of R/3 Systems and System Landscape

- Development (DEV). Testing (QTST). Production (PROD)
- Single System Landscape
- Two System Landscape
- Three System Landscape
Unit 11: Transport Management System (TMS)
- TMS Domain
- TMS Domain Controller
- Transport Groups
- Transport Layer
- Transport Route
- Transport Directory
- Virtual Systems
- SAP R/3 Repository

Unit 12: SAP R/3 Administration Tasks – Database Analysis
- Size
- Free Space
- Growth History
- Statistics

Unit 13: SAP R/3 Installation
- Installing SAP