SAP – BASIS COURSE CONTENT

What is SAP?

- An introduction to ERP
- An introduction to SAP
- AP AG: Evolution & Strategy
- SAP Product Evolution
- SAP Services Overview (OSS)
- An introduction to BASIS
  Basics to startup with BASIS Administration
- An introduction to Operating Systems
- An introduction to Database Systems
- Overview of computer Networks
- Network types & devices
- Protocol & IP Address concepts
- An introduction to Kernel Software
  Description of R/3
- Client / Server Solution
- Overview of 3 layer interface
- Types of Client / Server Architectures
- An introduction to R/3
  The Architecture of SAP R/3
- Presentation Interface
- Application interface
- Database interface
- Overview of R/3 Architecture
- Overview of Dispatcher & Work Processes
- The concept of SAP Instance
  Landscape and Implementation Lifecycle
- Overview of Software Development
- Overview of SAP Landscape
- Landscape types
- Lifecycle Implementation concepts
  Installation and Guidelines

- Elements in SAP R/3 installation

- Installation requirement

- System sizing

- Installation File Systems

- Installation of RDBMS

- Installation of SAPInst tools

- Install central Instance

- Load Database

- Installation Database

- Installation of Presentation Layer

- Post installation Activities
  Working with SAP server

- Start & Stop SAP R/3 Server

- Directory Structures

- Overview of SAP MMC

- SAP & Oracle Environment Variables

- SAP Logon Pad configuration

- Overview of SAP License system

- Overview of Transaction & Dialog step
  Management of users

- Overview of user Administration

- Managing User Master Records

- Managing User Groups

- Mass User Management

- Managing Logged-on Users

- Central User Administration
  CCMS & Configurations

- Overview of System Profiles

- Overview of Operation Modes

- Overview of Background jobs

- Overview of Log-on Load Balancing

- Overview of Memory Management

- Overview of workload monitor

- Overview of Os Collector

- Overview of Performance Management

- Overview of alert monitoring

- SAP system Pro-Active Health checks
  The Authorization System in SAP R/3

- Overview of Authorization System

- Maintaining Authorizations

- Working with Profile Generator

- Crating Roles

- Maintaining Org. Levels

- User Information System

- Overview of Users & Authorization Tables

- System Profile Parameters for User
  SAP R/3 Client Management

- Overview of R/3 client

- Client Copy methods

- Client copy Requirements & Process

- Open / Close R/3 Client

- Overview of RFC

- Deleting R/3 Client

- Client Refresh

- Copying DB Tables among clients
  The Transport System

- Overview of change Transport System

- Transport System Concepts

- System Change Options

- Working with Change and Transport Organizer

- Overview of transport Management System

- Configuring Systems and Domains

- Configuring Transport Routes

- Distributing and Verifying configuration

- Overview of tp & R3trans

- Performing Transports with tp Program

- Overview of the Complete Process of Transporting
  Patch Management

- Overview of Support Packages, Plug-ins & Add-ons

- Types of Support Packages

- Downloading Support Packages

- Support pack Dependencies and Requirements

- Applying Support Packages, Plug-ins & Add-ons

- SAP R/3 Kernel Upgrade
  SAP Administration for Oracle Database

- Introduction to Oracle Database Architecture

- Oracle Directory structure for R/3

- Overview of physical Layer

- Overview of Logical Layer

- Introduction to Cost – Based Optimizer

- Introduction to SAPDBA & BRTOOLS

- Tablespace Administration

- Introduction to Database Reorganization

- Database Backup & Restore

- Database General Activities
  SAP Printing System

- SAP Spool system Architecture

- Introduction to SAP Access Methods

- Defining R/3 Printer Devices

- Managing spool Requests

- The SAPLPD Driver Program

- TEMSE object Database

- Troubleshooting printing problems
  General Administration Utilities

- Monitoring SAP Instances

- Monitoring System Work Process

- Managing User Sessions

- Managing Update Records

- Managing Lock Entries

- Managing R/3 System Logs

- Analyzing ABAP Dumps

- System Tracing Utilities

- Managing Batch Input Sessions
  Course Highlights

- WIN 2003 E.C.C 5.0

- NUX SOLMAN 4.0

- SAP BASIS Administration on windows 2003 & Linux Operating Systems

- SAP BASIS Administration on SAP R/3 4.7EE, Ecc5.0, Ecc6.0 and Solman 4.0.