

SAP Project System Course Content

Overview of the SAP Project Systems

- ❖ SAP Overview and the position of SAP PS in PLM environment and Navigation.
- ❖ Introduction to SAP Project Systems and discussions on different Project Types.
- ❖ SAP Organizational Hierarchy and its related integration with other Modules

Complete discussions on the Project Phases.

- ❖ a) Concept phase
- ❖ b) Rough Cost planning Phase
- ❖ c) Detailed Cost planning Phase
- ❖ d) Budgeting Phase
- ❖ e) Project Execution phase
- ❖ f) Project Closing phase.

Project structuring process Configuration

- ❖ a) Project Numbering using Special Characters and Project Coding Mask
- ❖ b) Project Types
- ❖ c) Different Project Profiles.
- ❖ d) Project Profile and its important attributes or Key Performance Indicators

Project Structuring Process discussions

- ❖ a) Project Definition
- ❖ b) WBS Elements
- ❖ c) Operative Indicators and its importance in the Project.

Different Project Creation Methods

- ❖ a) Project Creation from Scratch
- ❖ b) Project Creation by copying functionality
- ❖ c) Project Creation using Project Planning Board
- ❖ d) Project Creation using Assembly Processing and its related configuration includes
 - ❖ Requirement Class, Planning Strategy, Prerequisites for Assembly Processing and
 - ❖ Execution of the process result.

Templates and Standard WBS discussions

- ❖ a) Methods of Creating Templates and its relevant attributes.

Templates and Standard Network discussions

- ❖ a) Methods of Creating Standard Network and its relevant attributes.

Validation and Substitution Mechanism.

Concept of Networks and its related configuration

- ❖ a) Definition of Network
- ❖ b) Network Type
- ❖ c) Network Type parameters
- ❖ d) Network Scheduling parameters
- ❖ e) Network Conformation parameters
- ❖ f) Network Availability Control parameters
- ❖ g) Network Print Control parameters
- ❖ h) Network Profile

Activity Nomenclature in Projects

Dates and Scheduling in Projects using Project Planning Board

- ❖ a) WBS Scheduling profile
- ❖ b) Network scheduling parameters
- ❖ c) Options in the Project planning Board

Different Activities used in Project Systems

- ❖ a) Internal Processing Activity including work center, Capacity and its required related Controlling Master data.
- ❖ b) External processing Activity including purchasing and Commitments discussion.
- ❖ c) General Cost Activity
- ❖ d) Service Activity

Material Behavior in Project Systems.

- ❖ 1. a) BOM discussions
- ❖ b) BOM Transfer to Project Systems using BOM-PS Interface
- ❖ c) Procurement Parameters discussions
- ❖ 2. MRP discussions and Project based MRP Execution.
- ❖ 3. MRP Project based Manufacturing Cycle including Production Order discussion
- ❖ 4. MRP Project based Procurement Cycle and purchasing order processing.
- ❖ 5. Overview of Project Systems based Variant Configuration.

Cost Planning Methods in Project Systems.

- ❖ a) Easy Cost Planning Method: Costing Variant, Planning Profile, Costing Models using Templates and its related Configuration.
- ❖ b) Hierarchical Cost Planning Method
- ❖ c) Unit Cost planning Method

Budgeting

- ❖ a) Budgeting Profile and its related attributes
- ❖ b) Availability Control in Project Budgeting.

Settlement Process

- ❖ a) Settlement Profile
- ❖ b) Settlement Rule
- ❖ c) Settlement Execution process.

Project Cost actual line item report and its importance in Legal, Management and Financial Reporting.

Project Closing and Status handling in Project Systems.

Resources in Project Systems

- ❖ a) Work Centers
- ❖ b) Capacity Planning and its related formulas.

Version Management in Project Systems

Claim Management

Integration Project Processes using CATS in Time and Material Based.

1. Project Systems with CATS in Time and Material based Projects

- ❖ a) HR Mini master for Time Recording
- ❖ b) Data Entry Profile
- ❖ c) Time booking d) Time releasing and Approval process
- ❖ e) Time Transfer to Target components
- ❖ f) Technical info like the Tables used in CATS
- ❖ g) Work force planning and its related configuration
- ❖ h) Settlement and project closing process.

2. Project Systems with Investment Management process

- ❖ a) Investment Program Definition and Program Type
- ❖ b) Investment Program Structure
- ❖ c) Appropriation Request Type and Appropriation Request Creation.
- ❖ d) Creating Measure from Appropriate Request

3. Project Systems with Fixed Assets process (Only from PS Perspective)

4. Sales Project / Customer Projects with Milestones.