

SAP PRODUCTION PLANNING (PP) COURSE CONTENT

- ❖ **OVERVIEW OF ERP:**
- ❖ **ABOUT SAP:**
- ❖ **SAP HIERARCHY STRUCTURE:**
- ❖ **MASTER DATA:**
 - Material Master
 - Bill of Material – BOM
 - Work Center
 - Routing – Different types of Routing
 - Production Version
- ❖ **SALES AND OPERATIONAL PLANNING – SOP:**
 - Standard Planning (with standard so76 info structure)
 - Planning with the Product Groups
 - Planning with the Materials
 - Product Group Aggregation and Desegregation
 - Creation of Plan and version management
 - Transfer of Plan to Demand Management
- ❖ **MASTER PLANNING:**
 - Demand Planning
 - Creation of PIR (Planned independent requirements)
 - Planning Strategies
- ❖ **PLANNING MATERIAL REQUIREMENT:**
 - Master Data requirements in MRP
 - Carrying MRP Procedure MRP, MPS, CBP
 - Difference between MRP Vs MPS
 - Control indicators Processing like NETCH, NETPL, NEUPL
 - Evaluation of planning results and planning table
 - Master Production Scheduling planning run (MPS RUN)
 - MRP Run In Background for all network Plants
 - Processing Planned orders
 - Planned orders conversion
 - Production Orders from planned orders
 - Production order creation
 - Production order confirmation
- ❖ **GOODS MOVEMENT IN PP:**
 - Goods Receipt wref to Production Order
 - Goods Issue wref to Production Order
 - Creation of GI wref to Reservation
 - Restricting Goods Receipt Unless Production Order is Confirmed
- ❖ **BATCH MANAGEMENT:**
 - Condition Tables
 - Access Sequence

- Strategy Types
- PP Batch Search Procedure
- Batch Status in PP
- Characteristics and class
- SLED In Batch in PP
- Manual And Automatic Batch Display In PP
- Production orders creation using Batch

❖ **VARIANT CONFIGURATION IN PP:**

❖ **VARIANT CONFIGURATION IN BOM:**

- Characteristics
- Class
- Classification
- Classification settings in material master
- Maintain Dependency
- Configurable Profile for Material

❖ **AVAILABILITY CHECK:**

- Availability Check with ATP Logic or Against Planning

❖ **REPETITIVE AND DISCRETE MANUFACTURING PROCESS:**

- Master Data Maintenance
- Production versions
- REM Profile
- Backflusing
- REM Backflusing

❖ **INTEGRATION OF PP WITH OTHER MODULES:**

- MM
- SD
- QM
- WM
- FI