

## SAP PP Syllabus

### SAP ERP Overview

- Introduction to ERP
- Introduction to SAP
- Organization Structure in SAP ERP
- SAP Implementation Methodology
- Plan to Procure Process
- Order to Cash Process
- Plan to Production Process
- Financial Implication of Procurement, Production and Sales

### Basic Data for Production

- Organizational data related to production planning and manufacturing
- Creating material master data and views required to support discrete and Managing changes to the material master
- Functions and features of bills of material (BOMs) in detail
- Standard BOM Functions
- BOM maintenance and Reporting



- Work center master data and views required to support discrete manufacturing
- Capacity Data
- Scheduling Data
- Functions and features of Discrete manufacturing Task lists (standard routings) in detail
- Routing Sequences
- Operational Details
- Task list Maintenance and reporting

## Production Planning in ERP

- Overview of Production Planning in SAP ERP
- Outlining the Supply Chain Planning Process
- Outlining the Core Production Planning Process
- Demand Management
- Outlining Demand Management
- Planning Make-to-Stock Production Without Consumption Logic
- Planning Make-to-Stock Production with Consumption Logic
- Analyzing Availability Checks
- Material Requirements Planning Execution
- Outlining Material Requirements Planning
- Setting Up the MRP Prerequisites
- Executing the MRP Run



- Setting Up the MRP Run
- Planning MRP Interactively
- Applying Firming Mechanisms
- Technical Processes of Requirements Planning
- Calculating Net Requirements
- Applying Buffers in Net Requirements Calculation
- Calculating Lot Sizes
- Selecting Procurement Types
- Setting Up Basic-Date Scheduling
- Setting Up Lead-Time Scheduling
- MRP Results Processing and Evaluations
- Comparing an MRP List and a Stock/Requirements List
- Identifying Exception Messages
- Additional MRP Processes
- Setting Up MRP Areas
- Applying MRP Areas

#### Production Orders:

- Order structure and processing
- Order creation
- Availability checks
- Capacity Requirements Planning (Basics)
- Order release
- Printing order documents



- Material withdrawal
- Confirmations
- Goods receipt
- Order settlement
- Archiving and deletion
- Mass Processing and Information Systems

### Capacity Planning (ERP)

- Integration of capacity planning
- Analysis of capacity requirement
- Maintenance of available capacity
- Capacity Leveling

### Other manufacturing Process Overview

- Repetitive Manufacturing
- Process Manufacturing
- KANBAN
- SAP PP Integration with Other Modules
- SAP PP - SAP MM
- SAP PP - SAP SD
- SAP PP - SAP QM
- SAP PP - SAP FICO

