



SAP-APO-PPDS Overview Course

APO Production Planning and Detailed Scheduling is a set of functionalities around Inhouse Production Planning, External Procurement Planning, Resource Scheduling and Sequence Optimization.

PPDS is primarily divided in two areas - Production Planning and Detailed Scheduling. This component has the highest amount of integration between APO and the OLTP (R/3 or ERP) system for real-time transaction data transfer back and forth. This is made possible by a standard interface from SAP named Core Interface Function.

PP/DS is more used for finite optimization at a plant level by optimizing the resources, materials and manpower. It considers all the finite constraints in more detail and allows the planners to generate a day-to-day finite schedule, resource loading charts etc.

Course Contents:

- Introductions to Supply Chain Management
- APO Overview - Different modules in APO - DP/SNP/GATP/PP-DS/SPP/CIF etc.
- Overview of PPDS, Prerequisites, Prod. Planning with ECC
- Master Data & Transaction data Integration with ECC, SNP, DP, gATP
- Demand Management, Requirements & Sales Orders in PPDS
- Production Planning Strategies (Make-to-Order, Make-to-Stock)
- Planning Heuristics in PP/DS
- Capacity Requirements, Capacity Planning / Leveling
- Detailed Scheduling Heuristics in PP/DS
- Interactive PP/DS Planning Tools:
 - PPT - Product Planning Table
 - DS Cockpit
 - Product View / RRP3
 - Receipts View
 - Requirements View
 - Resource Planning table
 - Product Overview
- Exception Processing, Alert Generation