



Brief Introduction:

SAP PP, or Production Planning, is a module within the SAP ERP (Enterprise Resource Planning) system that focuses on planning and managing various aspects of the production process in an organization. SAP PP integrates with other SAP modules to provide a comprehensive solution for production planning and execution. Here are key details about SAP PP:

INTRODUCTION:

SAP PP, or Production Planning, is a module within the SAP ERP (Enterprise Resource Planning) system that focuses on managing and optimizing the production processes of an organization. It is designed to help businesses plan, execute, and monitor manufacturing processes efficiently. SAP PP integrates with other SAP modules to provide a comprehensive solution for production-related activities. SAP PP is widely used across industries, including discrete manufacturing, process manufacturing, and automotive, to enhance production efficiency, reduce costs, and improve overall supply chain management.

KEY HIGHLIGHTS:

Comprehensive Curriculum: A well-structured training program should cover the essential topics and modules within the SAP domain. This includes core modules such as SAP HANA, SAP ABAP, SAP MM, SAP SD, SAP FI, and others, depending on the specific training focus.

Hands-On Practical Training: Practical exposure is crucial. Effective training programs often include hands-on exercises, real-world scenarios, and access to a live SAP system for practical application of concepts.

Experienced Instructors: Trainers with practical experience and expertise in SAP can provide valuable insights and real-world examples, enhancing the overall learning experience.

Real-Life Projects and Case Studies: Engaging with real-life projects and case studies allows participants to gain practical experience and apply SAP concepts in actual business scenarios.

Certification Preparation: If certification is a goal, a good training program may include preparation for SAP certification exams. This might involve practice exams, study materials, and guidance on the certification process.

Flexibility in Learning Options: Different individuals have different learning preferences. Look for training programs that offer flexibility, such as classroom training, online instructor-led sessions, or self-paced e-learning modules.

Post-Training Support: Access to additional resources, forums, or consultation after the training can be beneficial for participants as they apply their skills in real-world situations.

Career Guidance and Placement Assistance: Some training providers offer career guidance, resume building, interview preparation, and job placement assistance, supporting participants in their career development.

Interactive Learning Environment: An interactive learning environment, including discussions, Q&A sessions, and collaboration with fellow participants, enhances the overall learning experience.

Up-to-Date Content: The SAP ecosystem evolves, so training content should be up-to-date with the latest advancements in SAP and related technologies.

COURSE CURRICULUM:

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 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 MODULE

MM

SD
QM
WM
FI

CAREER OPPORTUNITIES:

An individual with SAP PP (Production Planning) training can explore various career opportunities in the field of production and manufacturing within organizations that use SAP ERP (Enterprise Resource Planning) systems. Here are some common career paths for SAP PP-trained consultants

SAP PP Consultant: As an SAP PP consultant, you can work directly with organizations to implement, customize, and optimize SAP PP solutions. This role involves understanding client requirements, configuring the system, and providing ongoing support for SAP PP modules.

Production Planner: Organizations often seek production planners who can use SAP PP to create and manage production plans based on demand forecasts, sales orders, and other relevant data. This role involves scheduling production orders and ensuring efficient use of resources.

Master Data Analyst: SAP PP-trained professionals can specialize in master data management, ensuring accurate and up-to-date information related to materials, bills of materials (BOMs), work centers, and routing.

Materials Planner: Materials planners use SAP PP to manage material requirements, ensuring that the necessary materials are available in the right quantities to support production schedules.

Shop Floor Controller: This role involves overseeing and managing production activities on the shop floor in real-time. SAP PP skills are valuable for monitoring production orders, managing work centers, and ensuring timely completion of production tasks.

SAP Project Manager: Individuals with SAP PP expertise can move into project management roles, overseeing ERP implementation projects and ensuring the successful deployment of SAP PP solutions.

Supply Chain Analyst: SAP PP-trained professionals can work as supply chain analysts, focusing on optimizing production processes, reducing costs, and improving overall supply chain efficiency.

Quality Management Specialist: Integration between SAP PP and SAP Quality Management (QM) is critical. Professionals with SAP PP training can specialize in quality management,

ensuring that quality checks and inspections are seamlessly integrated into the production process.

Business Analyst - Production and Manufacturing: Business analysts with SAP PP skills can analyze and optimize production and manufacturing processes, aligning them with business goals and strategies.

Logistics Coordinator/Manager: SAP PP-trained individuals can pursue roles in logistics, managing the movement of goods, coordinating transportation, and ensuring smooth logistics operations.

Demand Planner: Demand planning involves forecasting future demand for products. SAP PP skills are beneficial for individuals involved in creating accurate demand forecasts and aligning production plans accordingly.

Continuous Improvement Specialist: Professionals with SAP PP training can focus on continuous improvement initiatives, identifying areas for efficiency gains and implementing process improvements within the production and manufacturing processes.