



**Digital ERP Solutions**  
*Enter to learn, live to Achieve*

# **SAP-PP**

## **S4/HANA COURSE**

# **CURRICULUM**

[www.digitalerps.com](http://www.digitalerps.com)

# ABOUT US

Digital ERP Solutions can be your starting point to kickstart your career in technology and land your dream job. We provide Quality IT & Accounting Courses & Soft Skills Training through online education. With subject-matter specialists & qualified trainers, our programs are structured to ensure that you get all the necessary knowledge and resources that you require. Do not waste time and be part of this huge family of empowered and responsible professionals



# VISION & MISSION

## VISION

Deliver top industry training to our students and guarantee ethical placement without fake promises.

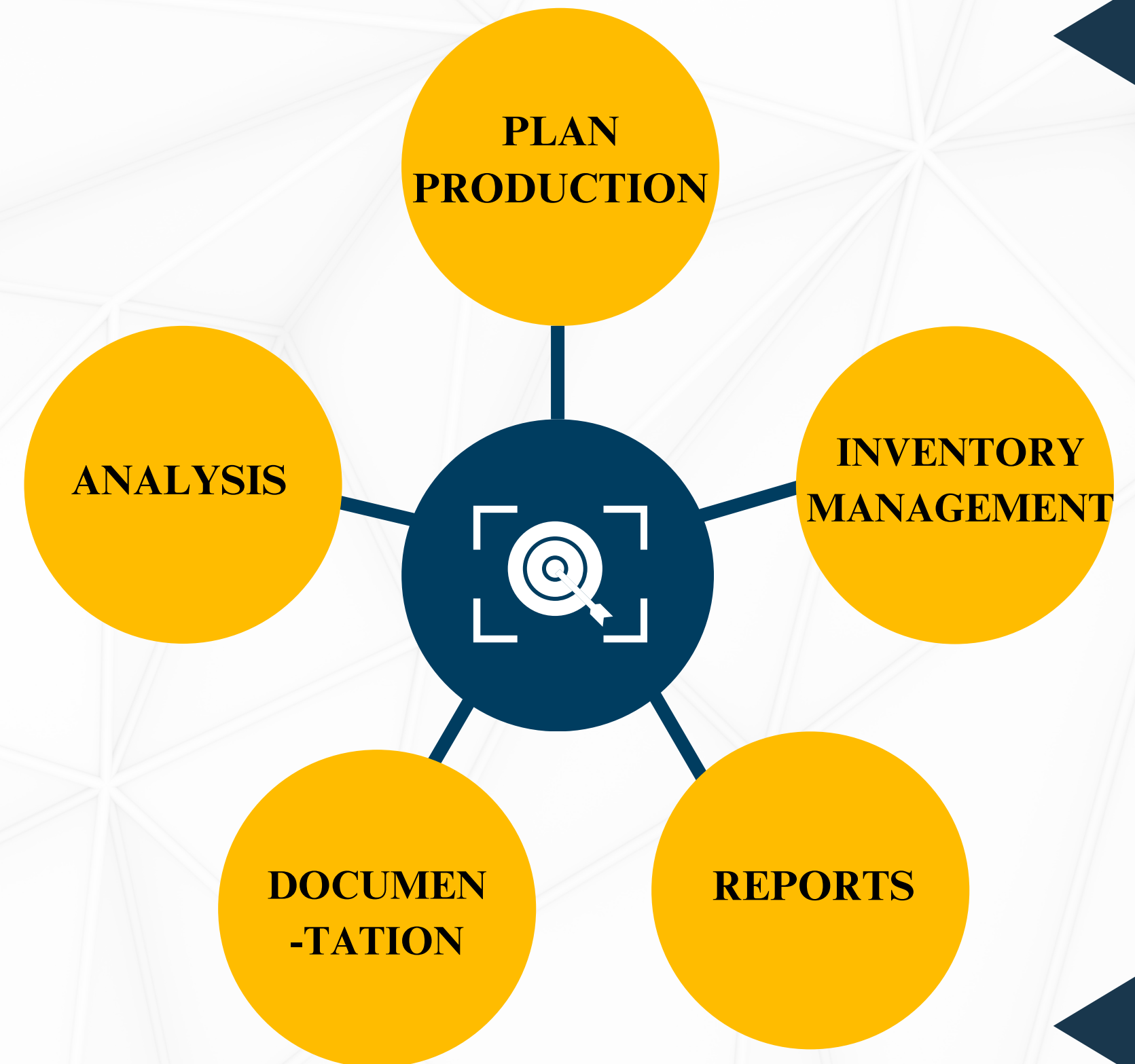
## MISSION

Transforming the contemporary IT workforce of India through industry-leading training and education in the most sought-after skill sets

# SAP- PRODUCTION PLANNING (PP)

SAP Production Planning (SAP PP) is a core functional module in SAP that helps organizations plan and manage manufacturing processes.

SAP PP integrates seamlessly with other SAP modules such as Sales and Distribution (SD), Materials Management (MM), Quality Management (QM), Financial Accounting and Controlling (FICO), and Plant Maintenance (PM). It comprises three primary components: Process Industries (SAP PP-PI) for process-based manufacturing, Discrete Manufacturing (SAP PP) for unit-based production, and Repetitive Manufacturing for continuous, high-volume production processes.



# SAP-PP COURSE CURRICULUM

## INTRODUCTION TO ERP

- ERP Packages
- Introduction to SAP
- SAP Logistics Cycle SD/MM/PP
- PP Flow and Procurement Types

## SAP NAVIGATION

### Organizational structure of an Enterprise in the SAP R/3 System

- Company, Company code, Controlling Area, Plant, Storage Location, Purchase Organization, Purchasing group, Sales Organization, Distribution Channel, Division, Sales Office, Sales Group, Shipping Point Etc...
- Controlling Settings (Cost Center and Cost Element Etc...)



# SAP-PP COURSE CURRICULUM

## MASTER DATA

- Material Master
- Bill of Material – BOM
- Work Center
- Routing – Different types of Routing
- Production Version

## PRODUCTION RESOURCES/TOOLS – PRT

- PRT settings
- Master Data Creation for PRT Tools
- Assigning of PRT Tools in Routing

## SALES AND OPERATIONAL PLANNING – SOP

- Creation of Product Groups
- Creation SOP Plan
- Copy and Change SOP Plan
- Transfer of Plan to Demand Management
- Display Planned Independent Requirements



# SAP-PP COURSE CURRICULUM

## INDEPENDENT REQUIREMENT PLANNING

- Demand Planning
- Creation of PIR (Planned independent requirements)

## MRP – PLANNING

- Master Data requirements in MRP
- Carrying MRP Procedure MRP, MPS, CBP
  - Reorder Point Planning - Automatic and Manual
  - Forecast Based Planning
  - Time Phased Planning
  - Independent requirement Planning
  - MPS Planning
- Difference between MRP Vs MPS
- Master Production Scheduling planning run (MPS RUN)
- MRP Run In Background for all network Plants

## CONVERSIONS AND PROCESSING ORDERS

- Processing Planned orders



# SAP-PP COURSE CURRICULUM

- Planned orders conversion to Production Orders, Purchase Requisitions, Process Orders
- Production Orders Confirmations
- Production Orders Settlement
- Technically Complete Production Orders – TECO
- Collective conversion of Planned Orders into Production Orders
- Collective conversion of Planned Orders into Purchase Requisitions
- Collective Release of Production Orders
- Collective Confirmation of Production Order

## GOODS MOVEMENT IN PP

- Goods Receipt wref to Production Order
- Goods Receipt w/o Production Order
- Goods Issue wref to Production Order
- Automatic Creation of GR and Release of the Production Order
- Creation of GI wref to Reservation





# SAP-PP COURSE CURRICULUM

## SERIAL NUMBER ASSIGNMENT IN PP

- Define Serial Number Profile
- Maintaining Serial Number Profile in the Material Master
- Manual and Automatic creation of Serial Numbers in Production Orders
- List display of Serial Numbers

## BATCH MANAGEMENT

- Characteristics, Class and Sort Sequence
- SLED In Batch in PP
- Condition Tables
- Access Sequence
- Strategy Types
- PP Batch Search Procedure
- Maintain Batch Search Procedure for the Order Type
- Production orders creation using Batch Automatic Batch Display at Production order creation and Production order Release



# SAP-PP COURSE CURRICULUM

## STRATEGY GROUP

- Define Strategy
- Define Strategy Group
- Assign MRP Group to Strategy Group
- Process Flow for each Strategy Group
- Detailed Process Flow for each Strategy Group

## DISCRETE MANUFACTURING PROCESS

- Make To Order Cycle - MTO Process
- Make To Stock Cycle - MTS Process

## VARIANT CONFIGURATION IN PP

- Characteristics
- Class & Creation of Configurable Material Master along with Classification
- Sales BOM for the Configurable Material
- Assignment of Object Dependencies for the Characteristics
- Maintaining Condition records & Final Execution of the Variant Configuration



# SAP-PP COURSE CURRICULUM

## AVAILABILITY IN MRP IN PP

- Define Requirement Classes and Requirement Types
- Define Checking Rule and Availability Check

## REPETITIVE MANUFACTURING PROCESS

- Master Data Maintenance
- Production versions
- REM Profile
- Backflushing
- REM Back flushing

## INTEGRATION OF PP WITH OTHER MODULES

- MM
- SD
- QM
- FI
- PM
- PI





# CERTIFICATION

A Certificate of Achievement will be given granted once the course is completed.

# THANK YOU!



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