CMMS - SAP PM MODULE APPLICATION & Configuration

Scope

The course is oriented towards
- individuals who want to start their career in ERP Consultancy.
- Application consultants or Superpower Key user to deepen their knowledge in SAP

Terms To Understand

1- SAP overview:
- Introduction to ERP system and brands.
- Meaning of SAP ERP.
- SAP modules.
- SAP consultant skills.
- ERP business process.
- Production planning business of any company.

2- Log on and navigation:
- Log on to SAP PM module.
- Sap system navigation.
- The interface of FUORI and GUI.
- FIELD Help.

3- Introduction to planning and scheduling with SAP:
- Introduction to SAP PM module.
- Introduction to planned and unplanned maintenance.
- Maintenance strategies.
- Maintenance spare parts and the warehouse.
- Planning and scheduling principles.
- Maintenance planner and maintenance work order difference.
- Difference between EAM and PM.
- How to start to apply CMMS?

4- Organizational structure in PM:
- Organization Structure.
- Business structure.
- Maintenance planning plant.
- Maintenance planning plant types.

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- o Maintenance plant.
- o Maintenance planner group.
- o Plant section.
- o Location

5- **Master data pf PM:**
- o Work center.
- o Functional location.
- o Equipment.
- o Bill of material (BOM).
- o Characteristics and class.
- o Codes and catalogs.
- o Task list.
- o Measuring points and measuring counter.
- o Permits.

6- **Maintenance processing and strategies in SAP PM:**
- o Corrective maintenance.
- o Preventive maintenance.
- o Shutdown maintenance.
- o Emergency maintenance.
- o Sub-order.
- o Follow on order.
- o Calibration order
- o Refurbishment order.

7- **Maintenance processing of corrective maintenance execution:**
- o Create pm notification.
- o Create work order from notification.
- o Release work order.
- o Change work order operation.
- o Assign material for maintenance operations.
- o Goods issue for the order.
- o Assign task list for maintenance and insert operation.
- o Create Purchase Requisition material or service.
- o Confirmation of work order • Inspection approved.
- o Complete technical.
- o Settlement.
- o Complete business

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8- **Maintenance processing of preventive maintenance execution:**
   - Create maintenance strategy.
   - Create maintenance plan.
   - Preventive maintenance (time based single cycle).
   - Preventive maintenance (strategy based).
   - Preventive maintenance (cycle set).
   - Schedule the maintenance plan.
   - Calling the work order.
   - Release work order.
   - Create Purchase Requisition material or service before release the Vorder.
   - Confirmation of work order.
   - Complete technical.
   - Complete business.
   - Deadline monitoring

9- **Maintenance processing of refurbishment execution:**
   - Create Refurbishment Order.
   - Release Order & Print Papers.
   - Goods Receipt Refurbishment Order Types of Chains

10- **Maintenance processing of calibration execution:**
   - Create maintenance characteristics master data.
   - Assign MICS to maintenance plane.
   - Create calibration order.
   - Execute the order.
   - Complete order.

11- **Maintenance processing of manual order execution:**
   - Create maintenance manual order.
   - Create shutdown order.
   - Create sub order.
   - Create follow on order

12- **SAP PM reporting**
   - Display functional location.
   - Display equipment.
   - Display notification.
   - Display work center utilization.
   - Display orders.
   - Display materials list.
   - Display purchase requisition

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13- SAP PM configuration
- o Create a maintenance plant.
- o Create maintenance planning plant.
- o Assign maintenance planning plant to maintenance plant.
- o Maintain object type.
- o Maintain Catalogues.
- o Define Catalogue Profile-Status Profile-Notification Types-Number Ranges.
- o Define Overview of Notification Type.
- o Configure Order Types.
- o Configure Number Range so Create Default Value Profiles for General Order.
- o Settlement Rule: Define Time and Creation of Distribution Rule Data.
- o Define Notification- and Order Integration.
- o Define Maintenance Activity Types-Priorities-Status Profile.
- o Define Maintain Scheduling Types.
- o Set Scheduling Parameters.
- o Assign Object Information Keys to Order Types.
- o Define Control Parameters for Completion Confirmations.
- o Maintain Task List Status.
- o Define Task List Usage.
- o Configure Planner Group.
- o Define valuation of goods received

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Technical Proposal

Outline

After Successful implementation of this course, you will be able to:

- Perform the roles of End users, Super-users
- Configure and implement a PM System

Financial Proposal

- This course is more than 35 hours
- SAP user for applying tasks
- Starting from zero expert in maintenance to be intermediate
- Two courses in one course
- This course will give complete image about the real field of maintenance

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