

# **SAP PS Course**

**Duration – 12 weeks**

## **Module 1: Introduction to Project Systems**

- Overview of SAP ERP & integration of SAP PS with other modules (FI, CO, MM, SD, HR, PP)
- Project System basics – Structures, Master Data, Transactions
- Role of PS in Project Management (planning, execution, monitoring, controlling)
- Navigation in SAP PS

## **Module 2: Organizational Structure in SAP PS**

- Enterprise structure for PS
- Company code, controlling area, project profile
- Assignment of organizational elements
- Integration with controlling & financials

## **Module 3: Work Breakdown Structure (WBS)**

- Creating & structuring WBS
- WBS elements – definition, attributes, statuses
- Coding mask & operative indicators
- WBS planning (dates, costs, resources, revenues)
- Budgeting at WBS level

 Hands-on: Create a sample WBS for a real project

## **Module 4: Networks & Activities**

- Network types & structures
- Network activities: relationships, constraints, milestones
- Activity scheduling & capacity planning
- Resource assignment to activities
- Confirmations & progress tracking

## **Module 5: Project Planning**

- Planning types: cost planning, resource planning, material planning
- Cost estimation at WBS and activity level
- Project budgeting & availability control
- Simulation versions for planning scenarios

## **Module 6: Project Execution & Monitoring**

- Project release & status management
- Actual cost posting from other modules (MM, SD, PP)
- Progress analysis & earned value management (EVM)

- Forecasting in SAP PS
- Reporting & analytics in SAP PS (standard reports, report painter)

### **Module 7: Project Procurement & Material Management**

- Material components in network activities
- Project stock vs non-stock materials
- External procurement for projects (MM integration)
- Services procurement in PS

### **Module 8: Project Billing & Revenue**

- Revenue planning in PS
- Integration with SD for billing
- Resource-related billing (Dynamic Item Processor - DIP)
- Results analysis in PS
- Settlement to CO/FI

### **Module 9: Integration with Other SAP Modules**

- PS–FI/CO (budgeting, settlement, overhead costing)
- PS–MM (procurement)
- PS–SD (project-based billing)
- PS–PP (production orders)
- PS–HR (workforce planning, time confirmation)

### **Module 10: Advanced Topics**

- Milestone billing
- Funds & availability control
- PS workflow automation
- Project versions & simulations
- CProjects (Collaboration Projects) & integration

### **Module 11: SAP PS in S/4HANA**

- Differences between ECC PS and S/4HANA PS
- Fiori apps for project management
- Simplifications & new functionalities in S/4HANA
- Roadmap for SAP Enterprise Portfolio & Project Management (EPPM)

### **Module 12: Real-Time Scenarios & Project**

- End-to-End project lifecycle in SAP PS (from WBS creation to settlement)
- Real-life industry use cases (construction, IT, engineering, manufacturing)
- Mini project: Configure and execute a complete customer project with WBS, networks, budgeting, and billing