

Product Lifecycle Management

- 2 DAYS -



Management of every phase of the product's life cycle, from the concept to disposal of the product is called PLM (Product Lifecycle Management), and the system that bring every information together to ensure continuity is called PLM system.

With the Product Life Cycle Management training, it is aimed for understanding the general PLM concepts; the impact of PLM on businesses to support of product management-oriented business management approach; the standard features in different PLM systems. These concepts are grouped as commodity, product, process, project, change and requirement.

Course Outline

Introduction

- PDM, PLM, ALM, SysLM, DEPLM concepts
- Development and history of PLM
- Impact of PLM on businesses
- Product management-oriented business management
- ERP & PLM evaluation

PLM Concepts

- Meta management
 - Searching for information
 - Object lifecycles and state protocols
 - Object revision management
 - Roles & Authorities
 - Integrations
 - Document management
 - CAD document management
 - CAD visualization
 - Audit Trail
- Process management
 - Workflows
 - Workflow / PLM object context
- Project management
 - Project Plans
 - Project Tasks
 - Checklists
 - Checklist Types
 - Project resource / cost management

- Relationship of projects with other PLM concepts
- Product management
 - "Part" as PLM object
 - "Part" and "Document" relationship
 - BOM management
 - "Product" as PLM object
- Change Management
 - Change process and workflows
 - Relationship between CM2 and PLM change processes
- Requirements management
 - Specifications
 - Requirements
 - ReqIF and ReqMAN applications

Industrial IoT

- PLM as an IoT platform
 - Digital Twin
 - Digital Thread
- Systems engineering
 - MBSE - Model-based systems engineering
 - PLM as an MBSE platform