

Participants must have Java, JavaScript & C++ programming knowledge before taking up this course.

Teamcenter Administration

- Introduction to Teamcenter administration
- Managing preferences
- Organization
- Access Manager (ACL Tree)
- Projects to control access
- Structure Manager revision rules
- Query Builder definitions
- Workflow process modelling
- Workflow process templates
- Report Builder definitions
- Using utilities
- Command Suppression
- Authorization

Teamcenter Configuration data model

- Introduction to BMIDE administration
- Business Modeller IDE fundamentals
- Naming Rules
- Item BO configuration
- Form BO configuration
- Dataset BO configuration
- Relation BO configuration
- Creation of properties
- Global Constants
- Conditions
- BOMline BO configuration
- LOV (list of value) extensions
- NoteType, UOM
- Option extensions
- RULES (GRM, Display, Deep Copy)
- Packaged templates

Teamcenter Customization – ITK

- Introduction to customization using coding
- Teamcenter environment
- Teamcenter ITK programming introduction
- Introduction to API functions
- Batch program basics
- Batch program – query
- Batch program – folder
- Batch program – item
- Getting property values
- User exit basics
- Custom user exits
- Custom handlers – an example
- Custom handler – testing with a new workflow
- Building OOTB Liber exits

Teamcenter Customization – RAC

- Rich client customization introduction
- Non-programming customization
- UI form introduction
- UI form with JavaBeans
- UI form with XML style sheets
- New rich client application
- Extending RAC OOTB Commands

Teamcenter Customization – SOA

- OOTB SOA services – Introduction
- OOTB SOA services – Workshop using soa_client.zip
- Rationale for authoring new SOA service
- New custom OA service – High level
- New custom SOA service – Workshop authoring new SOA