

PLANT DESIGN MANAGEMENT SYSTEM (PDMS)

Course Contents:

- Introduction to PDMS
- PDMS usage and application
- History of PDMS
- PDMS Working hierarchy
- PDMS Administrator, PDMS Designer, PDMS Engineer - roles
- PDMS GUI Introduction
- PDMS Mouse button operations and shortcut Keys
- PDMS Methodology of working
- Equipment Modelling
- Introduction to equipment's Modelling
- Types of equipment's available in PDMS
- Methodology of approach in Equipment Modelling
- Create equipment's using Primitives
- Modify Equipment's created by Primitives
- Equipment Modelling- Create equipment's using Parametric Method
- Manipulating Parametric equipment's
- Create various equipment's in Equipment Modelling
- Creating obstructions
- Equipment commands. Setting the obstructions

- Equipment Modelling - Equipment Modelling with standards
- Nozzle Manipulation
- Equipment Modelling-Modelling of Horizontal Vessel
- Modelling of Vertical Vessel
- Modelling of Heat Exchanger
- Modelling of Pumps
- Modelling of Stacked Heat Exchanger
- Creating the standard equipment's
- Modify commands-Introduction
- Rotate, Mirror, Offset
- Piping Modelling - Introduction to piping Modelling in PDMS
- Hierarchy of piping in PDMS
- Methodology of approach in Piping Modelling
- Role & Responsibility of PDMS Administrator
- Introduction to Standards and Specs
- Piping Modelling-Pipe routing- As per piping layout and P&ID