multisoft
Systems

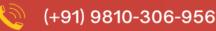# Piping Design & Engineering with PDMS Training

COURSE CONTENT

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

The Piping Design & Engineering with PDMS (Plant Design Management System) Training offered by Multisoft Systems provides an in-depth understanding and hands-on experience with PDMS software, developed by AVEVA. PDMS training is designed to enhance engineering skills, providing learners with the knowledge to model process plants accurately and manage project data effectively.

Module 1: PDMS History

- ✓ What was before PDMS
- ✓ Inventor of PDMS
- ✓ Requirement of PDMS in Engineering Industry

Module 2: Role & Responsibility of PDMS users in EPC

- ✓ Working level hierarchy
- ✓ Role & Responsibility of PDMS Administrator
- ✓ Role & Responsibility of PDMS Engineer / Designer

Module 3: Fundamentals of Piping Engineering

- ✓ Introduction
- ✓ Overview

Module 4: Fundamentals of Pipe, Pipe Fittings and Piping components

- ✓ Fundamentals of Pipe
- ✓ Fundamentals of pipe fittings
- ✓ Piping system components

Module 5: Piping Codes & standards

- ✓ ASME codes & standards
- ✓ Thickness calculation
- ✓ Piping Material specifications

Module 6: Process plant layout engineering

- ✓ Equipment, Plant, Piping Layout
- ✓ Piping isometrics

✓ Piping GAD and Plot Plans

Module 7: Plant design Management System (PDMS)

✓ Overview
✓ Equipment Modeling
✓ Pipe Modeling
✓ Structure Modeling
✓ Cable Tray Modeling
✓ HVAC Modeling