Course Name	:	*Plant Simulation - Intermediate Course*
Course Duration	:	24 Hrs.

Description

In this Process Designer Basics course, students explore the Plant simulation ability to directly view nodes from the product tree, operation tree, or resource tree.

Basics Prerequisites

Know how to use a mouse. Previous experience with a 3D CAD system is also recommended.

Contents

- Simulation of robots and handling equipment
- Pick and place
- Blocking angle
- Assembly with pick and place
- Warehousing and Procurement
- Virtual warehouse
- Storage crane
- overview of plant simulation
- basic simulation modelling
- building a model: general practitioner
- building a model: tracking patients and performance
- building a model: experimenting
- demonstration of more advanced concepts
- advanced simulation modelling
- building a model: car manufacturer
- building a model: lines and workers
- building a model: simulation optimization