



SolidWorks

The purpose of this module is to develop design related competence in the candidates. The candidates will be taught to understand the industrial standards and perform 2D/3D modeling accordingly.

This months module includes both classroom and practical training. It's a must for someone who wants to have expertise in the design domain.

COURSE CONTENT:

1. SolidWorks

- All three aspects – Part, Assembly, and Drawing
- Part – sketch, features, surface, sheet metal, and weldment
- Assembly drawings – mates, motion analysis, animations, and part explosion
- Drawing – generating top side & front view from 3d drawings, auto dimensioning, and printing
- Practice involves generating live industry components

LEARNING OUTCOMES:

After completion of this module, the candidate will be able to:

Generate 2D/3D models of industrial components

Apply multiple drawing and modification commands in SolidWorks

Get comfortable generating industrial components (using reverse engineering)

Conduct motion analysis and gauge mass properties for various industrial applications