Beyond Curriculum Training
On
"ProSteel"

Date: 04/01/2021 to 15/01/2021

Organized by

Narula Institute of Technology

81, Nilgunj Road, Agarpara,

Kolkata – 700 109

Training Overview

This course offers an additional value and intends to conduct student trainings to enable students in the field of technical education to introspect and learn techniques that can help prepare students for active and successful participants in a knowledge society.

Training Objective

This course aims to provide the essential knowledge required for increasing the productivity. It will provide skills on using the software for all the task right from initial planning and design until assembly.

Course Outcomes

After completion of this course students will be able to

- Quickly generate design drawings, fabrication details, and schedules that automatically update whenever the 3D model changes.
- Efficiently create parametric assembly modeling for common objects such as steel stairs, handrails, and ladders.
- Rapidly investigate multiple scenarios to provide the most economical options

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Course Content

- ✔ **Creating and working with Workframes**
- ✔ **Working with Display and Area Classes**
- ✔ **Inserting Steel Shapes**
- ✔ **Shapes Manipulation**
- ✔ **Working with Plates**
- ✔ **Creating Connections**
  - **End Plate**
  - **Base Plate**
  - **Bracing**
  - **Purlin**
  - **Web Angle**
  - **Shear Plate**
- ✔ **Working with Structural Elements**
  - **Handrail**
  - **Stair**
  - **Ladder**
- ✔ **User created shapes**

Part Family
Detailing
  - **Symbol creation**
  - **Grouping**
  - **Material Takeoff**
  - **Dimension**