



**Beyond Curriculum Training
On
"REVIT & TOTAL STATION"**



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

The course aims to offer comprehensive knowledge on the Revit software and its applications. The course will help the candidates to get a visual insight about designing, digital drawings, 3D models, sections, and details. This course also provides detail knowledge about Total Station which is an advanced surveying instrument.

Course Outcomes

After completion of this course students will be able to

- Create full 3D architectural project models and
- Set themselves up in working drawings
- To create, use and share maps of different projections
- Analyse the data using Geographic Information Systems (GIS)

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Course Content

- *Revit*
 - ✓ *MODULE 1: Introduction*
 - ✓ *MODULE 2: Interface & Navigation*
 - ✓ *MODULE 3: Key Concepts*
 - ✓ *MODULE 4: 3D Model Elements*
 - ✓ *MODULE 5: Editing & Modifying Elements*
 - ✓ *MODULE 6: Creating Views*
 - ✓ *MODULE 7: Graphics & Visibility Settings*
 - ✓ *MODULE 8: Annotation & Detailing*

- *Survey using industry-preferred Total Station*
 - ✓ *MODULE 1: Introduction to Survey using Total Station and GPS*
 - ✓ *MODULE 2: Interactive lecture sessions with good multimedia content*
 - ✓ *MODULE 3: Exposure to different types of Survey projects carried out in present day industry*