

Civil
SDS/2



AIT

AIT a leading ITES Civil Engineering company in India.

We build strategic partnerships with clients & provide solutions to companies where ITES Civil Engineering is a critical part of their corporate design strategy. We also assist our customers in expanding their business through the Power of Information.

Who Should Attend:

- Engineering Students / Working Professionals

Batch Time :

Morning	07.30 to 09.00	09.00 to 10.30
	10.30 to 12.00	12.00 to 01.30
Evening	03.00 to 04.30	04.30 to 06.00
	06.00 to 07.30	07.30 to 09.00

Weekend Batches : Saturday-Sunday

- Flexible Time Slots For Students / Working Professionals
- Week End Batches For Working Professionals

Other Advance Training Programs

- Certificate in Building Structure.
- STAAD PRO
- ANSYS

SDS2 Civil

SDS2 Detailing offers the highest level of automation & intelligence available in 3D steel detailing. As the detailer inputs members, like columns and beams, connections are automatically designed with their necessary materials, bolts, holes and welds. SDS/2 Detailing takes a uniquely intelligent approach in its connection design by considering framing conditions and erectibility, automatically performing clash prevention as a part of its connection design. In addition, SDS/2 Detailing can value engineer the connections on a project, helping users to design the most economical connections to fabricate and erect. No other 3D detailing product can do this automatically.

Introduction of SDS/2 Fundamental Modules of Detailer Series American Steel Standards & Codes

AISC - American institute of steel constructions
LRFD - Load Resistant factor Design
ASD- Allowable Stress Design
AOSHA- Occupational Safety & Health Administration.

SDS2 Modeling

Contract Documents Analysis
Set Job, Fab, Repository
Types of Member & Sizes
Set Load Configuration
Construction Line & Grid Line
Member Addition – Column, Beam
Base Plate Addition
Anchor Rod Addition
Bracing – Vertical & Horizontal
Connections & Types

SDS2 Detailing

Main member / sub member

SDS2 Reports & Projects

