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Transforming Your Engineering World

**Your OneStop Centre for Professional
Training – Job Oriented Course**

Excel in the world of professionals in Structural Steel Detailing.
Are you ready for a new challenge?

The experiences that deepen your never - ending thirst for knowledge.

Course Outline

Techflow's **Certificate Course in Structural Steel Detailing (CCSSD)** having overall duration of 4 Months with 640 hours of Training Program. It includes 400 hrs of class room training with 120 hrs of practical exposure to work on pilot project under close guidance of experienced professional engineers and 120 hours of floor preparation with actual team members.

Within 4 Months, with spending 640 hours of training, we will qualify you as an entry-level steel detailer.

In the first month trainees will learn concepts, techniques and will know the accepted practices in the detailing industry. Students will learn 2D drafting/detailing and will get trained in specialty areas of detailing.

In the next 3 months of this program trainees will have developed the drafting and 3D modelling skills which will enable them to enter the workforce in many areas as team members principally in steel detailing offices, structural steel fabrication companies, miscellaneous metals fabrication companies, engineering consultancy & EPC Companies.

Qualification Criteria

Degree/Diploma Engineer from Civil or Mechanical



Objective & Outcome

After successful completion of the course, you will be having,

- » Fundamental knowledge of drafting and detailing
- » Knowledge of detailing as per National Institute of Steel Detailing (NISD) standards
- » Awareness and familiarization of AISC/CISC detailing standards
- » Conceptual knowledge of steel building erection
- » Basic knowledge on "International Building Code (IBC)" relevant to steel detailing
- » Basic knowledge of 2D-3D detailing software (Tekla/SDS)

Certification

A certificate of completion is awarded to you after successful completion of the training. Techflow awards merit certificates to the students based on their overall grades

- » **Gold Certificate** **90 % & above**
- » **Silver Certificate** **80 % & above**
- » **Bronze Certificate** **70 % & above**



Course Components & Assessment Levels

Pre-assessment

- Detailing & drafting fundamentals
- Detailing training module videos

Mid assessment-1

- 2D Drafting
- Drafting (Editing) training on Tekla/SDS
- Erection drawing drafting training on Tekla/SDS

Mid assessment-2

- 3D modelling & connection training on Tekla/SDS

Mid assessment-3

- Awareness for detailing as per AISC/CISC standards
- Training on steel building erections
- Awareness on Osha standards
- Awareness on International Building Codes (IBC), relevant to steel detailing

Post assessment

- On job training & sessions.

Final Examination & Certification



About Techflow

Founded in the year 1995, Techflow Engineers (India) Pvt Ltd has been breaking the boundaries of the geographical limits and development at lighting speed. It has come into existence since the application of the 3D Technology has become prerequisite for the accurate project accomplishment.

Since its inception TEIPL has secured the faith of most prestigious Companies throughout the world and proven its ability through complete customer satisfaction. Its adherence and commitment to the quality standards have resulted in clients absolute trust.

Well equipped with all the modern amenities Techflow' s offices are the hub for the group of exceptionally talented professional engineers.

TEIPL has facilitated the development of distinct error free task through smart software like Tekla Structures, SDS/2, Aveva Bocad, AutoCAD...

Contact Information

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