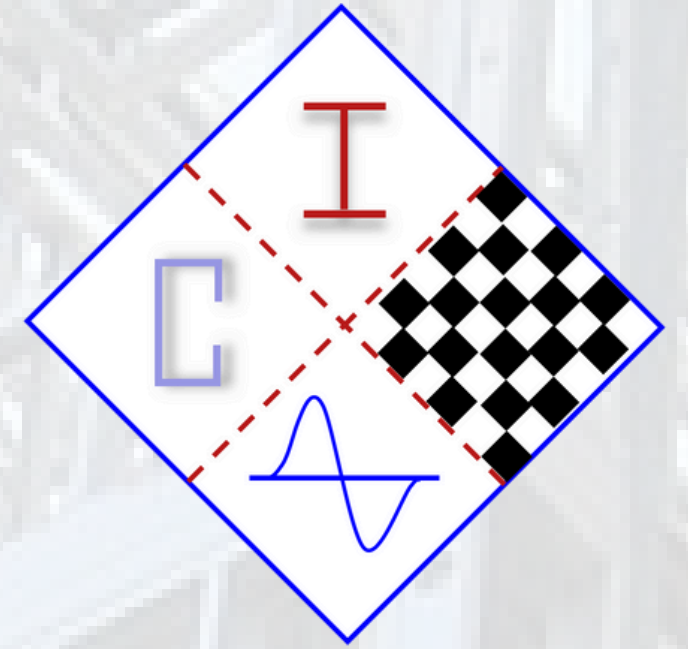


A GIAN Course on “Behaviour and Design of Cold Formed Steel Structures” June 20 – June 30, 2025

The Structural Steel Research Group (SSRG) at the Indian Institute of Technology Hyderabad is delighted to host a GIAN Course on “Behaviour and Design of Cold-Formed Steel Structures”, scheduled from June 20 to June 30, 2025. This intensive course will offer valuable insights into the fundamentals, advanced concepts, and practical applications of cold-formed steel structural design. We warmly invite students, researchers, faculty, and industry professionals to be a part of this enriching academic experience.



Structural Steel Research Group

Teaching Faculty:



Course Coordinator

Prof. Mahendrakumar Madhavan
Ph.D., P.E., CEng., F. SEI.,
FICE., F. ASCE., FStructE
Dean Alumni and Corporate Relations,
Professor,
Department of Civil Engineering,
IIT Hyderabad, India

E-mail: mkm@ce.iith.ac.in

Teaching Faculty:



Associate Prof. Cao Hung Pham
Ph.D.
Director of Space, Health and Safety,
Associate Professor in Structural
Engineering,
School of Civil Engineering,
The University of Sydney, Australia

E-mail: caohung.pham@sydney.edu.au

The Participants can learn about:

- CFS manufacturing and applications
- Buckling behaviour and failure modes of thin-walled members
- Design tools and software per AS/NZS 4600:2018
- Latest developments in CFS research and design standards such as AISI S100

Who can attend ?

- Students (B.Tech/M.Tech/PhD), Faculty
- Engineers from industry, R&D labs, and government bodies

Registration Fee:

Students: INR 2000; Faculty: INR 10,000;
Industry/Research: INR 30,000; Govt. Organisations: INR 15,000;
Foreign Participants: US \$ 500

**18% GST will be charged on the above fee, except for students from IIT Hyderabad.*

Last day for Registration: 20.05.2025

To Register: Indian Participants:

[Click here](#)

(or)



SCAN ME

To Register: International

Participants: [Click here](#)

(or)



SCAN ME

 **Indian Institute of Technology Hyderabad, Telangana, India - 502284**



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भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

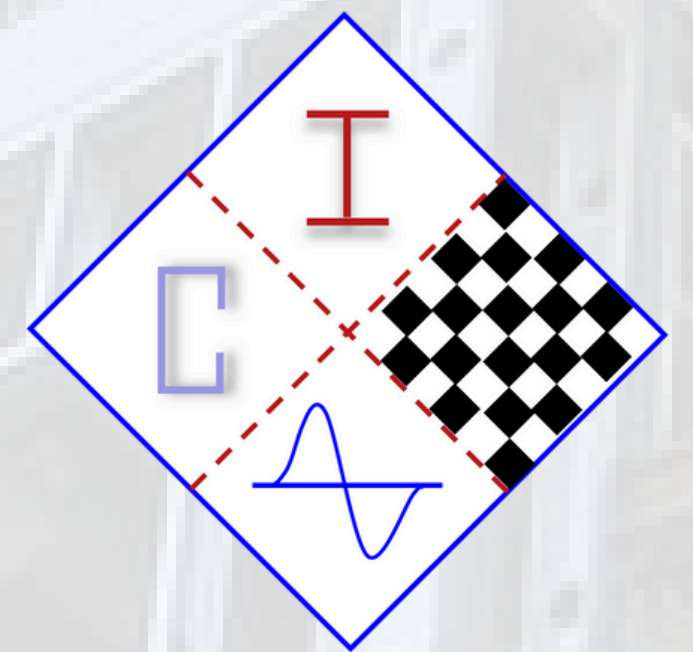


THE UNIVERSITY OF
SYDNEY

A GIAN Course on “Behaviour and Design of Cold Formed Steel Structures” June 20 – June 30, 2025

Tentative Lecture Schedule:

Day 1	Introduction to Cold-Formed Steel Structures and Cold-Formed Steel Design Standard/Specification.
Day 2	Effective Width Method (EWM) & Design example using EWM.
Day 3	Newly developed Direct Strength Method (DSM) of Design of Cold-Formed Structures.
Day 4	Introduction and Demonstration of THIN-WALL-2 Program for Design of Cold-Formed Structures using the Direct Strength Method.
Day 5	Design Examples of Lipped Channel Column in Compression and Lipped Channel Beam in Bending and Shear using the Direct Strength Method.
Day 6	Steel Connections in Cold-Formed Steel Structures & Design examples
Day 7	New Developments in Cold-Formed Steel Design to the latest AS/NZS 4600:2018 and Design Examples
Day 8	Direct Strength Stiffness Design (DSSM) Method for Cold-Formed Steel Wall Panels and Design Examples.
Day 9	DSM for Cold-Formed Steel Built-up Beams and Columns and Design Examples.
Day 10	Cold-Metal Transfer (CMT) Welding in the Design of Cold-Formed Steel Members and Design Examples.



Structural Steel Research Group

Any Queries, Reach us
out on:

ssrg@ce.iith.ac.in

For more details,
Visit SSRG Website:
[Click here](#)

For Accommodation:

Limited accommodation is available on campus for outstation students and other participants. Kindly note that accommodation charges are payable directly to the Hostel/Guest House.

Hostel accommodation for Students:

Accommodation Details:

Cost: Rs. 350 per participant per day; Facilities Provided: Cot, Table, Chair, Mattress, Bedsheet, Blanket, and Pillow

How to Book:

(i) Fill out the [Google Form](#) to register for accommodation; (ii) Make the payment ([QR code for Payment](#)) based on the number of days you plan to stay; (iii) Upload the following in the Google Form: Payment receipt (via the provided [QR code](#)) and A copy of your Student ID card.

For other participants: Reach out to the International Guest House for accommodation by contacting : office.gh@iith.ac.in and fic.gh@iith.ac.in (Please ensure to cc: ssrg@ce.iith.ac.in). Please note that the International guest house charges are as applicable (visit [SSRG website](#) to know about the accommodation charges for International Guest house).



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