

WORKSHOP

RECENT ADVANCES IN STEEL MANUFACTURING AND DESIGN CODE DEVELOPMENT

Bridging Innovation in Steel with Modern
Infrastructure Needs

9th -10th April 2026

Conference Room

Department of Civil Engineering
Indian Institute of Technology, Roorkee

Sponsors:



सेल SAIL

स्टील अथॉरिटी ऑफ इण्डिया लिमिटेड
STEEL AUTHORITY OF INDIA LIMITED



The workshop brings together industry experts, designers, steel producers, and code specialists to discuss current and emerging steel requirements for modern infrastructure. It highlights advances in steel grades, evolving standards, and performance needs across construction, transportation, and energy sectors. The event aims to build a shared understanding that supports the future growth of steel usage in national infrastructure.

Themes:

- Role of steel in infrastructure and housing
- Applications across architecture, transportation, energy and agriculture
- Advances in reinforcement bars, structural sections, and fabricated components
- Development of modern steel grades for diverse requirements
- Revision of Indian Standards for energy-efficient infrastructure
- Panel discussions on bridging the gap between demand and supply

Speakers:

- Daniel Augusto, CBMM Brazil
- Jonatas Barbosa, CBMM Brazil
- Dr. Vinod Kumar, Technical Consultant to Sojitz-CBMM (Asia)
- Julio Arruda, Market Development Specialist, CBMM Asia
- Rama Shankar Sharma, GM I/c (R & C Lab), Rourkela Steel Plant, SAIL, Rourkela
- Dr. Sanjeev Kumar Garg, ED (Gati Shakti – Urban & Rapid Rail Transit), Railway Board, Ministry of Railways
- Er. Nitesh Agrawal, Chief Operations Officer, Skeleton Consultants Pvt. Ltd.
- Dr. Vijay Khose, Vice President, Thornton Tomasetti, Pune, India
- Prof. Yogendra Singh, Department of Earthquake Engineering, IIT Roorkee
- Prof. P C Ashwin Kumar, Department of Earthquake Engineering, IIT Roorkee
- Prof. Saurabh Shiradhonkar, Department of Earthquake Engineering, IIT Roorkee
- Er. Agamoni Das, Head Codes & Approvals (Fastening), Hilti India
- Er. Nithil Malguri, Director, UOR Consultants Private Limited
- Prof. Rakesh Ranjan, Department of Civil Engineering, IIT Roorkee

Program Schedule:

Date	Time	Activity	
April 9, 2026	8:30 – 9:30	Registration	
	9:30 – 10:30	Inaugural Session	
	10:30 – 11:00	Tea Break	
	11:00 – 13:00 Technical Session I		Dr. Vijay Khose, Vice President, Thornton Tomasetti
			Agamoni Das, Head Codes & Approvals (Fastening), Hilti India
			Er. Nitesh Agrawal, COO, Skeleton Consultants Pvt. Ltd.
			Er. Nithil Malguri, Director, UOR Consultants Private Limited
	13:00 – 14:00	Lunch	
	14:00 – 16:00 Technical Session II		Prof. Yogendra Singh, IIT Roorkee
			Prof. P C Ashwin Kumar, IIT Roorkee
			Prof. Saurabh Shiradhonkar, IIT Roorkee
			Prof. Rakesh Ranjan, IIT Roorkee
	16:00 – 16:30	Tea Break	
16:30 – 18:30 Technical Session III		SAIL	
		SAIL	
		CBMM	
		CBMM	
20:00 onward	Dinner		
April 10, 2026	9:30 – 10:30	Panel Discussion I: Structural Steel	
	10:30 – 11:00	Tea Break	
	11:00 – 12:00	Panel Discussion II: Reinforcement Bars	
	12:00 – 12:30	Concluding Session	
	12:30 – 13:30	Lunch	



Contact Person:

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