

# CEMCON 2025

**Special Concretes:**  
Innovation, Challenges  
and Case Studies

**Date:** 21<sup>st</sup> - 22<sup>nd</sup> March 2025

**Venue:** NICMAR University, Pune

**Conference Convener:**

Dr. Sushma Kulkarni, Vice Chancellor,  
NICMAR University, Pune

Venue Partner



CEMCON is a marquee event in Western India, organized by the Indian Concrete Institute, Pune Centre. The event marked its Silver Jubilee in December 2020 and over the years it has provided the platform for innovation, knowledge-sharing, and advancements in concrete technology. Over the years, CEMCON has addressed diverse topics such as High-Rise Concrete Buildings and Structures, Precast Concrete, Modern Trends in Construction Technology, Advances in Material Testing, Instrumentation, and IT in the Monitoring of Concrete Structures.

Entering its 30th year in 2025, CEMCON will focus on Special Concretes: Innovation, Challenges, and Case Studies. The conference aims to spotlight lesser-used special concrete types that hold immense potential for broader applications in the near future, driving progress in the construction industry.

## About the Indian Concrete Institute, Pune Centre

The Indian Concrete Institute (ICI) Pune chapter plays an important role in promoting the latest advancements in concrete construction. Established in 1982, with its headquarter in Chennai, the Institute has been organizing national-level conferences for several years, focusing on industry-relevant topics. These conferences allow professionals, researchers and academicians in the concrete industry to share experiences, exchange ideas and stay updated with new developments in concrete technology.



## About NICMAR University

NICMAR University, located in Pune, India, is a premier institution specializing in education, training, research, and consultancy in construction, real estate, infrastructure, and project management. Established with the vision of fostering excellence in professional education, NICMAR offers industry-oriented programs that integrate technical expertise with managerial skills. The university is renowned for its state-of-the-art campus, experienced faculty, and robust industry collaborations, ensuring students are well-prepared for real-world challenges. NICMAR's commitment to innovation, sustainability, and leadership has earned it recognition as a center of excellence, empowering professionals to contribute meaningfully to the built environment sector globally.

### Convenor

Dr. Mrs. Sushma Kulkarni

### Co-Convenor

Er. Suhas S. Bhise

## ICI CEMCON ORGANISING COMMITTEE

### Chairman

Er. Amit Haridas

### Secretary

Dr. Mrs. Goushiya Sayyed

### Treasurer

Er. Rohan Manik Undre

## EVENT COMMITTEE

Er. Dhairyashil Khairepatil

Er. Appasaheb Bhosale

Prasad Sevekari

Er. Sucheta Kalawar

Er. Yusuf Inamdar

Er. Ramesh Kulkarni

Er. Mukul Dehadrai

Er. Sandesh Kanpile

Er. Yogesh Kulkarni

Er. Chitra Gorhe

Er. Yadunandan Chafekar

Dr. Amol D. Pawar (NICMAR)

Dr. Anil Agarwal (NICMAR)

Er. Yatin Joshi

Er. Vijay Kulkarni

Er. Ujwal Kunte

## MANAGING COMMITTEE ICI

Dr. V. Ramachandra - ICI President

Er. Manoj Kawalkar - ICI President (Elect)

Dr. Vishal Thombare - Vice President (West)

Er. Radhakrishnan - Secretary General



# EMINENT SPEAKERS



**Topic:**  
**Mortars for 3D Printing of Concrete, Rheology, Strength Parameters and Sustainability**

**Dr. Manu Santhanam**  
Fellow of Indian National Academy of Engineering  
IIT Madras

Dr. Manu Santhanam, a professor at IIT Madras, specializes in concrete technology, cement chemistry, and 3D printing, with over 150+ journal publications and leadership roles in various research projects and professional organizations.



**Topic:**  
**Developing and Exploring UHPFRC**

**Dr. Voo Yen Lei**  
Co-Founder, Director, CTO  
DURA® Technology Sdn Bhd

He is the Founder and CTO of Dura Technology, holds a PhD in Civil Engineering from UNSW and specializes in ultra-high performance fiber reinforced concrete (UHPFRC). He is also an adjunct professor and a three-time winner of the PCI Design Award for Best International Transportation Structure.



**Topic:**  
**Development of UHPFRC with Local Ingredients with Specific Application - Case Study**

**Prof S. Suriya Prakash**  
Professor - Structural Engineering  
IIT Hyderabad

Dr. Suriya Prakash, Professor at IIT Hyderabad and Dean of Planning, specializes in advanced composite materials, precast systems, and structural rehabilitation. He has over 16 years of experience, published 90+ papers, and serves on editorial boards for leading journals.



ONLINE

**Topic:**  
**Different Ways of Exploring the World of UHPFRC and Case Studies**

**Peter Buitelaar**  
Independent Researcher

With 40 years of experience, Peter Buitelaar is a leading UHPC expert, consulting on its composition, application, and production. He has authored 60+ publications and developed innovative solutions, such as a reinforced UHPC overlay for steel deck strengthening in bridges.



ONLINE

**Topic:**  
**Developing UHPFRC for Structural Elements with Aesthetic Values**

**Bendt Aarup**  
R & D Manager  
Hi-Con A/S

He has worked for UHPC as a project manager since 1987. He was involved in the first practical applications started in 1994. He is employed as an R&D manager and precaster at Hi-Con, where they produce precast UHPC in Northern Europe. More than 30 papers on applications and sustainability of precast UHPC have been published by him.



**Topic:**  
**Development to market for Textile Reinforced Concrete**

**Dr. Smitha Gopinath**  
Senior Principal Scientist CSIR-Structural Engineering  
Research Centre, Chennai

Dr. Smitha Gopinath, Senior Principal Scientist at CSIR-SERC, Chennai, specializes in textile-reinforced concrete and structural repair, with over 80 publications and 3 patents. She has earned multiple prestigious awards, including the ICI-Young Scientist Award and recognition as one of India's Most Inspiring Women Engineers & Scientists.



**Topic:**  
**Structural Light Weight Concrete - Mix Design Methodologies, Properties Achievable and Technical Specifications**

**Dr. Dinakar Pasla**  
Professor (Civil Engineering)  
IIT Bhubaneswar

Dr. Dinakar Pasla is a Professor at IIT Bhubaneswar and Dean of Sponsored Research & Industrial Consultancy, with expertise in structures and materials. He has global recognition, ranking among the top 2% scientists worldwide, and chairs the ICI Bhubaneswar Chapter.



**Topic:**  
**Need for Development of Low Carbon Concrete Code for India**

**Vijay R. Kulkarni**  
Founder-Director  
Low Carbon Construct Forum

Er. Vijay R. Kulkarni, Founder-Director of Low Carbon Construct Forum, is a distinguished concrete technologist with over 40 years of experience in concrete innovation, quality standards, and R&D. He has held key leadership roles in ICI & contributed significantly to the development of sustainable construction practices.



**Topic:**  
**Causes of shrinkage in Flooring and usage of shrinkage controlled concrete**

**Ajay Singam**  
 Director  
 Avcon Techniccs Pvt. Ltd.

Ajay Singam is the Director of Avcon Technics Pvt. Ltd. and Rocland Pvt. Ltd., leading companies in industrial flooring solutions and drymix construction chemicals. With over 25 years of experience, he is also the Founder and President of the Industrial Flooring Association (IFA).



ONLINE

**Topic:**  
**GFRC for Infrastructure and High-Rise Facades**

**Bob Faulding**  
 Founder  
 PBS Synergies Group

He is the founder of the PBS Synergies Group, which specializes in the manufacture, testing, and installation of architectural glass fibre reinforced concrete claddings. On BSI Committee B/524: Precast Concrete, he serves as the technical representative of the British Measurement and Testing Association (BMTA). He has been working in precast concrete for nearly 40 years.



**Topic:**  
**Concretes for Radiation Shielding, mix design, tests and case studies**

**Dr. (Er.) Manish Mudgal**  
 Chief Scientist and Head - CSIR

He is a Chief Scientist & Head Centre for Advanced Radiation Shielding & Geopolymeric Materials (CARS&GM), CSIR-Advanced Materials & Processes Research Institute (AMPRI) Bhopal (MP) Though he has a doctorate in Civil Engineering, he specializes in Environmental Engineering. He has handled 96 projects. He has been granted 3 US patents.

## Why Attend the Conference? Sponsor the Conference?

-  B2B meeting with Experts
-  Knowledge Dissemination
-  Networking with Speakers & Exhibitors
-  Business Expansion
-  Product Positioning among the target audiences





# SPONSORSHIP CHARGES

**Patron: ₹5,00,000/-**

Deliverables and offerings:

- Act as partner of CEMCON & 10 mins presentation slot - 1<sup>st</sup> day, 1<sup>st</sup> session
- 5 Complimentary Delegates
- 2 stall spaces and 1 Banner
- 5 mins video during breaks (3 times per day)

**Platinum: ₹3,00,000/-**

Deliverables and offerings:

- 10 mins presentation slot - 2<sup>nd</sup> day, 1<sup>st</sup> session
- 3 Complimentary Delegates
- 1 stall space and 1 Banner
- 5 min video during breaks (2 times per day)

**Gold: ₹2,00,000/-**

Deliverables and offerings:

- 5 mins presentation slot - session post lunch/tea breaks
- 2 Complimentary Delegates
- 1 stall space and 1 Banner

**Silver: ₹1,00,000/-**

Deliverables and offerings:

- 5 mins video during other breaks
- 1 Complimentary Delegate
- 1 Banner

**Stall: ₹50,000/-**

Deliverables and offerings:

- 2 Delegates
- 1 stall space

**Banner/Standee:  
₹15,000/-**

Deliverables and offerings:

- 1 Banner/Standee

\*18% GST additional applicable for all Sponsorship Category

## DELEGATE FEES

Professionals:	₹3500/-
ICI/Associate Organization Members:	₹2500/-
Students:	₹1200/-
ICI/associate org. Student Chapter Members:	₹1000/-
Spot registration:	₹4000/-

\*18% GST additional applicable

**Early Bird Discount  
15% Till 28<sup>th</sup> February 2025**

For Registration Visit:  
<https://icipunecentre.org/cemcon2025/>

**Bulk Discount available for  
5 or more members.**

**For Bulk Discount Call: +91 8669988901**

## For Net Banking

Name of the Account : INDIAN CONCRETE INSTITUTE(Pune Centre)  
Account Number : 60088727130  
IFSC Code : MAHB0000330  
Payee Bank : Bank of Maharashtra, Erandwane  
(\*Cheque should be drawn in favour of 'INDIAN CONCRETE INSTITUTE Pune Centre' payable at Pune)



Scan this QR Code  
for Registration

**Indian Concrete Institute Pune Centre**

+91 8669988901

icipunecentre@gmail.com

www.icipunecentre.org

Conceptual Partner



**FOR PARTNERSHIP**

+91 8669988901