

CEMCON 2025

Special Concretes:
Innovation, Challenges
and Case Studies

Date: 21st - 22nd March 2025

Venue: NICMAR University, Pune

Conference Convener:

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

Venue Partner

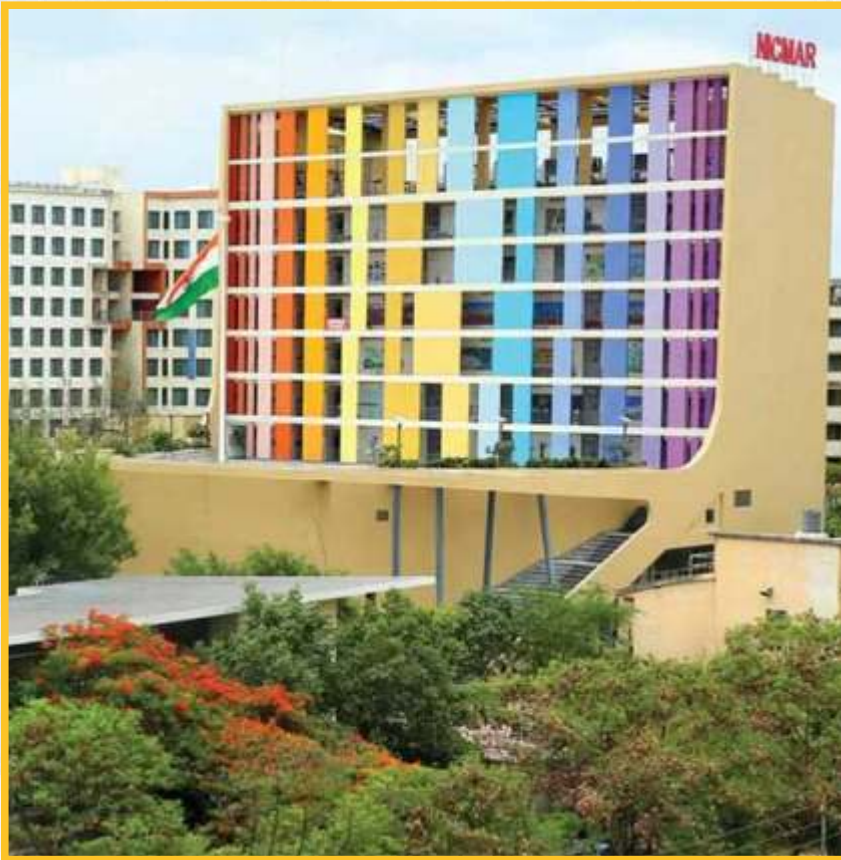


CEMCON is a marquee event in Western India, organized by the Indian Concrete Institute, Pune Centre. The event marked its Silver Jubilee in December 2020 and over the years it has provided the platform for innovation, knowledge-sharing, and advancements in concrete technology. Over the years, CEMCON 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

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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:
**Shrinkage Compensated
 Concretes for Flooring
 Applications with Case
 Studies**

Ajay Singham
 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 - 1st day, 1st 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 - 2nd day, 1st 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 28th February 2025**

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

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