

ICI-Bangalore Centre

Report on Concrete Panorama and Deminar 2017

Indian Concrete Institute – Bengaluru Centre conducted its annual flagship event Concrete Panorama & Deminar 2017 on 1st - 2nd March 2017 at Nimhans Convention Centre, Bangalore. The **8th - Edition of CONCRETE PANORAMA & DEMINAR**, was a 2-day International event and the theme for this year was "**MYRIAD MANIFESTATIONS OF CONCRETE**" showcasing the latest developments in India and abroad pertaining to the world of Concrete.

The **DEMINAR** is a unique feature of "Concrete Panorama" wherein live demonstrations of application of Concrete are carried out, simulating field conditions, which was beamed live to the audience in the seminar hall. In addition, the event also portrays an elaborate exhibition, exhibiting various materials and technologies pertaining to the field of Concrete.

This event was organized in association with "Association of Consulting Civil Engineer-ACCE(I), Structural Engineers World Congress (SEWC), Association of Waterproofing Contractors (AWC), Ready-mixed Concrete Manufacturers Association (RMCMA) of India, INSTRUCT, Construction Chemical Manufacturers Association (CCMA) in India and Media Partner THE Masterbuilder. These professional Associations, amongst their endeavors, promote practices towards ensuring good quality of Concrete and encourage use of latest technologies in the Construction Industry. in India & abroad.

THEME OF DEMINAR 2017:

MYRIAD MANIFESTATIONS OF CONCRETE: Concrete is the most versatile and accessible construction material so much so that it is ubiquitous in our built environment - be it in buildings, roads, bridges, railways, dams or special structures. It is unquestionably the most versatile construction material which is also sustainable compared to presently available alternatives. Concrete is a constantly evolving material showing greater potentials in areas that are hitherto unexplored / unexploited. The humongous growth in use of Concrete on Global scale is majorly due to the rapid industrialization of developing countries such as China and India. In the developed world, demand is driven more by the need to replace, repair and retrofit existing structures / infrastructure.

Concrete carries inherent basic properties such as ease of manufacture, mouldability, compressive strength and thermal comfort in addition to its newer properties like environmental friendliness, fracture toughness, ductility, self-leveling, self-curing, self-healing, aesthetics etc. Special concretes are specially designed to achieve one or more properties, behavior, composition or performance that are superior compared to conventional concrete. It is up to the end-user and designer to harness the wide properties and capabilities of different types of concrete so as to derive the best of the benefits and build the best of Structures for the benefit of mankind and the World.

The DEMINAR (a combination of live-demonstration and seminar) organized by ICI – Bengaluru Centre, provided a unique platform for learning. This time the subject of **Myriad Manifestations of Concretes** was chosen to provide an opportunity for the companies that are involved in the production of Special Concretes and to demonstrate the feasibility, materials, procedure and care involved. This provided not only an awareness but also confidence to the participants to use these special variants with their distinct advantages.

Day 1 – Wednesday 01st March 2017:

Technical Session – 1: Presentations

Dr. Justin KIM (Byung-Gi) – Key Note Address:
Technology Innovation on Concrete Admixtures-PCE Platform

Dr. Mangesh Joshi, MD, Sanracahana –
Structural Strengthening using Advanced Polymer Composites

Er. Krishna Balamurali, NV Dynamics Pvt. limited. –
Civil Structural Vibrations – The growing importance and Considerations

Er. Vijay Kulkarni, BASF – Corporate Presentation

Er. Sudish M S, Pidilite Industry Ltd – Corporate Presentation

DEMONSTRATIONS: DAY-1

Demonstration of 3-D Printing of Concrete – By Er. Renuka Prasanna, UltraTech Cement Limited

Demonstration on Slump Enhancing Admixture – By Er. Mohit Mittal, Chryso.

Demonstration of MEGACRETE – An Ultra High strength concrete – By Er. Prakash Srinivasan, RMC ReadyMix (India).

Demonstration on Master Ease – A ground breaking admixture for low-viscosity concrete.
By Er. Anil Anjanappa, BASF

Day 2 – Thursday 02nd March 2017:

Technical Session – 2: Presentations

Er. Ravishankar. M -
Overview of Quality Aspects and Certification of RMC Plants.

Er. Neelesh Desai, BHS –
Presentation on efficient mixing of Pre-cast and UHPC concretes with BHS Twin-shaft mixer.

Er. M N Ramesh –
Presentation on Ultra High Performance Concrete.

Er. Yatin Josh –

Presentation by Ambuja Cement Limited (Alccofine Products).

Er. B S Nagesh -
Technical Presentation on Moisture Meter.

DEMONSTRATIONS: DAY 2

Demonstration of heat resistant Concrete - Er. Raghunath, Protect Group & UltraTech

Fosroc Solutions for Pre-cast Concrete aimed at affordable Housing - BY Er. Shivaprakash. G

There was a **participation of 920 (600 plus Industry + 320 Students) delegates** which include applicators, producers, construction industry, structural consultants, building material manufacturers decision makers from Govt. Agencies such as BBMP, Bangalore Metro, Bangalore Development Authority, CPWD, PWD, BWSSB, KRDC, KUIDFC etc, across India and abroad for the two-days event.

INAUGURAL FUNCTION ICI-Bangalore Centre, Concrete Panorama & Deminar 2017

Chief Guest: Dr. Justin Kim General Manager, Group Technology Cement and Concrete - Fosroc International	
<u>Presided by:</u> Dr. Manamohan R. Kalgal President – Indian Concrete Institute	
The Guests of Honor:	
Er. Vivek Naik President Elect – ICI	Er. K Jayasankar Vice President (South) – ICI
Er. M Ravishankar G.C. Member – ICI	Er. R Radhakrishnan Secretary General – ICI
<u>Welcome Address by:</u> Dr. Aswath M U , Chairman ICI-Bengaluru Centre.	
Address by Guests of Honour: Dr. Manamohan R. Kalgal , President, Indian Concrete Institute, gave the presidential address followed by the briefing of Deminar 2016 highlights.	
Vote of thanks – Er. Kaushik Hajra , Secretary, ICI-BC.	
Dr. C V Srinivasa, Er. H R Girish, Dr. R V Ranganath, Mr. M N Ramesh & Dr. Bharathi Ganesh, were the Anchor two day program. All the senior members of ICI-Bangalore Centre, advisory committee members and or committee members actively participated in the event to make the program a grand success.	

Exhibition of products, materials, systems, equipment related to Myriad Manifestation of Concrete.

1. 38 Exhibitors – Most No. of Stalls from the previous Deminar’s (Details of Chief Patron – 01 & Associate Patron – 04, Sponsors – 6, exhibitors - 24, Supporting Organisations – 02 & ICI-Student Chapter Activities – Stalls 03)

Felicitation of Industry Professional – Unsung Hero.

1. Er. Renuka Prasanna. K
2. Er. Radhakrishna
3. Er. Paul Varghese
4. Er. Kowshik V R
5. Sri. Mahesh R Hiremath
6. Er. Nagesh Puttaswamy
7. Er. N R Ashok

• Student Chapter Activity for Concrete Panorama:

1. Prize for Best Student Model Making Competition:

1st PLACE: B M S College of Engineering, Bengaluru.

2nd PLACE: Sri Jagadguru Chandrasekaranathaswamiji Institute of Technology, Chikkaballapura.

APPRECIATION: Cambridge Institute of Technology, Bengaluru.

2. Prize for Best Student Movie Making Competition:

1st PLACE: Bangalore Institute of Technology, Bengaluru.

2nd PLACE: Cambridge Institute of Technology, Bengaluru.

APPRECIATION: S J B Institute of Technology, Bengaluru.

3. Skit & Presentation Making Competition:

1st PLACE: B M S College of Engineering, Bengaluru.

2nd PLACE: S J B Institute of Technology, Bengaluru.

- **BEST DEMONSTRATION AWARDS:**

1. RMC Readymix (India)
(A Division of Prism Cement Limited) –
Demonstration of MEGACRETE – An Ultra High Strength Concrete
2. Fosroc Chemicals India Private Limited –
Solutions for Precast Concrete Aimed at Affordable Housing.

Jury Appreciation Award: Special Mention for the new Technology used by UltraTech Cement (along with Ethereal Machines) for the first time live – 3 D Printing Concrete.

- **BEST EXHIBITION:**

1. UltraTech Cement Limited
2. RMC Readymix (India)
(A Division of Prism Cement Limited)

Jury Appreciation Award: Talrak Construction Chemicals Private Limited, Bangalore.

- **Interactive Session with the Industry Experts:**

1. Sri M N Ramesh
2. Er. N N Nagendra Kumar
3. Dr. R Nagendra
4. Dr. Aswath M U
5. Er. Rajesh Pandit
6. Ar. Jaisim

Program ended with National Anthem

PHOTOS ENCLOSED:-

ICI – DEMINAR 2017 PHOTOS







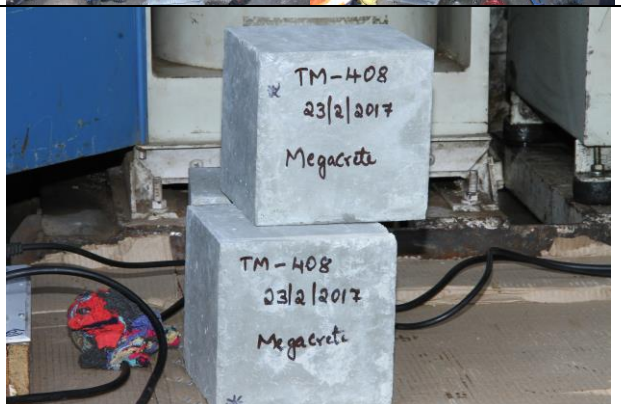




Presentation by Dr. Justin Kim



**Demonstration of MEGACRETE – An Ultra High strength concrete –
By Er. Prakash Srinivasan & Team M/s. RMC ReadyMix (India).**



Demonstration By: M/s. Protect Infrastructure Systems Pvt Ltd



**Demonstration of 3-D Printing of Concrete
By M/s. UltraTech & Protect Groups With Team Ethereal**



Felicitation to Industry Professionals during the DEMINAR 2017

