



**INDIAN CONCRETE INSTITUTE**  
BENGALURU CENTRE, KARNATAKA



In Association with

**BMS COLLEGE OF ENGINEERING,**  
**BENGALURU**

**PRESENTS**  
**TWO DAY NATIONAL SEMINAR ON**  
**RESEARCH AVENUES IN CONCRETE**  
**TECHNOLOGIES**

*(Smart Techniques and Solutions for Realistic  
Problems in Constructions)*

*On 25th & 26th October 2019, Saturday*  
*Venue: Auditorium, BMSCE, Bengaluru.*

*Introduction:* CONCRETE - is the most consumed material in the World, next to water. Today, large scale Construction projects cannot be thought of without Concrete. The Olympic motto of "Higher, Faster, Stronger" seems to be exactly similarly to the performance demand of Concrete today. As buildings 'grow' taller and projects become bigger, the Construction Industry professional's goal is to provide best-in-class construction materials. Materials that meet the ever perpetual need of time-cost-quality-environment-safety and also have characteristics precisely addressing the changing dynamics of locational requirements are the need of the hour. Another fruitful avenue of research lies in the study of the materials which precisely meets all these aspirations and more.

All Stake holders in any Construction project necessarily need to have proper understanding of this agile and versatile material as well as understand the immense intrinsic advantages that CONCRETE

provides. To ensure that maximum benefit accrues by adopting Concrete, one also needs to have a proper understanding of Design, preparation and placing of this amazing material.

Master of Ceremonies for entire Seminar by Er. H. R. Girish.



### **Dignitaries - Lighting the lamp during the Seminar:**



### **Lectures given by the eminent speakers during the Seminar:**

*Session 1 : Dr. Narayan V. Nayak :  
Keynote address on -*

## *Practical R & D Innovations in Concrete Technology - Part 1 & Part 2*

**Session 2: Mr. G.H. Basavaraj :**

**Presentation on - *Integration of Structural Systems & New Generation Concrete Materials Science for Performance***

**Session 3: Prof. B. A. Patil :**

**Presentation on - *Smart Structures and Research Challenges***

**Session 4: Dr. R V Ranganath :**

**Presentation on - *Geopolymer: An Alternative Binder***

**Session 5: Dr. C. C. Abhijith :**

**Presentation on - *Current Research Trends in Civil Engineering***

**Session 6: Dr. R Nagendra:**

**Presentation on - *Shrinkage cracks in concrete - Research needs***

**Session 7: Er. Ravishankar M :**

**Presentation on - *Readymixed Concrete- Innovations in Production and Process***

*Photo gallery:*



Felicitation to **Dr. B V Ravishankar**,  
Principal, BMSCE, Bengaluru &  
**Dr. P Prasanna Kumar**, Prof & Head, Dept. of Civil Engineering, BMSCE

**Keynote speaker: Dr. Narayan V Nayak**

Principal Advisor, Gammon Engineers & Contractors Pvt. Ltd. Mumbai

**Topic:**

**Practical R & D Innovations in Concrete Technology –  
Part 1 & Part 2**



**Session 2: Mr. G.H. Basavaraj**

**Presentation on – Integration of Structural Systems & New  
Generation Concrete Materials Science for Performance**



Session 3: Prof. B. A. Patil  
Presentation on –  
“Smart Structures and Research Challenges”



Session 4: Dr. R V Ranganath  
Presentation on –  
“ Geopolymer: An Alternative Binder ”



Session 5: Dr. C. C. Abhijith  
Presentation on –  
“Current Research Trends in Civil Engineering”



Session 6: Dr. R Nagendra  
Presentation on –  
“Shrinkage cracks in concrete - Research needs”



## Session 7: Er. Ravishankar M

### Presentation on –

# “Readymixed Concrete – Innovations in Production and Process”



## PENNAL DISCUSSION







**Vote of thanks:** Given by **Dr. RL Ramesh**, Secretary ICI-BC thanked all the members present in the seminar & also thanked the Dignitaries on Dias, Speakers, Sponsors and Coordinators of ICI-BC, to conduct the program successfully & delivered the vote of thanks. The Seminar witnessed 250 enthusiastic participation by Delegates through interactive Q&A sessions. At the end of the session, Delegates were appreciative of the way the Seminar was conducted and tangible advantages that they derived.

**THANK YOU**