



INDIAN CONCRETE INSTITUTE

Bengaluru Centre, Karnataka

In Association with

Department of Civil Engineering,

Bangalore Institute of Technology, Bengaluru

National Seminar On



“NEW AGE CONCRETES FOR HOUSING AND INFRASTRUCTURE PROJECTS”

On Friday, 22nd July 2022 at 9.30 AM

**Venue: Seminar Hall, 2nd Floor, Bangalore Institute of Technology (BIT),
K R Road, V.V. Puram, Bengaluru - 560004**

INTRODUCTION: The construction industry is changing rapidly, and new materials and technologies are being introduced on a regular basis for housing & infrastructure projects. Execution of construction projects and their timely delivery has become a prime concern, in view of the buyer’s agitation on delay in construction. Especially after RERA, which emphasises the need for timely completion of projects, adoption of modern technologies has become the need of the hour. Rising industrial, residential and commercial growth is driving demand for faster construction and world-class quality. It has become imperative to use newer products and technologies to meet this increasing demand.

The construction industry in India is at the cusp of innovative change with new materials, building technology, software, digitization and artificial intelligence changing the way we conceptualize, build, and use our buildings. After continuously exploring new technologies that improve the quality, strength and safety of the buildings. In metro cities, few have started using self-climbing formwork, aluminum shuttering, precast concrete techniques and drywall systems. These technologies are not only cost-effective, but offer advantages such as minimal labour required, higher earthquake resistance, more durability, larger carpet area, smooth finish on walls, and lower maintenance. Such technologies not only reduce the turnaround time but also improve the quality and durability of construction, and help in generating more interest in affordable housing projects.

EMINENT SPEAKERS FOR ONE-DAY NATIONAL SEMINAR

Topic: "Potential of Structural Masonry for Housing Projects"



Dr. S. Raghunath
Professor, Department of Civil Engineering, BMS College of Engineering, Bengaluru

Topic: "LGS- Composite Partition Wall and LGS Composite Load Bearing Wall"



Dr. R. Gopalan
Director & CEO, RV-TIFAC Composites Design Centre, established by Government of India in Bangalore

Topic: "Future of Concrete' - In Housing & Infrastructure Projects"



Er. G Sreenivasa
Formerly V P & Head – White topping & RMD Technology, UltraTech Cement Limited, Bengaluru.

Topic: "Challenges in Concrete during Mixing, transporting & placing and solutions"



Er. G Shivaprakash
National Manager – Admixture System, M/s. Fosroc Chemicals (India) Pvt. Ltd, Bengaluru

Topic: "Ultrafine Range of Innovative Products"



Er. Ajay Pathik
CEO, Ultrafine Mineral & Admixtures Private Limited, Mumbai



SEMINAR – CHAIRMAN
Dr. R Nagendra
Senior Director, M/s. Stedrant Technoclinic Pvt Ltd. Bengaluru

INAUGURAL & LIGHTING OF LAMP



Dr. M U Aswath, Principal, B.I.T, Bengaluru, **Dr. H B Balakrishna**, Professor & Head, Dept. of Civil Engineering, B.I.T, Bengaluru, **Dr. R Nagendra**, Chairman, Seminar, **Dr. L R Manjunatha**, Hon. Chairman ICI(BENC) & **Dr. RL Ramesh**, Secretary ICI(BENC)

Lectures given by the eminent speakers



Session 1: "LGS- Composite Partition Wall and LGS Composite Load Bearing Wall"
Dr. R. Gopalan, Director & CEO, RV-TIFAC Composites Design Centre, Bangalore.



Session 2: "Potential of Structural Masonry for Housing Projects" by Dr. S. Raghunath, Professor, Department of Civil Engineering, BMS College of Engineering, Bengaluru.



Session 3: "Ultrafine Range of Innovative Products" by Er. Ajay Pathik, CEO, Ultrafine Mineral & Admixtures Private Limited, Mumbai



Session 4: Presentation on – **“Challenges in Concrete during Mixing, transporting & placing and solutions”** by **Er. G Shivaprakash**, National Manager – Admixture System, M/s. Fosroc Chemicals (India) Pvt. Ltd, Bengaluru.



Session – 5: Presentation on – **“Future of Concrete' - In Housing & Infrastructure Projects”** by **Er. G Sreenivasa**, Formerly V P & Head – White topping & RMD Technology, UltraTech Cement Limited, Bengaluru.





Vote of thanks: Given by **Dr. RL Ramesh, Secretary ICI-BENC** thanked all the members present in the seminar & also thanked the Dignitaries on Dias, Speakers, Sponsors and Coordinators of ICI-BENC, to conduct the program successfully & delivered the vote of thanks. The Seminar witnessed 200 enthusiastic participation by delegates through interactive sessions. At the end of the session, Delegates were appreciative of the way the Seminar was conducted and tangible advantages that they derived.