



**INDIAN CONCRETE INSTITUTE**  
*BENGALURU CENTRE, KARNATAKA*

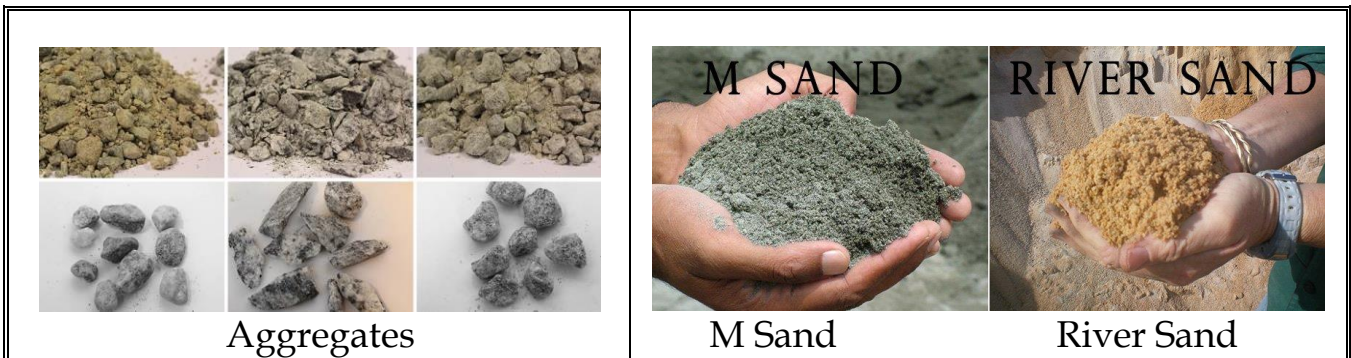
*PRESENTS*

*ONE DAY SEMINAR ON*

**BETTER AGGREGATES FOR CONCRETE &  
ALTERNATIVES TO RIVER SAND**

*7<sup>th</sup> December 2017, Thursday*

*Venue: The Capitol Hotel, Raj Bhavan Road,  
Bengaluru – 560 001*



## Introduction:

High quality Buildings and Infrastructure projects are possible only by ensuring consistent good quality materials and processes. Concrete has played and continues to play a pivotal role in the Construction Industry. As a basic but vital Construction Material, the versatility of Concrete is unparalleled. In fact, as on date, there is hardly any alternative to Cement Concrete available. Fine and Coarse Aggregates form the vital building blocks of Concrete. They determine the functionality and durability aspects to such a large extent that any compromise in quality or quantity of these make the Concrete redundant from intended use.

Sourcing of quality Aggregates has become a challenge in recent times. Increased awareness of the catastrophic effect of mining on River Sand has highlighted rapid Environmental degradation which is unacceptable. To address these challenges, innovative approaches need to be adopted to identify equivalent or better alternatives so as to ensure sustained supply and enhanced performance of the Aggregates in Concrete.

Indian Concrete Institute–Bangalore Centre, Karnataka has always been at the fore-front of identifying such challenges in early stages and facilitate quick but resilient solutions. ICI-BC has played and continues to play a pivotal role in the dissemination of application-oriented knowledge to its members and the Construction fraternity. In this endeavor, ICI-BC is organizing this 1-Day Seminar aimed at Civil Engineers, Architects and all those connected with the Construction & Infrastructure Sector. In addition, Aggregate manufacturing companies, Equipment manufacturers and Governmental decision makers are also expected to participate.

The Seminar is intended to serve as a platform for appraising and articulating on latest development in aggregates that form an integral form of good quality Concrete.

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

Er. S M Prasad, topic on “Manufactured Sand / Slag Sand”

Dr. R Nagendra, topic on “Crushed Stone Sand, Plaster Sand, latest revision in IS-383 (codal provisions)”

Dr. R V Ranganath, topic on “Pond-ash as Alternate to River Sand”

Er. R S Raghavan, topic on “Aggregate Manufacturing Machinery”

Er. Mohan Ramanathan, topic on “C&D Waste (Construction & Demolition Waste) as Aggregates”

## Panel Discussion on Aggregates:

### Moderator:

Dr. Manamohan R Kalgal

### Panelists on the Dias:

Dr. Aswath MU

Er. BVB Pai

Er. Sreenivasa Reddy

Er. Nafeesuddin

Er. Suresh Rao

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

## Photo gallery:



## Inauguration & lighting the lamp during the seminar



Sponsors:



M/s. J S W Steel Limited



M/s. Proman Infrastructure Service Ltd



M/s. Robo Silicon Pvt Ltd



M/s. Gunita Technomix

Speakers:



Sri S M Prasad



Dr. R Nagendra



Dr. R V Ranganath



Sri R S Raghavan



Sri Mohan Ramanathan

Interaction section:



Panel discussion, Q&A interactive session had during the one day seminar by Dr. M R Kalgal, Er. Nafeesuddin, Er. Suresh Rao, BVB Pai, Er. Sreenivasa Reddy & Dr. Aswath M U



Vote of thanks: Given by Dr. Radhakrishna, 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 150 enthusiastic participation by Delegates through interactive Q&A sessions. Proceedings of the Seminar included enlightening technical write-ups about aggregates and presentations made by various speakers. The ambience and venue chosen for the Seminar came in for all round praise by the participants. Tea-breaks and lunch sessions witnessed good networking and good interaction. At the end of the session, Delegates were appreciative of the way the Seminar was conducted and tangible advantages that they derived.

THANK YOU