

One-day Seminar in

**HONOUR OF PROF. M S SHETTY**

# **FUTURE OF CONCRETE**

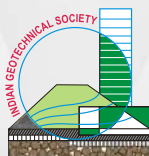
Date: 25<sup>th</sup> September 2019

Venue: Hotel Sheraton Grand,  
Raja Bahadur Mill Road,  
Sangamwadi, Pune

## Organised By



Indian Concrete Institute  
Pune & Mumbai Centre



Indian Geotechnical Society  
Pune Chapter



Builders' Association  
of India

## Supported By



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It has always been a fascinating exercise to peep into future. When it comes to a venerable and time tested material like concrete, the exercise not only becomes fascinating but also challenging. There is no doubt that Portland cement-based concrete has proved to be a versatile material of construction. It has innovated & adapted itself to the changing needs of the construction industry, thus establishing sweeping dominance throughout the world - it has achieved the distinction of being the most used manmade material on the earth! Presently, no commercially-viable alternative seems to be emerging to concrete. But the million dollar question is: can this remain so in the future too?

With a view to deliberate and explore the Future of Concrete, the Indian Concrete Institute (ICI) will be holding a One-day Seminar on the topic on September 25, 2019 at Sheraton Grand, Raja Bahadur Mills road, Pune.

ICI is pleased to dedicate the Seminar on the occasion on celebration of 90th birthday and to Honour the veteran Technocrat and well known Concrete Technologist Prof M. S. Shetty, who has contributed enormously to the technical education in cement and concrete in India.

## MAIN THEMES & SPEAKERS

The Technical Committee of ICI has succeeded in garnering the support of some of best technocrats / researchers in India and abroad to speak on the topics of their respective expertise.



## SPEAKERS & TOPICS

### Er. Vijay Kulkarni

Introduction to Theme: Futuristic Concrete Industry Scenario in India

### Er. Ravindra Gettu, President-RILEM

Importance of mineral admixtures for future from durability and sustainability perspectives

### Dr. Jitendra Jain, Sr. Research Scientist Solidia Technologies, USA

Environmental, Economic Impact and Durability of Carbonated Calcium Silicate Concrete

### Dr. Smitha Gopinathan

Potential of Textile Reinforced Concrete in the Future of Concrete

### Dr. Charbel Aoun

Service Life Prediction Models for Concrete

### Dr. Manu Santhanam

3D Printing of Concrete: Current Status and Future Prospects

## REGISTRATION

**Rs. 3500**

Per Person + GST

**Rs. 3000**

ICI, IGS & BAI Members

To register online by filling the form visit [www.icipunecentre.org](http://www.icipunecentre.org) (online payment can be done) To register offline you can fill the given form and submit it to ICI Pune centre. Payment can be done by cheque or online funds transfer on the details given below. (In this case please enclose proof of transaction along with your registration form)

Name of the Account: Indian Concrete Institute (Pune Centre) | Name of the Bank: Bank of Maharashtra  
Branch: Erandawana, Pune 411004. | Account Number: 60088727130 IFSC: MAHB0000330 GSTIN: 27AAAT10256J1ZQ

For any queries contact **+91 86699 88901**

# SCHEDULE

09.00 - 10.00	Registration & High Tea	15.00 - 16.00	Technical Lecture 4
10.00 - 10.30	Inauguration	16.00 - 16.45	Technical Lecture 5
10.30 - 11.30	Technical Lecture 1	16.45 - 17.00	Presentation
11.30 - 11.45	Technical Presentation by Sponsorer	17.00 - 17.45	Technical Lecture 6
11.45 - 12.45	Technical Lecture 2	17.45 - 18.15	Concluding Session
12.45 - 13.45	Lunch break	18.15 - 18.45	Tea Break
13.45 - 14.45	Technical Lecture 3	18.45 - 19.45	Felicitation of Prof. M S Shetty
14.45 - 15.00	Presentation	19.45	Fellowship & Dinner



## COMMITTEE STRUCTURE

### Organising Committee

Er. Ujwal Kunte (Convener)	Er. Gopal Roy	Dr. Y A Kolekar	Mr. Rishi Kohli
Er. Ramesh Kulkarni	Dr. Vishal Thomabre	Er. Jayant Deogaonkar	Mr. Sujay Surlaker
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Er. Ashwin Moghe	Er. Manoj Kawalkar	Er. Sunny Surlaker	
Dr. Himanshu Rajee	Er. Vikas Patil	Er. Brijesh Malviya	

### National Advisory Committee

Er. Vijay Kulkarni (Chairman/Seminar Convener)	Dr. Ramchandra	Er. Mukesh Kewalramani	Dr. Sunil Pimplikar
Dr. Manmohan Kalgal	Dr. A. K. Mullick	Er. Amit Sandal	Er. Mangesh Hardas
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	Er. Mukund Joshi	Er. R T Kulkarni	

# PROFESSOR M S SHETTY'S ROLE AND CONTRIBUTIONS TO THE DEVELOPMENT OF MODERN CONCRETE TECHNOLOGY IN INDIA



**Prof. M S Shetty** born on 25 September, 1929 is fondly known as Father of Concrete by many of his students & well-wishers. He obtained Masters in Civil Engineering from Pune University in 1960. Initially serving with Madras PWD and Indian Railways, he joined CME (College of Military Engineering) in Pune in 1959. He possesses a very long professional experience - of almost 65 years!

With this vast acquired knowledge in Concrete Technology, Prof. Shetty contributed immensely to education in concrete. He educated more than 2 lakhs Army Engineers (a mammoth task indeed!) who become the Project In-charge of various Mega Projects of Indian Army, Navy, Air Force & Border roads Organization. He has guided more than 45 Degree Engineers from the Ministry of Defence to obtain their Post Graduate Degree. He was also a member of the Board of Studies of Pune University at this time.

Prof. Shetty's book "Concrete Technology: Theory and Practice", first published in 1982 has remained as reference book to many. The book has seen eight editions & nearly 50 reprints!! Constant revision has given the book its status as a vital text book answering to the curricular needs of engineering colleges. All these years the book has been enjoying five-star status in India as per Google.

After his retirement in 1989. Prof. Shetty was associated with number of major construction companies - MC Bauchemie (Ind) Pvt. Ltd. UltraTech Cement Ltd., Delhi Metro Railway Corporation, - to mention a few.

In recognition of his long service, Prof Shetty was received numerous awards. Some of these awards included: Commendation Medal of Engineers in chief Army Headquarters New Delhi; Outstanding Concrete Technologist of Indian from India Concrete Institute; CM Shah Concrete Technology Award from Institution of Engineers, Pune Center; Meritorious Service Award from American Concrete Institute, Indian Chapter; Honored by Federation of Engineers, Karnataka on 15th September for distinguished service by an Engineer from Karnataka. "Life Time Achievement Award", a national award for the year 2017 bestowed by Indian Concrete Institute.

The ICI is pleased to dedicate this Seminar to honour Prof. M. S. Shetty, who has contributed enormously to the technical education in cement and concrete in India.

## ADDRESS FOR COMMUNICATION

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#### **Pune Centre**

C/o. CQRA Pvt. Ltd., Durocrete House 'Vimal' 84/1/1 Prabhat Road, Erandwane, Pune - 411004.