

# Institution of Engineers (India)

T.N. STATE CENTRE

## BULLETIN

Dr. G. Ranganath, FIE  
Chairman

Er. R. Ramdoss, MIE  
Honorary Secretary



Vol. 16 : No. 6

September 2017

### From the Chairman's Desk....



Dear Fellow Engineers,

My heartfelt greetings to all of you and happy to meet you all through this medium.

It is my immense pleasure to launch the technical activities of Tamilnadu State Centre with the fullest co-operation of all committee members.

I am very happy to share that the IE(I), Tamilnadu State Centre organized an All India Seminar on "Use of Admixtures and Construction Chemicals in Current Construction Industry" which was held on 10<sup>th</sup> & 11<sup>th</sup> August 2017 at IE(I), TNSC, auditorium under the aegis of Civil Engineering Division. This seminar was organized in a grand manner. The participants were from Government Organization, Industries and Engineering Colleges. Sponsors from various companies like L&T Geotechnics, Thiagarajar Polytechnic College, Bharathi Cement, Sika India Pvt Ltd., Fosroc Chemicals (India) Private Limited and Utracon, supported the event for its grand success.

I wish to inform you that 50<sup>th</sup> Engineers Day is to be celebrated on the theme "Role of Engineers in a Developing India" will be held on 15<sup>th</sup> September 2017 at IE(I), TNSC, auditorium. I wish all the members to participate in this celebration.

It is my desire to increase the membership strength of IE(I) Tamilnadu State Centre to a considerable level and to establish Students' Chapter in the Engineering Colleges and Polytechnic Colleges in and around Chennai. I seek the support of the Committee Members to achieve the goals.

I am happy to inform we are at the threshold of the grand event of IEI, the 32<sup>nd</sup> Engineering Congress in December 2017. Let us all join hands to make the Congress a grand success.

Pooja Holidays are fast approaching. I wish all our members and their families a Happy Saraswathi Pooja and Vijaya Dhasami. Let us all pray the Almighty to shower its blessings on all of us. An advance wishes for a Happy Deepavali.

**Dr. G Ranganath**  
Chairman

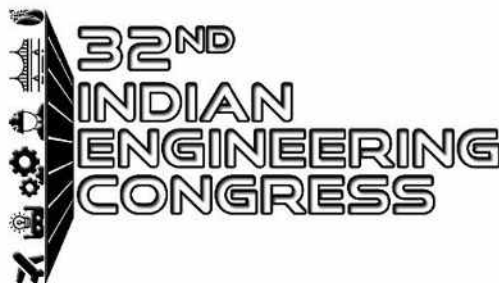
## The Institution of Engineers (India)

TAMILNADU STATE CENTRE

ORGANIZES



**VENUE**  
Le Royal Meridien,  
Chennai



**DATE**  
21<sup>st</sup>-23<sup>rd</sup>  
December, 2017

**THEME: INNOVATION IN ENGINEERING: COMPETITIVE STRATEGY PERSPECTIVE**

**CONGRESS SECRETARIAT:**  
32<sup>nd</sup> Indian Engineering Congress,  
Tamilnadu State Centre,  
No.19, Swami Sivanada Salai,  
Chepauk, Chennai 600 005.

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## REPORT OF ALL INDIA SEMINAR ON “USE OF ADMIXTURES AND CONSTRUCTION CHEMICALS IN CURRENT CONSTRUCTION INDUSTRY”



**Inaugural Session**



**Releasing of Souvenir**

The Institution of Engineers (India), Tamilnadu State Center organized a **Two day All India Seminar on “Use of Admixtures and Construction Chemicals in Current Construction Industry”** at the IE(I), TNSC, Chepauk, Chennai on 10<sup>th</sup> and 11<sup>th</sup> Aug 2017.

The seminar was presided over by **Dr. G. Ranganath**, Chairman IE(I), TNSC. **Dr. V. Karthikeyan**, the convener of the seminar briefed about the theme and need for the seminar. The distinguished Chief Guest **Shri.S.Kanappan**, Executive Vice-President and Chief Technology Officer, L&T Construction, Head and Chief Executive, L&T GeoStructure inaugurated the seminar and delivered the inaugural address. The Guest of Honour, **Shri Samir Surlaker**, President, Construction Chemicals Manufactures Association (CCMA), Vice President, Indian Concrete Institute (ICI) and the Special Guest, **Dr A R Santha Kumar**, Former Dean, CEG, Anna University, Chennai, Former Emirate Professor, IIT Madras addressed the gathering. Shri.Samir Surlaker delivered the keynote address.

The chief guest highlighted the needs of chemicals in special underground structures, tunnels and many more projects handled by L&T Geostructure. The Guest of Honour, Shri Samir Surlaker briefed about the current status of construction chemical industry. He expressed the need for more interaction of construction chemicals manufacturers with other professionals to solve the problems in Civil Engineering. The Special Guest, Dr A R Santhakumar emphasized the use of construction chemicals in large scale and fast track constructions.

He also stated that prevention is better than cure.

More than 100 delegates including builders, Government engineers, chemical industrialists, research scholars and students participated in the seminar. 20 Technical papers of civil engineering professionals like PWD Engineers, Industrialists, educationalists and students of IIT Madras, SERC, L&T, etc. presented their technical papers. Sika, Fosroc, CCP, and three applicators demonstrated the use of chemicals during the seminar. L&T and Bharathi cement explained the use of chemicals in their industries. Er Kamalakannan ED, Utracon explained the usage of construction chemicals in pre-stressed structures and invited all the delegates to participate actively in the technological developments. Dr B Sivarama Sharma, L&T talked about the reduction of global warming and conservation of natural water using construction chemicals. Participants enjoyed all these presentations and derived benefits with updated information.

This seminar created awareness to all the participants on the use of admixtures and construction chemicals in RCC, PSC and Precast constructions. It provided an insight on the use of chemicals during repairs, retrofitting, strengthening, rehabilitation and improvement of durability of the structures. It offered an opportunity for acquiring vital information on the use of chemicals in emerging new materials, special concrete, innovative and large scale constructions. Safe, economical and effective use of admixtures and

**(Contd. on page 3)**

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construction chemicals also were highlighted during the seminar.



Exhibition Stall

Construction engineers, researchers, entrepreneurs, builders, promoters, consultants, industry veterans and manufacturers actively participated in the seminar. This seminar made all delegates to understand the correct, safe, economical and effective use of admixtures and construction chemicals. Manufacturers were provided with an opportunity to expose their products to many engineers at a single point.

The valedictory function of the seminar commenced with the briefing about the proceedings of the seminar by Colonel. P.Nallathambi, Co-Convener. The valedictory address was delivered by the Chief Guest,

Shri R N Krishna, Former Secretary General, Indian Concrete Institute, Deputy Secretary General, Asian Concrete Construction Institute, Singapore and Chairman, Technical Committee on Concrete



Valedictory Session

Admixtures. He presented the current state and the need of BIS for use of construction chemicals in India. He explained that the provision to use the other country codes on construction chemicals, which are compatible for Indian conditions may be permitted by BIS. Many Asian countries were following the Euro codes and found it compatible with their local conditions. He distributed the certificates to the students and participants of the seminar. Er R Ramdoss, Honorary Secretary IE(I), TNSC proposed the vote of thanks.

To

**The Honorary Secretary**

The Institution of Engineers (India), Tamilnadu State Centre  
19 Swami Sivananda Salai, Chennai - 600 005

Dear Sir,

### CONTRIBUTION TO THE IEI-TNSC BUILDING DEVELOPMENT FUND

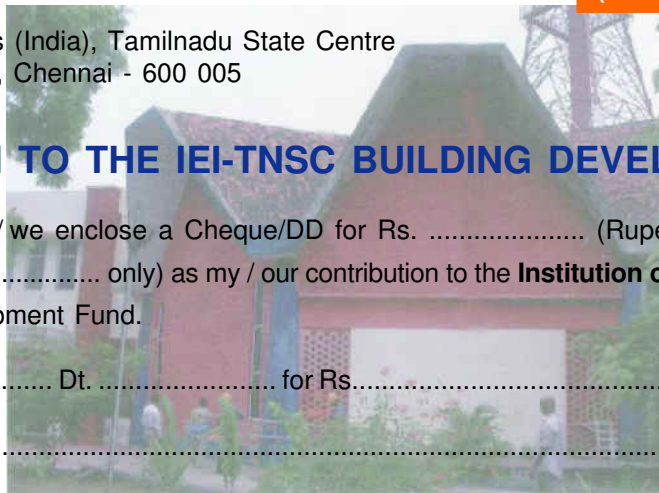
In response to your appeal, I / we enclose a Cheque/DD for Rs. .... (Rupees ..... only) as my / our contribution to the **Institution of Engineers (India), Tamilnadu State Centre** Building Development Fund.

Encl: Chq./DD No. .... Dt. .... for Rs. .... Yours faithfully,

From Address: .....

..... **Memb. No.** .....

**Make your contributions  
(Minimum Rs. 1000/-) through this slip**





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## TECHNICAL PROGRAMME FOR SEPTEMBER 2017

Lecture: 6.00 p.m.

Venue: IE (I) Auditorium (Unless mentioned otherwise)

Tea: 5.45 p.m.

15<sup>th</sup> Sept. 2017 50<sup>th</sup> ENGINEERS DAY on the theme "Role of Engineers in a Developing India"

### FORTHCOMING EVENTS

7<sup>th</sup> Oct. 2017 WORLD HABITAT DAY

13<sup>th</sup>&14<sup>th</sup> Oct. 2017 All India Seminar on "Technological interventions in total value chain of farming to double farm income"

14<sup>th</sup> Oct. 2017 WORLD STANDARDS DAY

3<sup>rd</sup>&4<sup>th</sup> Nov. 2017 31<sup>st</sup> National Convention of Aerospace Engineers on "Innovation, Trends and Strategies of Indian Aerospace Sector - Present and Future"

21<sup>st</sup>-23<sup>rd</sup> Dec. 2017 32<sup>nd</sup> INDIAN ENGINEERING CONGRESS

Licensed to post without pre-payment

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Posted at: Egmore RMS (Patrika)

## Bulletin

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