

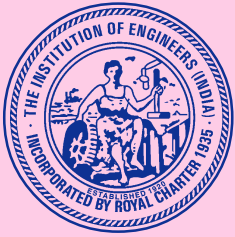
# Institution of Engineers (India)

T.N. STATE CENTRE

## BULLETIN

Chairman :  
Er. K.P. Ramanathan, FIE

Honorary Secretary :  
Er. D. Sundarasekaran, FIE



Vol. 14 : No. 10

January 2016

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

Dear Engineers,

#### AN APPEAL

A Special Meeting was held on 13th December 2015 at IE(I), TNSC premises to deliberate on the flood relief contribution to the affected people in Tamilnadu.

During the meeting, Chairman informed to the committee members to contribute for the flood relief contribution fund as given below:

Chairman informed that all we aware that Tamilnadu is badly affected by continuous heavy rain and flood during this December month 2015 and lots of residents at their houses and flats/huts at various places in Chennai flooded with water up to ground floor and some other places up to first floor and people were without food, shelter, electricity and even drinking water.

The Tamilnadu State Government is taking full efforts to feed the food, water, shelter and electricity for resuming their normal life. The Central Government also supporting the State Government for flood relief operation and all other supports to the State Government.

The some other State Governments of our country, Social Organizations, Individuals, Government Servants and Public are also extending their flood relief contribution to the State Government. All these happenings are also you might have heard through Newspapers / Medias.

Subsequent to the above subject, a special meeting was held today, it was deliberately discussed in detail and it was decided that, all the committee members to contribute minimum of Rs 2500/- towards flood relief fund.

It was also decided in the meeting that an appeal to be sent to all the corporate members of IE(I), TNSC to contribute liberally towards the flood relief fund and the detailed format will be given in the January 2016 bulletin. Also, this information will be sent to all the corporate members through e-mail.

Chairman also already requested to IE(I) Head Quarters to extend their flood relief contribution and send it to the Tamilnadu State Centre which will be much helpful and the same to be added along with the Tamilnadu State Centre contribution and it will be sent to the Tamilnadu State Government.

I request all the corporate members to contribute liberally for the flood relief contribution fund on (or) before 19th March 2016.

Thank you,

I will meet you again.

**Er K P Ramanathan**  
Chairman



### 30<sup>th</sup> Indian Engineering Congress held at Guwahati, Assam on December 17-20, 2015



Er K P Ramanathan, Chairman, IE (I), Tamilnadu State Centre congratulating Er H C S Berry, President, IE(I).



**Mr H C S BERRY, FIE**  
PRESIDENT, IE(I)

Mr H C S Berry, a resident of Chandigarh, is an alumnus of the erstwhile Thapar Institute of Engineering & Technology (currently Thapar University), from where he did his graduation in Civil Engineering way back in 1961. Mr H C S Berry started his career with the Irrigation Department, Government of Punjab and served in various capacities like Executive Engineer & Superintending Engineer spearheading various important projects. He superannuated as Chief Engineer. Mr Berry has unparalleled multifarious experience of over 35 years in the areas of Water Resource Management, Canal Water Distribution System & Irrigation Projects, Infrastructure Development, Hydro Electric Power projects, River work,

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**WISH YOU ALL HAPPY NEW YEAR 2016 & WISH YOU ALL HAPPY PONGAL**

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Drainage & Flood Control measures. He also has proven administrative experience of Controlling Establishments and conversant with public relation skills. Mr Hatesh Chander Syne Berry had been associated with The Institution of Engineers (India) over the last four decades. His active association with IEI started way back in 1993 when he became Member of Punjab & Chandigarh State Centre Committee. He became the Chairman of the Punjab & Chandigarh State Centre for the Session 2005-2007 and had been associated with IEI Council for almost a decade.

Mr Berry is extremely conversant with Institutional Bye Laws and Regulations, Financial Norms, Service Rules related matters. By virtue of his profound knowledge in these areas Mr Berry has served as Chairman for the following important Committees/Board namely Land & Building Committee, Civil Engineering Division Board, Bye-Laws Committee, Bi-partite Agreement Committee. Besides, he has been Member of Finance Committee, Examination Disciplinary Committee, Legal Committee, All India Students Committee, Service Rules & Headquarters Management Committee, Committee for Advancement of Technology & Engineering, BOG-NDRF, BOG-SDF, BOG-SQF, BOG-WMF, IMC-fib etc. Mr Berry is also a Member/former Member of the following prestigious bodies/societies: Executive Council of School of Planning & Architecture

New Delhi; Indian Council of Arbitration; International Council of Consultants and on the Panel of Consultants in Dispute Resolution Category; Indian Society of Construction Law; Governing Council of Thapar College of Engineering & Technology, Patiala; Board of Studies in Civil Engineering, Punjab University Chandigarh; Board of Studies in Construction Technology and National Institute of Hydrology - Roorkee. Mr Berry has travelled widely across the globe on various assignments and as a part of delegation team representing IEI and other professional societies. To mention a few - Member of Indian Delegation to attend IEA Convention held in Sydney, Australia in 2012; Member of Indian Delegation to attend Annual Civil Engineering Conference of American Society of Civil Engineers (ASCE) held in U.S.A. in 2013; Member of Indian Delegation to attend Annual Civil Engineering Conference of American Society of Civil Engineers (ASCE) held in Panama in 2014 etc. He has also visited U.K., France, Malaysia and Singapore on specific assignments. He is a keen golfer and member of Chandigarh Golf Club. He is socially well connected and associated with the prestigious Satluj Club, Ludhiana (Punjab).

IEI-Tamilnadu State Centre congratulate Mr H C S Berry, FIE President of IEI for the term 2015 - 2016. We wish him all the best for achieving all the IE(I) activities to high order during his tennure.

## 29<sup>th</sup> National Convention of Aerospace Engineers and National Seminar on "Aerospace Engineering: Innovative Practises and Future Trends"

27<sup>th</sup> & 28<sup>th</sup> November 2015



Dignitaries releasing the Souvenir and Compact Disc of 29th National Convention of Aerospace Engineers



The Institution of Engineers (India), Tamilnadu State Centre organised 29th National Convention of Aerospace Engineers and National Seminar on "Aerospace Engineering: Innovative Practises and Future Trends" under the aegis of Aerospace Division Board, IEI. This Convention is co-sponsored by Indian Space Research Organisation (ISRO) and Defense Research and Development Organisation (DRDO).

Totally 80 Technical papers were received. Out of which 40 papers were selected after rigorous selection process. Students from various Institutions, Technicians and Research Scholars from prestigious Organisations participated in this Convention.

The inaugural session of the convention was held at IE(I), TNSC Auditorium on 27th November, 2015 at 10 a.m. The

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**Felicitations to Eminent Engineer Dr N S Venkataraman, Former Director, MIT, Anna University**

inauguration was graced by Chief Guest Dr. B.T.N. Sridhar, Prof.&Head, Department of Aerospace Engineering, MIT, Anna University; Padmashree Prof. R.M. Vasagam FIE, Member, ASDB & Chairman, IE(I) Karnataka State Centre; Er. K.P. Ramanathan FIE, Chairman, IE(I) Tamilnadu State Centre; Er. D. Sundarasekaran FIE, Honorary Secretary, IE(I) Tamilnadu State Centre and Dr. J. Arivudainambi FIE, Convener, 29th National Convention of Aerospace Engineers.

Technical volumes like Souvenir book was published with the abstracts of the technical papers received and the same was also released in CD format.

Eminent engineers Dr. N.S. Venkataraman, Former Director, MIT, Anna University; Shri. V. Seshagiri Rao, Satish Dhawan Prof. & Former Associate Director, Satish Dhawan Space Centre; Shri. K. Narayana, Hon. Distinguished Prof. ISRO & Former Director SDSC, SHAR, Sriharikota were felicitated and Shri. K. Narayana, Hon. Distinguished Prof. ISRO & Former Director SDSC, SHAR, Sriharikot were felicitated and awarded with Dr 'Vikramsarabhai award'.

After the Inaugural session, National Seminar was held on the theme "Aerospace Engineering: Innovative Practises and Future Trends". Dr. N.S. Venkataraman, Former Director, MIT, Anna University presented "Dr Vikram Sarabai Memorial Lecture". Prof. R.R. Elangovan, Vice Principal, Prof. & Head, Department of Aeronautical Engineering, ACS College of Engineering gave the "State of the Art Lecture".

Day 1 technical session covered 20 papers and Day 2 technical session covered 10 papers.



**Dignitaries honoring the Chief Guest Dr S Ramachandran, Vice Chancellor, Hindustan University**

The technical sessions resumed on day 2. Research Scholars, Professors and Students presented their papers in the forenoon.

The valedictory session of the convention was held at IE(I), Tamilnadu State Centre Auditorium on 28th November, 2015 at 5.00 p.m. The valedictory was graced by Chief Guest Dr S. Ramachandran, Vice Chancellor, Hindustan University; Padmashree Prof. R.M. Vasagam, FIE, Member, ASDB & Chairman, IE(I), Karnataka State Centre; Er K.P. Ramanathan, FIE, Chairman, IE(I), Tamilnadu State Centre; Er T.M. Gunaraja, FIE, Imm. Past Chairman, IE(I), TNSC & Council Member (MC); Dr. G. Ranganath, FIE Chairman, Technical Committee, IE(I), TNSC; Er D .Sundarasekaran, FIE, Honorary Secretary, IE(I), TNSC and Dr J. Arivudainambi, FIE, Convener, 29th National Convention of Aerospace Engineers.

Er K.P. Ramanathan, FIE, Chairman, IE(I), Tamilnadu State Centre welcomed the gathering and Er T.M. Gunaraja, FIE, Imm. Past Chairman, IE(I), TNSC & Council Member (MC) delivered the special address. Dr. G. Ranganath, FIE Chairman, Technical Committee, IE(I), TNSC read out the proceedings of the 29th National Convention of Aerospace Engineers. Padmashree Prof. R.M. Vasagam, FIE, Member, ASDB & Chairman, IE(I), Karnataka State Centre read out the recommendations from the 29th National Convention of Aerospace Engineers. Chief Guest Dr S. Ramachandran, Vice Chancellor, Hindustan University delivered the Valedictory address. Mementos were distributed to the organizing committee of the 29th National Convention of Aerospace Engineers. Er D. Sundarasekaran, FIE, Honorary Secretary. IE(I), TNSC proposed the vote of thanks to all the dignitaries and delegates. 100 participants were presented for the convention.



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

Dear Sir,

## CONTRIBUTION TO THE FLOOD RELIEF FUND

In response to your appeal, I / we enclose a Cheque/DD for Rs. .... (Rupees .....  
..... only) as my / our contribution to the Flood Relief Fund.

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

From Address: .....

..... Memb. No. ....

## DONORS OF FLOOD RELIEF FUND

Er K P Ramanathan	Rs 7500 /-	Er D Kumar	Rs 3000 /-
Er D Sundarasekaran	Rs 3000 /-	Er R Balamurugan	Rs 3000 /-
Er P Gomathinagayam	Rs 5000 /-	Er P Sakthivel	Rs 3000 /-
Er R Ramdoss	Rs 3000 /-	Er K P Sathyamurthy	Rs 3000 /-
Col P Nallathambi	Rs 3000 /-	Er Zacharia George	Rs 3000 /-

## TECHNICAL PROGRAMME FOR JANUARY 2016

Lecture: 6.00 p.m.

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

Tea: 5.45 p.m.

30<sup>th</sup> Jan. 2016

Talk on "Non linear Dynamics of Power Electronic Converters" by **Er R. Geetha**, B.E., M.E., Assistant Professor, Velammal Engineering College, Chennai.

## FORTHCOMING PROGRAMME

6<sup>th</sup> Feb. 2016

9.00 am - 5.00 pm

"One day Workshop on Construction Failure - Causes and Remedies" by **Er Zacharia George**, FIE, Committee Member, Architectural Engineering Division, IE(I), TNSC and **Er K P Sathyamurthy**, MIE, Committee Member, Civil Engineering Division, IE(I), TNSC.

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Posted on: 6<sup>th</sup> January 2016

Posted at: Egmore RMS (Patrika)

## Bulletin

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