

The Institution of Engineers (India)



T. N. STATE CENTRE BULLETIN



Er. S. Kannan, FIE
Chairman

Er. K. N. Sivaraju, MIE
Honorary Secretary

Vol. 21 : No. 05

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From Chairman's Desk



Dear Fellow Engineers,

Greeting to all and it is my great pleasure indeed to meet all of you through our News Bulletin.

I am very happy and proud that the The Institution of Engineers (India) Tamilnadu State Centre celebrated the centenary celebration on 15 th December 2022 at Hotel Le Royal Meridien, Chennai. **Dr Hemant O**

Thakare, President, IE(I) was the Chief Guest and **Shri Ennarasu Karunesan**, Founder & CEO UMK Group, Chennai, **Dr Rajoo Balaji**, Director, Indian Maritime University, Chennai Campus and **Padmabhushan Thirumalachari Ramasami**, Former Secretary – Department of Science and Technology (Govt. Of India), Former Director – Central Leather Research Institute, Chennai was the Guest of Honour. During the centenary celebration Centenary Elite Volume was released and Asia Book of Record certificate was released for 100 Hours IEI TNSC TECHNO CARIVAL with the support of 16 Local Centres and the centenary committee. We celebrated the prestigious event by felicitating all the local centre chairmen, past chairman and secretaries.

Also the Institution of Engineers (India) Tamilnadu State Centre hosted the 37th Indian Engineering Congress on the theme "Role of Engineers for Creating a Sustainable & Self-Reliant India" during 16th - 18th December 2022 at Hotel Le Royal Meridien, Chennai. The 37th Indian Engineering Congress was presided over by Dr Hemant O Thakare, President IE(I) and inaugurated by Dr K Ponmudy, Hon'ble Minister for Higher Education, Government of Tamilnadu. Padmabhushan Dr A Sivathanu Pillai, Founder CEO & MD of BrahMos Aerospace, Former Chief Controller (R&D), DRDO, Honorary President PMA India and Dr R Velraj, Vice Chancellor, Anna University, Chennai was the Guest of Honour. Er Chinmay Debnath, President-Elect, IE(I) was the Special Guest. More than 500

delegates participated in the 37th Indian Engineering Congress.

In continuation with the National Environment and Climate Change Forum (NECCF) is the newly formed forum which is to be established to commemorate the 100 years of services to the Engineering community for the societal activities by the Institution of Engineers (India) Tamil Nadu State Centre. This forum will consist of environmental scientist's as well as social scientist's, under the leadership of a renowned senior scientist of the nation who is well aware of the Environmental impact on a global level. National Environment and Climate Change Forum in Institution of Engineers (India) TamilNadu State Centre was inaugurated by Thiru Siva. V. Meyyanathan, Hon'ble Minister for Environment and Climate Change, Government of Tamilnadu on 18th December 2022 at Hotel Le Royal Meridien, Chennai on the occasion of Centenary Celebration of the Institution of Engineers (India) Tamilnadu State Centre. Dr R Velraj, Vice Chancellor, Anna University was the guest of honour.

On 18th December 2022, the 37th Indian Engineering Congress was concluded with a Valedictory Session. Er Chinmay Debnath, President, IE(I) was the chief guest and presided over the function. He felicitated Dr T M Gunaraja, Past President, IE(I) and Organising Chairman, 37th IEC with bouquet. Er Narendrasingh, Past President, IE(I) was the special guest, and he was honoured by Dr T M Gunaraja. Dr T M Gunaraja delivered the welcome address. Dr Hemant O Thakare, Immediate Past President of IE(I) introduced the new President of IE(I) Er Chinmay Debnath. Er Chinmay Debnath, President, IE(I) delivered the valedictory address.

It is my pleasure and duty-bound to thank organising chairman and secretary, all the council members, committee members, subcommittee members, local centre chairmen, secretaries, sponsors and advertisers for supporting and making the centenary celebration and 37th Indian Engineering Congress a grand success.

Er S Kannan
Chairman-TNSC

Centenary Celebration



Release of Centenary Elite Volume by the President of IE(I)

The Institution of Engineers (India) Tamilnadu State Centre celebrated the centenary celebration on 15th December 2022 at Hotel Le Royal Meridien, Chennai. Dr Hemant O Thakare, President, IE(I) was the Chief Guest and Shri Ennarasu Karunesan, Founder & CEO UMK Group, Chennai, Dr Rajoo Balaji, Director, Indian Maritime University, Chennai Campus and Padmabhushan Thirumalachari Ramasami, Former Secretary – Department of Science and Technology (Govt. Of India), Former Director – Central Leather Research Institute, Chennai was the Guest of Honour. The celebration started with the invocation and lighting the lamp by the dignitaries. Er S Kannan, Chairman, IEI TNSC delivered the welcome address. Dr T M Gunaraja, Past President, IEI delivered the history of IEI Tamilnadu State Centre. Dr G Ranganath,

Chairman, CATE and Council Member, IEI TNSC delivered the felicitation address. Dr L Ramesh, Chairman, IEI Tiruvallur Local Centre briefed about the Asia Book of Record certificate. Asia Book of Record Certificate were presented to Er S Kannan, Chairman, IEI Tamilnadu State Centre for organising 100 Hours IEI TNSC TECHNO CARNIVAL with all 16 local centres of Tamilnadu by Dr Suresh, Co-ordinator, Asia Book of Record. The Centenary Elite Volume was released during the celebration by the President of IE(I). Chairman honoured the chief guest and guests of honour with a shawl and memento. Academician Excellence Awards and Industry Excellence Awards were presented to the members. Committee Members, Local Centre Chairman and Honorary Secretary and Immediate Past Chairman of Local Centres were honoured with memento.

Legendary Talk was delivered by Padmabhushan. Dr A Sivathanu Pillai, Founder CEO & MD of BrahMos Aerospace, Former Honorary Distinguished Professor, ISRO, Former Chief Controller(R&D), DRDO, Honorary President PMA – India, by Padmabhushan Thirumalachari Ramasami, Former Secretary – Department of Science and Technology (Govt. Of India), Former Director – Central Leather Research Institute, Chennai, Shri Elango Rangaswamy, Creator of model village, Former Scientist, Man of the year



Asia Book of Record Certificate were handover to Er S Kannan, Chairman, IE(I) Tamilnadu State Centre

Centenary Celebration

award winner 2013 and Shri Mahadevan Senthil Kumar, Chief Security Officer & Cyber Security Architect. Lifetime Achievement award was presented to Dr T M Gunaraja, Past President, IEI for his contribution towards the Institution of Engineers (India).

Panel Discussion on the topic “Role of Engineers for sustainable & self-reliant India - Academic Excellence” was held with the panelist of Dr D Viswanathan, former Vice Chancellor of Anna University, Dr M Murugan, Principal, SRM Valliammai Engineering College, Dr Suresh,

Co-ordinator, Asia Book of Record, Dr K Palani Kumar, Principal, Sairam Engineering College and Committee Member, IEI TNSC and Dr L Ramesh, Joint Registrar, Dr M G R Educational Research Institute and Chairman, IEI Tiruvallur Local Centre.

“Role of Engineers for sustainable & self-reliant India – Industry Excellence” was held with the panelist of Dr J Balamurugan, Honorary Secretary, IEI Tiruvallur Local Centre, Er S Senthilkumar, Committee member, IEI TNSC, Er Abhishek S VA, Senior Architect / Partner, AVS Architects and Partners, Chennai, Er K Mohan Reddy, Director, Planning & Projects, Neyveli Lignite



President, Past President, SDG, Council members Committee members, Local Centre Chairman and Hon. Secretaries with Asia Book of Record Certificate



Academician Excellence Awardees

Centenary Celebration



Industry Excellence Awardees



Legendary Talk by Padmabhusan. Dr A Sivathanu Pillai, Founder CEO & MD of BrahMos Aerospace, Former Honorary Distinguished Professor, ISRO, Former Chief Controller (R&D), DRDO, Honorary President PMA-India



Legendary Talk by Padmabhusan Thirumalachari Ramasami, Former Secretary – Department of Science and Technology (Govt. Of India), Former Director – Central Leather Research Institute, Chennai



Legendary Talk by Shri Elango Rangaswamy, Creator of model village, Former Scientist Man of the year award winner 2013



Legendary Talk by Shri Mahadevan Senthil Kumar, Chief Security Officer & Cyber Security Architect

Centenary Celebration

Corporation India Ltd., Er S Yuvaraj Moorthy, AGM - Schneider Electric. Dr Arivazhagan Ondiappan, CEO, International Institute of Project Management - Consulting & Training on Project Management, Process

Improvement, Risk Management, Business Analytics was the special guest and delivered the felicitation address. The program ended with a cultural program. Vote of thanks was delivered by Er D Gokul, Honorary Joint Secretary, IEITNSC.



Panel Discussion on the topic "Role of Engineers for sustainable & self-reliant India - Academic Excellence"



Panel Discussion on the topic "Role of Engineers for sustainable & self-reliant India - Industry Excellence"

National Environment and Climate Change Forum



Er S Kannan, Chairman, IEI TNSC honoured Thiru Siva V Meyyannath, Hon'ble Minister of Environment and Climate Change, Government of Tamilnadu with memento

In continuation with the National Environment and Climate Change Forum (NECCF) is the newly formed forum which is to be established to commemorate the 100 years of services to the Engineering community for the societal activities by the Institution of Engineers (India) Tamil Nadu State Centre. This forum will consist of environmental scientist's as well as social scientist's, under the leadership of a renowned senior scientist of the nation who is aware of the Environmental impact on a global level.

National Environment and Climate Change Forum in Institution of Engineers (India) TamilNadu State Centre was inaugurated by Thiru Siva. V. Meyyanathan, Hon'ble Minister for Environment and Climate Change, Government of Tamilnadu on 18th December 2022 at Hotel Le Royal Meridien, Chennai on the occasion of Centenary Celebration of the Institution of Engineers (India) Tamilnadu State Centre. Dr R Velraj, Vice Chancellor, Anna University was the guest of honour

The Government of Tamil Nadu is the first in the nation to have issued orders to set up the Tamil Nadu Green Climate Fund" of Rs. 1000 Crores in accordance with the budget announcement of the Government. This initiative is one of its kind in India. The Tamil Nadu Green Climate fund will support various Climate Change initiatives, mitigation, and greening projects. The initial commitment sponsor for the Tamil Nadu Green Climate Fund (TNGCF) from the Government will be Rs. 100 Crores. The Government of Tamil Nadu is committed to building a sustainable and climate-resilient future for the people of the State. In view of that Government of Tamil Nadu has already set up three key missions viz., Tamil Nadu Green Mission, Tamil Nadu Climate Change Mission and the Tamil Nadu Wetlands Mission. Tamil Nadu has also set up a Special Purpose Vehicle i.e., the Tamil Nadu Green Climate Company (TNGCC) to steer climate action effectively. As part of the Climate Change mission, the Government of Tamil Nadu is integrating climate concerns of the state in development plans at the grass root level to climate-proof districts and villages. Efforts are being taken by the State to draft plans

that are not merely mitigative in nature, but which will also pave the way for the transformation of economy underpinning "Affordability, Sustainability and Scalability" as the key elements.

Tamil Nadu has recently constituted the Governing Council is headed by the Hon'ble Chief Minister of Tamil Nadu to advise on Climate Adaptation and mitigation activities, provide guidance to the Tamil Nadu State Action Plan on Climate Change and guide the implementation strategy on climate action. The Government has already operationalized a climate studio at Anna University. The Key initiatives of Climate Change Mission include creating bio-shields in coastal areas in Tamil Nadu through nature-based solutions by plantation of Mangroves, Palmyra trees and other appropriate plant species.

The National Environment and Climate Change Forum (NECCF) will be working in association with the State proposed plans with the active participation of all the members of 15 Engineering divisions of the Institution of Engineers (India) for successful implementation of Sustainable Agriculture, Climate resilience, water resources, forest & biodiversity, coastal area management, disaster management & mitigation, health, technology, energy transition, emission reduction, and transportation.

In addition, the National Environment and Climate Change Forum (NECCF) will support Government in achieving 1 Trillion Economy paving the way towards achieving the social, economic and environmental goals covered under Sustainable Development Goals (SDG). This forum will work with the motto "Engineering for the Society" under the Institution of Engineers (India) by associating with Government, Engineers from various organization, Academia, Researchers, industry, and students in achieving the aforesaid goals.



Life Time Achievement award was presented to Dr T M Gunaraja, Past President, IEI by the Chief Guest Thiru Siva. V. Meyyannath , Hon'ble Minister for Environment and Climate Change, Government of Tamilnadu

37th Indian Engineering Congress

“Role of Engineers for Creating a Sustainable & Self Reliant India”



Lighting the lamp by the chief guest Dr K Ponmudy, Hon'ble Minister for Higher Education, Government of Tamilnadu.

The Institution of Engineers (India) had organized the 37th Indian Engineering Congress on the theme “Role of Engineers for Creating a Sustainable & Self-Reliant India” during 16th - 18th December 2022 at Hotel Le Royal Meridien, Chennai. The 37th Indian Engineering Congress was presided over by Dr Hemant O Thakare, President IE(I) and inaugurated by Dr K Ponmudy, Hon'ble Minister for Higher Education, Government of Tamilnadu. Padmabhushan Dr A Sivathanu Pillai, Founder CEO & MD of BrahMos Aerospace, Former Chief Controller (R&D), DRDO, Honorary President PMA – India and Dr R Velraj, Vice Chancellor, Anna University, Chennai was the Guest of Honour. Er Chinmay Debnath, President-Elect, IE(I) was the Special Guest. Dr T M Gunaraja, Past President, IE(I) was the Organising Chairman of 37th IEC. Er R Ramdoss, Immediate Past Chairman, IE(I) TNSC was the Organising Secretary of 37th IEC and Er D Gokul, Joint Secretary of IE(I) TNSC was the Organising Joint Secretary of 37th IEC.



Dr T M Gunaraja, Past President, IE(I) honoured Dr Hemant O Thakare, President, IE(I) with memento



Dr Hemant O Thakare, President IE(I) honoured the Chief Guest Dr K Ponmudy, Hon'ble Minister for Higher Education, Government of Tamilnadu

The congress was started by invocation followed by lighting the lamp by the dignitaries. Dr Hemant O Thakare, President IE(I) honoured the Chief Guest Dr K Ponmudy, Hon'ble Minister for Higher Education, Government of Tamilnadu and Guest of Honours Padmabhushan Dr A Sivathanu Pillai, Founder CEO & MD of BrahMos Aerospace and Dr R Velraj, Vice Chancellor, Anna University, Chennai by presenting Memento and bouquet. Dr T M Gunaraja, Past President, IE(I) and Organising Chairman of 37th IEC honoured Dr Hemant O Thakare, President IE(I) by presenting Memento and bouquet. The Secretary and Director General read the message from Prime Minister of India for the Congress. The welcome speech was delivered by Er S Kannan, Chairman, IE(I) TNSC. Dr T M Gunaraja, Past President, IE(I) and Organising Chairman of 37th IEC delivered about the congress. Dr Hemant O Thakare, President IE(I) and ErChinmay Debnath, President-Elect, IE(I) addressed the members. The technical volume and souvenir were released by the dignitaries. Industry Excellence Award, Engineering Education Excellence Awards, National Design Awards, Safety & Quality Awards, Best State and Local Centre awards were distributed to the awardees. The IE(I) Telangana State Centre and the IE(I) Madurai Local Centre have received the Best Centre award for conducting more technical activities in the event. Padmabhushan Dr A Sivathanu Pillai, Founder CEO & MD of BrahMos Aerospace delivered the special address. Inaugural address was delivered by the Chief Guest Dr K Ponmudy, Hon'ble Minister for Higher Education of Tamilnadu. Maj Gen MJS Syali,

VSM (Retd), Secretary and Director General, IE(I) proposed the vote of thanks.

Memorial Lectures:



Prof (Dr) R Velraj



Dr R Venkataraman



Dr R Umamaheswaran



Mr Ganesh Mani



Dr C Velan



Prof G Aghila



Mr Sasikumar Gendham



Dr S Kanmani

Following the inaugural function, various Memorial Lectures were organized during the Congress. 65th Sir M Visvesvaraya Memorial Lecture was delivered by **Prof (Dr) R Velraj**, Vice Chancellor, Anna University, Chennai. 44th Sir Rajendra Nath Mookerjee Memorial Lecture was delivered by **Dr R Venkataraman**, Associate Director, Satish Dhawan Space Centre, Sriharikota. 31st Dr Amitabha Bhattacharya Memorial Lecture was delivered by **Dr R Umamaheswaran**, Director, Human Space Flight Centre, Bangalore. 48th Bhaikaka Memorial Lecture - was delivered by **Dr Ganesh Mani**, President & Chief Operations, Ashok Leyland, Chennai. 57th Nidhu Bhushan Memorial Lecture was delivered by **Dr C Velan**, CEO, Capitaland Ltd, Chennai. 35th Dr A N Khosla Memorial Lecture was delivered by **Dr G Aghila**, Director, NIT, Tiruchirappalli. 12th Prof C S Jha Memorial Lecture was delivered by **Er Sasikumar Gendham**, Managing Director, Salcomp, Chennai. 8th Dr K L Rao Memorial Lecture was delivered by **Dr S Kanmani**, Director, Environmental Studies, Anna University, Chennai.

Visionary Talk: Visionary Talk by Padmasree Prof Ashok Jhunjhunwala, Professor, IIT, Madras, and Prof S R Chakravarthy, Department of Aerospace Engg, IIT, Madras were also delivered during the congress.

Glimpses of Engineering Personalities: Outstanding Engineers Mr Vikas Kumar, Managing Director, DMRC Ltd. and Mr Rupinder Singh Sodhi, MD, Gujrat Co-operative Milk Marketing Federation Ltd (Amul) were honoured under “Glimpses of Engineering Personalities” during the Congress.

Paper Presentation: Technical Papers were presented by speakers from all over the country under 15 Engineering disciplines.

Women Engineers Meet: Women Engineers Meet

was organized on 17th December 2023. 30 Woman Engineers actively took part in the event.

IEI Alumni Meet: About 50 alumni members took part in this meet. A souvenir was released during this occasion and alumni members were honoured at this meet.

International Meet: Engineers from 2 different countries have participated in this meet.

103rd Annual General Meeting: Installation of new president of IE(I) Er Chinmay Debnath by Dr Hemant O Thakare, Immediate past president during the 103rd Annual General Meeting. President of IE(I) Er Chinmay Debnath by Dr Hemant O Thakare, Immediate past president during the 103rd Annual General Meeting.

Valedictory Session: On 18th December 2022, the 37th Indian Engineering Congress was concluded with a Valedictory Session. Er Chinmay Debnath, President, IE(I) was the chief guest and presided over the function. He felicitated Dr T M Gunaraja, Past President, IE(I) and Organising Chairman, 37th IEC with bouquet. Er Narendrasingh, Past President, IE(I) was the special Guest and he was honoured by Dr T M Gunaraja. Dr T M Gunaraja delivered the welcome address. Dr Hemant O Thakare, Immediate Past President of IE(I) introduced the new President of IE(I) Er Chinmay Debnath. Er Chinmay Debnath, President, IE(I) delivered the valedictory address. ABHIYANTA BANDHU 2022 magazine was published by IE(I) Jabalpur Local Centre, and it was released during the Valedictory session of the 37th Indian Engineering Congress. Er K N Sivaraju, Honorary Secretary, IE(I) TNSC proposed the vote of thanks. More than 500 delegates participated in this 37th Indian Engineering Congress.



Er Chinmay Debnath, President, IE(I) delivered the valedictory address.

IEI's Best Centre Award



Telangana State Centre



Madurai Local Centre

The **Telangana State Centre** and **Madurai Local Centre** of the Institution have been adjudged the 'Best State Centre' and 'Best Local Centre', respectively for their all-round performance during the year 2021-2022. The awards, comprising trophies and the certificates along with cash awards were given away to the respective Centres on December 16, 2022 during the inaugural function of the 37th Indian Engineering Congress held at Chennai.



A view of the audience

Superannuated



Mr TAPAN KUMAR BISWAS
(Artist Gr-III), Emp No. 368
Joined on August 27th 2019
Tamilnadu State Centre of the
Institution to be superannuated
from the services of IEI 28,
February 2023. He joined the
IEI HQ, Kolkatta on September
07, 1998 and rendered his
service towards the Institution
for a period of more than 25
years.

IEI TNSC wishes Tapan kumar
Biswas a happy and healthy in
retired life.
Best wishes.

Licensed to post without pre-payment
Posted on : 15th February 2023
Posted at: Egmore RMS (Patrika)

Bulletin

IF UNDELIVERED RETURN TO :
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