

The Institution of Engineers (India)



T. N. STATE CENTRE

BULLETIN

Er. S. Kannan, FIE
Chairman

Er. K. N. Sivaraju, MIE
Honorary Secretary



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June 2022

From the Chairman's Desk.....



Dear Fellow Engineers,

My greetings to all and I feel very happy to meet you through this News Bulletin once again.

The Institution of Engineers (India) Tamilnadu State Centre is proposed to celebrate the centenary year during December 2022. In the eve of centenary celebration, it is proposed to organize **100 HOURS IEI TNSC TECHNO CARNIVAL** with a theme **“Sustainable Developments of the Nation The Role of Engineers”**. A mega carnival structured with 1 theme, 100 hours, 100 topics, 100x speakers with the participation of 100 organizations. The inaugural function of 100 Hours IEI TNSC TECHNO CARNIVAL was organized by the IEI Tamilnadu State Centre on 23rd April 2022 at IEI TNSC Auditorium, Chennai.

Thiru Ennarasu Karunesan, Maritime Transport, Ports & Logistics Expert, Founder & CEO UMK Group, Chennai was the Chief guest and

delivered the inaugural address. Thiru Bhupesh Nagarajan, Co- Chairman, FICCI, TN Council, Chennai and Thiru V Balamurugan, Outstanding Scientist, Director, CVRDE, Chennai was the Guest of Honour.

A detailed program list with the time table for conducting the 100 Hours IEI TNSC Techno Carnival is being sent to all local centres to complete the 100 hours program. I request all local centres Chairmen and Honorary Secretaries to follow the time table positively to finish the program on time. If not possible kindly intimate to Tamilnadu State Centre for change of date before 30th September 2022.

I request all the corporate members to bring in more new members into the IE(I) with the slogan **“EVERY MEMBER INDUCT NEW MEMBER”** to double the strength of IEI Tamilnadu. More young minds and talents are requested to join us to travel together and benefit from each other's contribution towards the economic growth of our nation.

I request all our corporate members to visit our **IEI TNSC YouTube Channel and SUBSCRIBE** for further notification of technical events

Centenary Celebration-100 Hours IEI TNSC Techno Carnival

Theme: "Sustainable Developments of the Nation-The Role of Engineers"

23.04.2022



L-R Dr P Nallathambi, Organising Secretary, Dr T M Gunaraja, Past President, IEI, Organising Chairman, Thiru V Balamurugan, Outstanding Scientist, Director, CVRDE, Chennai, Thiru Ennarasu Karunesan, Maritime Transport, Ports & Logistics Expert, Founder & CEO UMK Group, Chennai, Er S Kannan, Chairman, IEI TNSC, Thiru Bhupesh Nagarajan, Co- Chairman, FICCI, TN Council, Chennai and Er K N Sivaraju, Honorary Secretary, IEI TNSC

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The program started with invocation and lighting of the Kuthuvizhaku by the dignitaries. Er S Kannan, Chairman, IEI Tamilnadu State Centre delivered the



Chief Guest Lighting the Lamp

welcome address. Dr T M Gunaraja, Past President, IEI & Organising Chairman, Centenary Celebration, IE(I), TNSC described in detailed about the history of the Institution of Engineers (India) Tamilnadu State Centre. Dr P Nallathambi, Committee Member & Organising Secretary, Centenary Celebration, IE(I) TNSC explained in detailed about the 100 HOURS IEI TNSC TECHNO CARNIVAL.

Thiru Bhupesh Nagarajan, Co- Chairman, FICCI, TN Council, Chennai and Thiru V Balamurugan, Outstanding Scientist, Director, CVRDE, Chennai was the Guest of Honour.

Thiru Ennarasu Karunesan, Maritime Transport, Ports & Logistics Expert, Founder & CEO UMK Group, Chennai was the Chief guest and delivered the inaugural address. Chief Guest released the 100 hours IEI TNSC Techno Carnival logo. Dignitaries were honoured with Shawl and Memento.

Er K N Sivaraju, Honorary Secretary, IEI Tamilnadu State Centre proposed the vote of thanks. This event is available in IEI TNSC Youtube channel :https://youtu.be/lZF49N_UfZE.



Releasing of 100 Hours Logo



Committee Members with Guests

World Telecommunication & Information Society Day

Theme: "Digital technologies for older persons and healthy ageing"

23.04.2022



The Tamilnadu State Centre of the Institution of Engineers (India) observed the World Telecommunication & Information Society Day on the theme "Digital technologies for older persons and healthy ageing" on 23rd May 2022 at 6.00 pm through online Zoom Meeting.

At the outset, Er S Kannan, FIE Chairman, IE(I) Tamilnadu State Centre welcomed the gathering. Dr J Balamurugan, Honorary Secretary IE(I) Tiruvallur Local Centre introduced the Chief Guest Er R GANESAN ITS, Former Principal General Manager, BSNL, Chennai

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Smart IOT devices for aged Persons

1. Visual

The aged people lack perfect vision and hence their movements are restricted. The smart spectacles having Bluetooth technology connects to the nearest android device or connect through wireless internet. It is having inbuilt camera which magnifies the object on the way for the easy movement of the aged people. Further, with

location device their movement can be easily monitored by the healthcare team.

2. Smart health care devices

The Fitbit device, heart monitoring gadgets, diet monitoring and glucose monitoring devices are embedded with sensors with necessary software with proper interfaces like WIFI connects the information data to the centralised server in order to have periodical monitoring of the Bio clinical parameters of aged persons.

3. Government of India Initiatives

The Ministry of Health and Family welfare has launched lot of digital enabled health monitoring applications for aged people across the country. The e-Sanjeevan telemedicine platform based on the ICT Technology enables the aged persons to access the doctor sitting at home at his convenient time through online and after the consultation, the prescription can be downloaded. This was much useful for the senior citizens during the Covid situation.

The m-diabetes, a mobile application with missed call to 011-22901701 provides the immediate consultations to the aged persons.

The e-hospital based on the ICT application has hospital management system where the aged person's health details and treatment details are captured remotely for the periodic health assessment.

Conclusion

The digital technology for health monitoring is available in the e-health and m-health applications to the aged persons. The inventions are underway to provide health, diet and stimulation to indoor activities in a single gadget including PC, TV, Tablet and sensor devices in order to provide healthy ageing. These technologies also should reach the aged persons living in rural and hilly areas.

The lecture was more informative and very useful to our members. This lecture is available in IEI TNSC Youtube channel : <https://youtu.be/a2JIGoxWcW4>.

Er K N Sivaraju, MIE, Honorary Secretary of IE(I) Tamilnadu State Centre proposed the vote of thanks.

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FORTHCOMING EVENT

36th

National Convention of Production Engineers and National Seminar

on

Theme

Smart Manufacturing

JULY 28-29, 2022

Anna University, Sardar Patel Road, Guindy, Chennai

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Bulletin

IF UNDELIVERED RETURN TO :

The Institution of Engineers (India)

Tamilnadu State Centre

19, Swami Sivananda Salai, Chepauk, Chennai – 600 005

Phone : 044-25360614 / 9962950333

E-mail : ieitamilnadu@gmail.com / tpsc@ieindia.org Website: [www. ieitnsc.org](http://www.ieitnsc.org) / www.ieitamilnadu.org

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