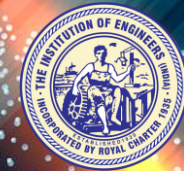




World Federation of Engineering Organizations
Fédération Mondiale des Organisations d'Ingénieurs



ALL STC CHAIR MEETING

WFEO General Assembly 2022

Presentation on WFEO-CIC activities

Chairman, WFEO-CIC

05 March 2022

About WFEO-CIC

WFEO-CIC is dedicated to the field of 'Information and Communication' and has the responsibility to leverage the Information and Communication Technology Paradigm. The CIC fulfills the tasks allocated by WFEO in accordance with the United Nation's Sustainable Development Goals.

The CIC is presently hosted by The Institution of Engineers (India).

MAIN THEMES COVERED IN THE PAST TWO YEARS

The CIC has planned that both the External and Internal Objectives as set out in the WFEO Strategic Plan (2019-2023) would be addressed through the Committee's objectives.

Essentially the work of the CIC is to be actively involved in propagating and assist in achievement of the SDGs.

Specifically, the particular SDGs relevant in the context of CIC are:



SDG 9

**Industry, Innovation
and Infrastructure**



SDG 11

**Sustainable Cities
and Countries**

KEY ACHIEVEMENTS

Publication

Published a Monograph titled “Digital Transformation – Industry 4.0 Paradigm” released in the presence of Prof Gong Ke, President WFEO at the Indian Engineering Congress held in Hyderabad in December 2019.

Presentation: World Engineering Day 2020

A presentation on “Smart Technologies-Adoption of Smart Cities” was prepared which was to be presented at the World Engineering Day, by IEI, in Paris in March 2020. The event was cancelled due to the pandemic.

Second UNESCO Engineering Report: Inputs by CIC

The CIC prepared two sub-Chapters for the Second UNESCO Engineering Report titled “Engineering for Sustainable Development”. The two subchapters were “Engineering and Big Data” and “Engineering for Smart Cities”.

KEY ACHIEVEMENTS CONTD.

Webinars

A Webinar on the subject “Satellite Applications in the Post Pandemic World” **was organized by the CIC on 12th Nov 2020.**

A Webinar titled “Engineering Challenges in Gulf Countries” **was held on 22nd January 2021.** The event flagged issues connected with engineering projects post-pandemic in the Gulf Region. This was conducted in collaboration with Kuwait Society of Engineers.

A Webinar titled “Engineering for a Healthy Planet” **was held on 13th Mar 2021.** The program had eminent speakers and included a Session on the contribution of women in leadership roles. Speakers were from India, Qatar and Nepal.

The Webinars were widely attended by engineering students, practitioners and academia.

KEY ACHIEVEMENTS CONTD.

Technical Sessions/Webinars

Hybrid WFEO-CIC Session on “Smart Technologies for Smart Cities” conducted on 27 December 2021 at New Delhi concurrently with the 36th Indian Engineering Congress . The Session comprised of virtual speeches from Prof Gong Ke, President, WFEO and Dr Marlene Kanga, Past President, WFEO.

A Keynote lecture on “Smart Technologies for Smart Cities” was also delivered on the occasion by **Mr Mahesh Mahajan, Chief of Products – MindtreeNxt.**



KEY ACHIEVEMENTS CONTD.

Technical Sessions/Webinars

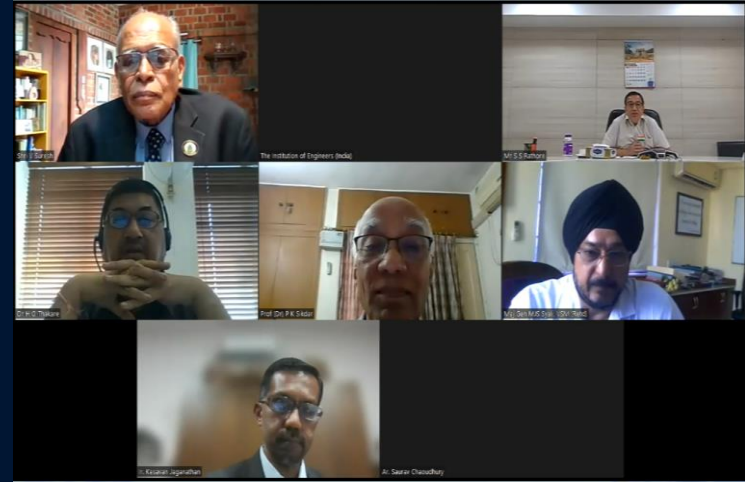
A webinar on the theme *“Green Technologies: Precursor for transition to Smart Sustainable Cities”* conducted on 22nd February 2022 under the aegis of WFEO-CIC in association with The Institution Of Engineers, Malaysia (IEM).

The Session comprised of virtual speeches from eminent speakers Shri V Suresh, Chairman, Housing and Planning Committee and Member, Smart Cities Committee of BIS, Prof (Dr) P K Sikdar, President, ICT Technocrats Pvt. Ltd., India and Ir. Kesavan Jaganathan Director of Freelance Consultancy, Malaysia.

The session was attended by 170 nos of participants from India, Bahrain, Kuwait, Malaysia, Oman, Singapore, South Africa, UAE, UK, USA and Zambia.

The webinar was live streamed on IEI YouTube channel

(URL: <https://www.youtube.com/watch?v=6PLjWEC0er0>)

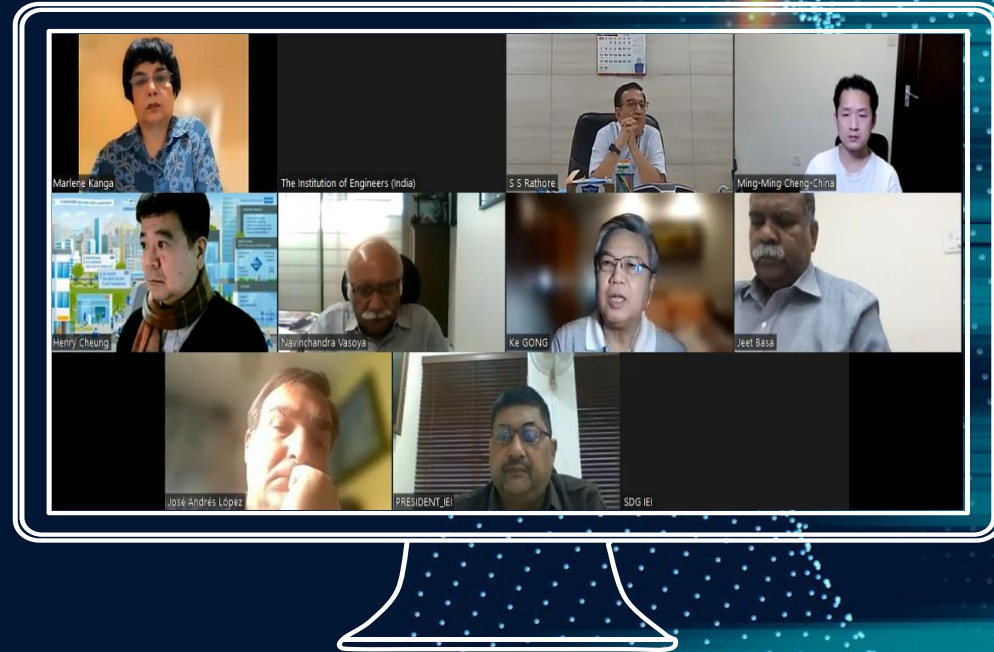


KEY ACHIEVEMENTS CONTD.

WFEO-CIC Meeting

The WFEO-CIC Meeting was hosted virtually on 25th February 2022 at 17:30 h (IST) on Zoom platform.

The Meeting was attended by Prof Gong Ke, President, WFEO; Dr Marlene Kanga, Past President, WFEO, President IEI, Dr. Hemant Thakre and other committee members



PLAN OF ACTION FOR THE NEXT YEARS

- At least 2 Monographs / Publications are expected to be published by the end of 3rd quarter of 2022.
- Physical seminar, (if possible) in either Malaysia / Myanmar / Dubai / Middle East in year 2022 / 2023.
- WFEO-CIC session at next Indian Engineering Congress
- WFEO-CIC session at Indian Technology Congress
- Active involvement of students in these programmes
- Additional joint programmes with CEIT



Thank you