



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



WFEO-CIC

Presentation

Chairman, WFEO-CIC

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 Communities**

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 20. The event was cancelled due to the pandemic. This presentation is on the WFEO Website.

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 **12 Nov 20**.

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 13 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.

Planned Activities

- 2 Monographs / Publications are expected to be published by June 2022.
- Physical WFEO session at the Indian Engineering Congress scheduled on 26-27 December 2021 at Delhi with one part on WFEO & its activities and the second part on Smart Technologies for Smart Cities is planned
- If the Pandemic situation improves & international travel opens up, a CIC international Seminar will be held in collaboration with IEM in Malaysia. Topic & venue is under discussion.



Thank you