Name of STC/PIC/WG: WFEO- Committee on Information and Technology (CIC)	
Chair: Mr S S Rathore	Date of sending: 21/10/2022
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 fulfillsthe tasks allocated by WFEO in accordance with the United Nation's **Sustainable Development Goals No 9 and 11**. 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** The ongoing pandemic has caused CIC to reorient plans and planned to hold programs virtually till the situation improves. The advantage of using digital platforms for conducting various events is the ability to reach out to large number of engineers spanning geographic boundaries and this is being given due impetus. The CIC strives to spread awareness in different geographies on the significance of technological applications in developing sustainable cities and habitats. Also, the significance of innovations, especially in the context of developing countries in addressing local challenges, is sought to be highlighted.	
KEY ACTIVITIES, MEETINGS AND PUBLICATIONS, ETC. [DECEMBER 2021 ONWARDS]	

Publications
    1. **Edited Volume in the area of Ethics in Artificial Intelligence**
        An edited volume on the title 'Ethics in Artificial Intelligence: Bias, Fairness And Beyond' is being published in collaboration with Springer Nature which is likely to be released during the 37th Indian Engineering Congress to be held at Chennai during 16-18 December 2022.
        The Volume contains 12 chapters with contributions from globally acclaimed authors from Switzerland, Italy, USA, UK, Germany and India.
International Activities
    1. **WFEO-CIC Session concurrently with 36th Indian Engineering Congress**
        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.
    2. **WFEO-CIC International Webinar on 'Green Technologies: Precursor for transition to Smart Sustainable Cities'**
        A webinar on the theme "Green Technologies: Precursor for transition to Smart Sustainable Cities" conducted on 22 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. KesavanJaganathan 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.

Technical Session

3. **WTISD 2022 celebration by Qatar Overseas Chapter in association with WFEO-CIC**

   The Qatar Overseas Chapter of IEI in association with WFEO-CIC virtually celebrated the World Telecommunication and Information Society Day 2022 on 17 May 2022 on the theme 'Digital Technologies for Older Persons and Healthy Ageing'. Dr Sam Pitroda, Eminent speaker &considered by many as father of Indian Telecom Revolution was the Chief Guest on the occasion; Dr H O Thakare, President, IEI delivered the Presidential Address and Chair, WFEO-CIC delivered a keynote address on the occasion.

Meetings

1. **WFEO-CIC Meeting (Virtual)**

   The WFEO-CIC Meeting was hosted virtually on 25 February 2022 at 17:30 h (IST) on Zoom platform. The Meeting was convened by Chair, WFEO-CIC and was attended by Prof Gong Ke, President, WFEO; Dr Marlene Kanga, Past President, WFEO, President IEI, Dr. H O Thakare and other committee members**.**

2. **Meeting of STCs Chair with the Chair of WFEO CIC**

   A virtual Meeting was held between Mr Davide Stronati, Chair, All STCs-WFEO with Chair, WFEO-CIC on 07 July 2022 at 19:30 IST. The Meeting was organized with the objective of taking a stock of the CIC's activities and also on how the Committees can further engage with one another.

3. **WFEO STC All Chairs Meeting**

   The WFEO All STC Chairs Meeting was hosted virtually on 08 August 2022 and was attended by Chair, WFEO-CIC. Chair, WFEO-CIC presented the successful projects undertaken by the Committee and need for connecting and collaborating with the other Committees. Chair, WFEO-CIC also presented the upcoming Events, Meetings and Webinars planned by the WFEO-CIC.

4. **WFEO CIC Meeting**

   The WFEO - CIC Meeting was hosted virtually on 15 October 2022 at 17:30 – 19:00 h (IST) and was attended by Chair, WFEO-CIC, Member, Executive Council, WFEO, Executive Vice President, WFEO and Members, WFEO-CIC. Chair, WFEO-CIC presented the projects undertaken by the Committee and the upcoming Events, Meetings and Webinars planned. Members discussed the activities for the next 12-16 months.

PLANNED ACTIVITIES

- One more edited volume in the area of IoT is expected to be published by the first quarter of 2023.
- A WFEO-CIC session is being held concurrently with Indian Engineering Congress in Chennai on 17th December 2022
- A physical CIC international Seminar will be held in collaboration with IEM in Kuala-Lumpur, Malaysia. Topic & venue is under discussion.