

WFEO Standing Committee on Education in Engineering, CEIE Progress Report

Back Ground and CEIE Members

Following the 2019 General Assembly in Melbourne, the Board has implemented the process of maintaining two separate committees for Education and Capacity Building. Myanmar Engineering Council's proposal to host CEIE was accepted by the Executive Council meeting held on 29 October 2020 and later mandated at Special General Assembly on 26 March 2021. WFEO President Prof. Gong Ke requested Members of WFEO and Associates in January 2020 to designate their representatives to renew the membership of all committees, and reminded again in July 2020. MEngC has also followed up the member's nomination since 16 November 2020, and a total of 29 organizations from 23 countries have nominated 35 members so far.

CEIE Activities and Outcomes

UNESCO-IEA-WFEO Working Group 1,2 & 3 are organized where WG-1 is in good progress on Review of the Engineering Education Benchmarks for Graduate Attributes, and Professional Competencies (GA-PC), planning to announce the updated GA-PC in June 2021. WG-2 has been established, and the first WG-2 introductory meeting was held on 26 February 2021. Two mentors-mentees programs are in progress; Monitoring Engineers Board of Kenya, EBK by Pakistan Engineering Council, PEC and Mentoring Institution of Engineers Mauritius, IEM by National Board of Accreditation, NBA India. The 1st and 2nd Mentoring meetings of EBK by PEC was conducted on 16 March and 13 April 2021 whereas Mentoring IEM by NBA was conducted on 19 March and 16 April 2021, respectively. The 3rd Mentoring meetings for EBK and IEM are scheduled for 4 May and 13 May 2021. Among member countries that also showed interest in being mentored at an inaugural meeting of WG-2 held in November 2019 and subsequently provided information includes Ghana, Zimbabwe, Brazil. Angola and Namibia recently informed their interest to the immediate Past President, Dr. Marlene Kanga. CEIE will study the possibility of mentoring options by assessing the respective country's pre-requisite requirements of the engineering education system and getting support from IEA signatory countries of China, Sri Lanka, South Africa, and Peru. WG-3 is in preparation to conclude the members to fulfill the objectives.

Celebration of WED 2020 and WED 2021

MEngC and Fed. MES jointly organized an Exhibition opened to public and Engineering talks at the MEngC office building in Yangon and celebrated World Engineering Day 2020 with Gala dinner at Naypyidaw. Three Union Ministers (Minister of Construction, Minister of Education, Minister of Energy), and MEngC president Prof. Charlie Than, Fed. MES president U Aung Myint attended the dinner and delivered speeches. About 300 invited engineers also joined the event. MEngC President Prof. Charlie Than has given his speech and sent a message for WED as part of CEIE participation in the 2021 World Engineering Day Celebration. Although CEIE has originally planned a Seminar title "Accreditation of Engineering Education" on 9 March 2021, the seminar was canceled due to the situation in Myanmar.