



CEIE focuses on the sharing best practices in engineering education through its annual conference and the IDEAS Journal and supporting the professional development of educators, and professional engineers through training provided by the WFEO Academy.

**Zaw Min Aung,
Chair of CEIE,
Myanmar Engineering Council**

The Committee on Education in Engineering (CEIE) is hosted by the Myanmar Engineering Council (MEngC).

The ICEEA Conferences

MEngC hosted the Annual International Conference on Engineering Education Accreditation (ICEEA) on 23 and 24 July 2024 and ICEEA 2025 on 30 and 31 July 2025. The theme of ICEEA 2024 was "Engineering Education for Better Engineering Solutions towards a Sustainable World".

The theme for ICEEA 2025 was "Shaping Our Sustainable Future Through Engineering". The conferences are well-supported by the leaders of Myanmar Engineering Council including Prof. Dr. Aung Kyaw Myat, President of MEngC, and Prof. Dr Zaw Min Aung, Chair of CEIE.

The conferences are a catalyst for international academics to share their experiences and exchange their insights from their engineering education and accreditation practice perspectives. Over 600 delegates attended the conference in 2024, which was held in hybrid format. The speakers included: international and Myanmar engineering and education and practice leaders and engineering professionals from:

- World Federation of Engineering Organizations (WFEO),
- International Engineering Alliance (IEA),
- Institution of Engineering Education Taiwan (IET),
- Engineers Australia (EA),
- Federation of Engineering Institutions of Asia and the Pacific (FEIAP),
- China Association for Science and Technology (CAST),
- Pakistan Engineering Council (PEC),
- Board of Engineers Malaysia (BEM),
- Institute of Engineers Malaysia (IEM),
- ASEAN Federation of Engineering Organizations (AFEO),
- National Board of Accreditation India,
- Institution of Engineers Mauritius (IEM)
- Philippines Technology Council (PTC)

The conference was promoted on the WFEO website and a report on the event was also published.

All recordings from ICEEA2021, ICEEA 2022, ICEEA 2023 and ICEEA 2024 are available online, on the WFEO website.



SUSTAINABLE DEVELOPMENT GOALS



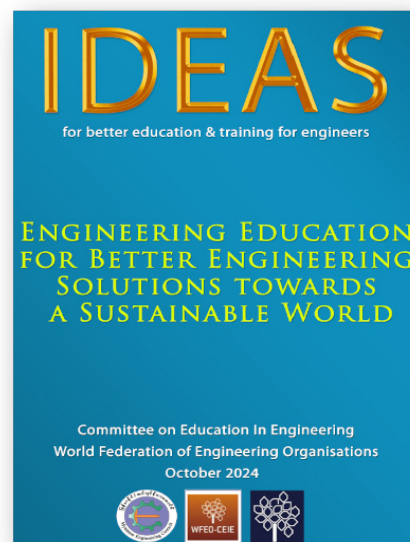
The Committee focus is on SDG 4 – Education through mentoring institutions, organising conferences and publishing journals to improve the quality of engineering education around the world. The Committee emphasizes Quality Education and recognizes that teachers and educators are the keys to achieve all of the SDG targets.



CEIE has been working in partnership with many organizations around the world for organising ICEEA conferences, publishing IDEAS journals and developing the WFEO Academy website in partnership with national members and the sponsorship support of the China Association for Science and technology (CAST)

The IDEAS Journal

As an immediate follow up of ICEEA, CEIE published the series of IDEAS Journals (issues no. 21 and 22).



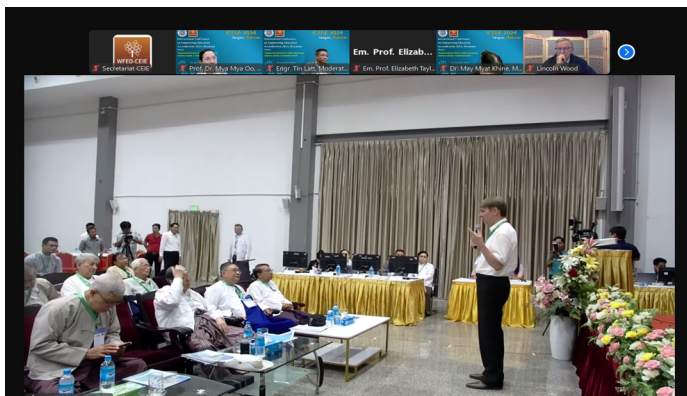
Concerning collaboration between committees, Professor Ir. Dr Norlida Buniyamin, the chair of the CEIT and a member of the Executive Council of WFEO, is now the IDEAS Journal Articles Review Sub-committee Chair of CEIE. The two chairs have been working together towards Quality Engineering Education and would continue to be so for coming years.



CEIE Chair Prof. Dr. Zaw Min Aung at ICEEA 2024



Dr. Marlene Kanga at ICEEA 2024



Prof. Jürgen Kretschmann at ICEEA 2024

Key achievements

- Organized International Conference on Engineering Education & Accreditation (ICEEA) 2024 and 2025
- Published IDEAS Journal 21 and 22
- Continued development of the WFEO Academy Website

WFEO Academy: Engineering Education Training

WFEO Academy Sub Committee has the following members: members from CAST (China, also Platinum sponsor), Singapore (IES), Pakistan (PEC), International Federation of Engineering Education Societies (IFEES) representatives and the Chair of the Committee on Young Engineers / Future Leaders (YE/FL). The Sub Committee Chair is Dr Marlene Kanga.

Dr Zaw Min Aung attends all meetings as the CEIE Chair. The Committee has continued to develop the courses that are provided and is progressing the development of a structured training program for accreditation bodies, and engineering educators and for professional development to support registration for qualified engineers, technologists and technicians. The professional development is in non-discipline specific topics such as leadership, project management, safety and risk management – which further develops professional skills and supports career development.

The course content is provided by WFEO national members and by WFEO Standing Technical Committee like the Committee on Disaster Risk Management. Future topics can draw on the expertise of the Committee on Engineering and the Environment and the Working Group on Systems Engineering.

Approximately two new courses are added each month from webinars delivered by WFEO members and partners around the world relating to the specific focus areas of WFEO Academy. There are currently 60 courses available on the WFEO Academy website: www.wfeoacademy.com

Digital badges: Bronze, Silver and Gold, are awarded automatically to registered participants who complete 10, 20 and 30 courses respectively. These can be displayed on the email signature panel, LinkedIn profile and other social media. Registered participants will be inspired to take more courses and take advantage of this opportunity to show employers and peers what they have achieved in their professional development journey. More information is available on page 18.

About WFEO Academy

This training platform has been developed in collaboration with UNESCO, the International Engineering Alliance, the International Federation of Engineering Education Societies, the Global Engineering Deans Council and WFEO members to provide an education training platform in the spirit of Open Science Principles and as part of the WFEO Engineering 2030 Plan to enable more countries to have more engineers with the right skills for sustainable development.