

REPORT FROM DISCIPLINE ADVISORY PANELS FOR SESSION 2021/2022



Ir CHEUNG Wan Chuen
Chairman, Aircraft DAP



Ir Prof CHAN Ling Ming
Chairman, Biomedical DAP



Ir Prof Adam CHOY Siu Chung
Chairman, Building DAP



Ir Philip K S CHAN
Chairman, Building Services DAP



Ir Dr William LAU Sin Tong
Chairman, Chemical DAP



Ir Eric CHAN Kar Lock
Chairman, Civil DAP



Ir Prof Louis F S LOCK
Chairman, Control, Automation
& Instrumentation DAP



Ir Dr Edward LO Wai Chau
Chairman, Electrical DAP



Ir Wilson KWOK Wai Shun
Chairman, Electronics DAP



Ir Walter AU Tat Kay
Chairman, Energy DAP

During the Session, the Discipline Advisory Panels (DAPs) continued its mission of upholding qualification standards, reviewing discipline matters and advising on issues related to membership, qualifications, accreditation and training. Meanwhile, representatives of DAPs in the Education and Examinations Committee, Professional Assessment Committee, Quality Control Committee, Training Committee and Training Review Sub-committees helped maintain consistent quality control on academic, membership and training assessments.

Members were nominated by the DAPs to act as Mentors under the HKIE Mentorship Scheme which aims at enhancing mentees' understanding of the admission requirements for HKIE memberships. The DAPs also worked on preparing Examiners Reports and the Examiner Reports of Building Services, Civil, Electronics, Geotechnical and Mechanical Disciplines are already available on the HKIE website.

With the support of the DAPs, the Competence-based Assessment for Associate Membership was successfully launched in April 2022. In addition to giving valuable inputs to the Competence Standards for Associate Membership and related documentation for implementation, the DAPs nominated members to attend the Assessor training in preparation of their conduct of the competence-based assessment for Corporate/Associate Memberships.

The DAPs also continued to advocate for the mutual recognition of engineering professional qualifications in the region and beyond to facilitate engineers' mobility. Thanks to the efforts of the Electrical DAP, a Mutual Recognition Agreement with the Guangdong Society for Electrical Engineering was signed. In addition, respective DAPs have set up Task Forces to prepare other Mutual Recognition Agreements with professional institutions on the Mainland.

In this Session, the Mechanical DAP also supported the extension of the Reciprocal Recognition Agreement with the Institution of Mechanical Engineers. Meanwhile, both the Biomedical and Logistics & Transportation DAPs reviewed the needs of having reciprocal recognition agreements with overseas engineering institutions.

The DAPs also conducted several Professional Assessments while the Aircraft DAP established a databank of essay topics for Assessors' reference and the Environmental DAP expanded the number of Assessors in their Discipline. Meanwhile, the Civil DAP held three Assessor's Forums for Civil Discipline and, on the recommendation of the Civil DAP, applications for Membership in Civil Discipline via all admission routes are now accepted throughout the year. As proposed by the Structural DAP, the operation of Structural Examination has also been strengthened.



Ir Prof Irene LO Man Chi
Chairman, Environmental DAP



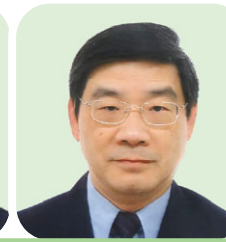
Ir Paul CHAN Yim Cheong
Chairman, Fire DAP



Ir Edmond FONG Wai Man
Chairman, Gas DAP



Ir Prof Ken HO
Chairman, Geotechnical DAP



Ir Prof LEUNG Kwong Sak
Chairman, Information DAP



Ir Dr David HO Chi Shing
Chairman, Logistics &
Transportation DAP



Ir Norman CHAN Sin Wing
Chairman, Manufacturing,
Industrial & Systems DAP



Ir CHAN Ming Yau
Chairman, Marine & Naval
Architecture DAP



Ir Prof Joseph MAK Yiu Wing
Chairman, Materials DAP



Ir Steven LAI Kam Hung
Chairman, Mechanical DAP



Ir NG Kin Shing
Chairman, Structural DAP

The DAPs also strived to promote membership of the Institution by sharing information about HKIE membership and the engineering profession. The Aircraft, Energy and Geotechnical DAPs worked with Divisions to organise workshops or talks on membership of the Institution, while the Control, Automation & Instrumentation, Materials and Mechanical DAPs also delivered talks to university students and potential applicants.

With the effort of the Control, Automation & Instrumentation and Mechanical DAPs, the Competence Profiles for Lift and Escalator Engineers Guidance for Applicants and Assessors in Control, Automation & Instrumentation and Mechanical Disciplines have been prepared to facilitate the applications for Membership from lift and escalator engineers. The Control, Automation & Instrumentation DAP hosted a webinar for the benefit of potential applicants.

The DAPs actively participated in various activities of the Institution and worked with the Divisions to organise awards, competitions and webinars. In addition, the DAPs continued to offer their professional views on various topics to the Government and the profession.

This Session has been a busy and fruitful year for the DAPs, who reviewed a total of 557 applications.