

REPORT FROM DISCIPLINE ADVISORY PANELS (DAPS) 2020/2021



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Ir Prof Louis F S LOCK
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Ir Dr Edward LO Wai Chau
Chairman, Electrical DAP



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Chairman, Electronics DAP



Ir Prof Irene LO Man Chi
Chairman, Environmental
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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 & 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.

In preparation of the launch of the Competence-based Assessment for Associate Membership targeted for April 2022, the DAPs supported the Working Group on the Competence-based Project. The DAPs were consulted on the proposed Competence Standards for Associate Membership and related documentation.

Representatives from the Building, Building Services, Civil, Electrical, Mechanical and Manufacturing, Industrial & Systems DAPs also gave valuable inputs as part of the review of the Consolidated Model Training Guides for Formal Training Scheme to Associate Membership in competence-based format of their Disciplines.

Assessors nominated by DAPs participated in training sessions aimed at familiarising Assessors with the competence-based system while the Civil DAP held three Assessor's Forums for Civil Discipline.

The DAPs continued to advocate for the mutual recognition of engineering professional qualifications in the region and beyond to facilitate engineers' mobility. We renewed the Reciprocal Recognition Agreement with the Institution of Civil Engineers with the support and input from

Civil and Geotechnical DAPs. The Electrical DAP worked on establishing mutual recognition of professional qualifications with the Guangdong Society for Electrical Engineering.

During the Session, the DAPs considered and supported several measures put forth by the Task Force on HKIE Membership Application. These included setting target maximum timeframe for Professional Assessment procedures; developing an online application tracking system for membership applications; using routing sheets to monitor the progress of individual membership applications; and publishing Examiner Reports on the HKIE website. The timeframe for Professional Assessment procedures have already been implemented for membership applications submitted on or after 15 February 2021.

In response to the COVID-19 pandemic, the DAPs have considered and supported



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Ir Norman CHAN Sin Wing
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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 Ken NG Kin Shing
Chairman, Structural DAP

the Guidelines and Instructions for Online Assessment under Pandemic. At the request of Assessors and at the discretion of the DAPs, assessments could be conducted online. In addition, the DAPs supported the conditions specified for candidates using computing devices to complete the written part of their Professional Assessment.

To facilitate the submission of synopses and papers by Mature Route candidates, the Civil DAP proposed a checklist to provide guidance on such submissions and, upon further consultation with the other DAPs, the checklist is expected to be finalised in Session 2021/2022. The Aircraft DAP also prepared the “General Guidance Study Framework” for Professional Assessment during the Session.

Upon the recommendations of the Structural DAP, amendments were made to the eligibility

for taking the HKIE Structural Examination. These revised criteria will apply from Session 2021/2022 onwards.

The DAPs continued to offer professional views on various topics. The Geotechnical DAP submitted comments on the new global competence framework for Mining Engineers as proposed by the International Competence Centre for Mining Engineering Education and the Institute of Materials, Minerals and Mining. Meanwhile, the Fire DAP offered inputs to the Fire Services Department on its policy of Revitalisation of Industrial Buildings and began discussions with the Department about the design submission requirements for Fire Services Installations by Registered Professional Engineers.

We organised various activities to share information about HKIE membership and the engineering profession. The Control,

Automation & Instrumentation DAP delivered a talk to university students, a Task Force has been set up to help eligible lift engineers apply for the Control, Automation & Instrumentation Discipline. Marine & Naval Architecture DAP conducted career sharing with university students and arranged visits to government’s dockyards. The Mechanical DAP also delivered a talk to promote membership.

This Session has been a busy and fruitful year for the DAPs, who reviewed a total of 654 applications.