

# Report from Discipline Advisory Panels (DAPs) 2015/2016



**Ir Darryl C H CHAN**  
Chairman of Aircraft DAP



**Ir Albert K F POON**  
Chairman of Biomedical DAP



**Ir Allan S K CHAN**  
Chairman of Building DAP



**Ir Clarence Y F MAK**  
Chairman of Building Services DAP



**Ir Dr YAU Yiu Hung**  
Chairman of Chemical DAP



**Ir YU Sai Yen**  
Chairman of Civil DAP



**Ir Prof Paul T C PANG**  
Chairman of Fire DAP



**Ir Sam C K SHUM**  
Chairman of Gas DAP



**Ir WONG Hok Ning**  
Chairman of Geotechnical DAP



**Ir Dr KWOK Lam For**  
Chairman of Information DAP

The Discipline Advisory Panels continued to invest efforts in upholding qualification standards, reviewing issues relevant to their respective Disciplines and offering advice on membership, qualifications, accreditation and training matters during the Session. Representatives of the Discipline Advisory Panels sat on the Education and Examinations Committee, Professional Assessment Committee, Quality Control Committee, Training Committee and Training Review Sub-committees to ensure consistent quality control on membership as well as academic and training assessments.

The Discipline Advisory Panels are responsible for nominating assessors for professional assessments while the representatives on the Education and Examinations Committee and Training Committee are responsible for conducting academic and

training assessments on behalf of their respective Discipline Advisory Panels. We are pleased to report that a total of 1,033 applications for membership were reviewed by the Discipline Advisory Panels during the Session.

To facilitate the development of the Institution's Associate Membership, the Building, Building Services, Civil, Electrical, Manufacturing & Industrial and Mechanical Discipline Advisory Panels developed their respective model training guides and core training objectives for Associate Membership. In addition, on the recommendation of a task force consisting of representatives from Electronics and Information Disciplines, a matching scheme that embraces technical personnel qualified under the Air Traffic Safety Electronics Personnel Certification Scheme for Associate Membership in Electronics and Information

Disciplines was approved. The Building Services Discipline Advisory Panel also reviewed the top-up programmes available for Associate Membership.

Various Disciplines devoted much effort to the development of professional assessment throughout the Session and actively participated in workshops and seminars on professional assessments. For Scheme "A" Training, 11 Discipline Advisory Panels reviewed their respective minimum core subjects in order to provide better guidelines for candidates and higher education institutions.

During the Session, the Building, Geotechnical and Structural Discipline Advisory Panels reviewed and provided advice on the compliance of programmes offered by the University of Macau with the Disciplines' respective academic



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

**Ir IP Pak Nin**  
Chairman of Electrical DAP

**Ir CHU Wing Yuen**  
Chairman of Electronics  
DAP

**Ir Benny Y K WONG**  
Chairman of Environmental  
DAP

**Ir Colin C L CHUNG**  
Chairman of Energy DAP



**Ir Dr WONG Yiu Man**  
Chairman of Logistics  
& Transportation DAP



**Ir Prof Winco K C YUNG**  
Chairman of Manufacturing  
& Industrial DAP



**Ir CHENG Yeung Ming**  
Chairman of Marine &  
Naval Architecture DAP



**Ir Prof Lawrence C M WU**  
Chairman of  
Materials DAP



**Ir CHENG Kin Wai**  
Chairman of Mechanical  
DAP



**Ir CHAN Siu Tack**  
Chairman of Structural DAP

requirements for membership and the Scheme "A" Training in their respective Disciplines. The Discipline Advisory Panels also actively participated in the accreditation activities of the Institution. Members were nominated to be visiting team members for accreditation of degree programmes.

On the international front, the Discipline Advisory Panels worked hard to establish Reciprocal Recognition Agreements with overseas institutions. Thanks to the efforts of the Control, Automation & Instrumentation, Electrical, Electronics, Information and Manufacturing & Industrial Discipline Advisory Panels, the renewal of our Reciprocal Recognition Agreements with the Institution of Engineering and Technology at the Members' and Associate Members' levels were approved and signed during the Session. In addition,

with the support of the Civil and Geotechnical Discipline Advisory Panels, the Reciprocal Recognition Agreement with the Institution of Civil Engineers was renewed. The Geotechnical Discipline Advisory Panel also formulated procedures and submission requirements for candidates applying for membership under the Geotechnical Discipline under the Agreement. With the support of the Gas Discipline Advisory Panel, the Reciprocal Recognition Agreement with the Institution of Gas Engineers and Managers was also renewed. The Mechanical Discipline Advisory Panel was consulted on the renewal of the Reciprocal Recognition Agreement with the Institution of Mechanical Engineers.

Activities such as career talks, seminars and membership drives were organised to promote Disciplines and attract potential

applicants. The Chemical and Energy Discipline Advisory Panels worked closely with the relevant Divisions to deliver technical talks to promote engineering in their respective Disciplines. Scheme "A" Training was also actively promoted to local companies and graduates.

For the newly-established Energy Discipline, the number of applications from non-HKIE members has already reached 291.

Last but not least, the HKIE Structural Examination 2015, which was overseen by the Structural Discipline Advisory Panel, was successfully held on 26 November 2015. An overwhelming response was received with a total of 378 candidates sitting for the written examination.