

Report from Discipline Advisory Panels (DAP) 2013/2014



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01 / **Ir David C L TONG**,
Chairman of Aircraft DAP

02 / **Ir Prof Daniel H K CHOW**,
Chairman of Biomedical DAP

03 / **Ir Charles Y W LEUNG**,
Chairman of Building DAP

04 / **Ir Thomas K C CHAN**,
Chairman of Building
Services DAP

05 / **Ir Dr Peter Y H YAU**,
Chairman of Chemical DAP

06 / **Ir LEE Ping Kuen**,
Chairman of Civil DAP

07 / **Ir Dr John K L HO**,
Chairman of Control, Automation
& Instrumentation DAP

08 / **Ir IP Pak Nin**,
Chairman of Electrical DAP

09 / **Ir Frank F CHAN**,
Chairman of Electronics DAP

10 / **Ir Dr TSO Che Wah**,
Chairman of Energy DAP

11 / **Ir Prof POON Chi Sun**,
Chairman of Environmental DAP

12 / **Ir WONG Chi Kwong**,
Chairman of Fire DAP

13 / **Ir Lewis H Y HO**,
Chairman of Gas DAP

14 / **Ir WONG Chi Ming**,
Chairman of Geotechnical DAP

15 / **Ir Dr KWOK Lam For**,
Chairman of Information DAP

16 / **Ir Prof William H K LAM**,
Chairman of Logistics &
Transportation DAP

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

18 / **Ir Louis K S SZETO**,
Chairman of Marine &
Naval Architecture DAP

19 / **Ir Dr FUNG Wing Kun**,
Chairman of Materials DAP

20 / **Ir Alex W H LEUNG**,
Chairman of Mechanical DAP

21 / **Ir CHAN Siu Tack**,
Chairman of Structural DAP

Report from Discipline Advisory Panels 2013/2014

The Discipline Advisory Panels continued to spare no effort 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 sit on the Education and Examinations Committee, Quality Control Committee and Training Committee to ensure consistent quality control for membership, academic and training assessments.

For membership assessments, Assessors are nominated by the Discipline Advisory Panels to serve as examiners in Professional Assessments. For academic and training assessments, representatives who sit on the Education and Examinations Committee and Training Committee are responsible for conducting assessments on behalf of their respective Discipline Advisory Panels. We are pleased to report that nearly 750 applications for membership were reviewed by the Discipline Advisory Panels during the Session.

To develop our Associate Member, Aircraft and Electrical Disciplines will be the pilot Disciplines to trial run the top-up arrangement set up for Associate Members wishing to become Corporate Members following the Council's approval of proposals put forward by the Task Force on Associate Membership Route to Corporate Membership. In addition, the Building and Electrical Discipline Advisory Panels developed their respective Model Training Guide and Core Training Objectives for Associate Membership.

Various Disciplines devoted much effort to the development of professional assessment throughout the Session. A briefing session on professional assessment criteria was organised for Assessors by the Environmental Discipline Advisory Panel while the Aircraft Discipline Advisory Panel created a checklist for assessing applications to become members of Aircraft Discipline. The results of professional assessments were reviewed by the Geotechnical Discipline Advisory Panel.

Various Discipline Advisory Panels promoted Scheme "A" Training to local companies and graduates during the Session. The Electrical Discipline Advisory Panel reviewed and made proposals on admission requirements for marginal cases that do not meet the core subject requirements for Scheme "A" Training while the Manufacturing and Industrial Discipline Advisory Panel suggested amendments to the proposed criteria for selection and appointment of visit team members.

In addition, the Discipline Advisory Panels continued to lend full support to the Working Group on Competence-Based Assessment to develop competence-based assessment requirements for Professional Assessment. The competence achievement system will be developed based on the views received from different Disciplines and the Discipline Advisory Panels will assist in rewriting the training objectives and introducing pilot exercises in due course.

On the international front, the Discipline Advisory Panels have worked hard to establish Reciprocal Recognition Agreements (RRAs) with overseas institutions. Thanks to the efforts of the Logistics and Transportation Discipline Advisory Panel, an RRA was successfully established with the Chartered Institution of Highways and Transportation (CIHT). In addition, on the recommendation of the Energy Discipline Advisory Panel and Manufacturing and Industrial Discipline Advisory Panel, the RRAs with the Energy Institute (EI) and the Society of Operations Engineers (SOE) at Corporate Members' level were amended to cover the newly-established Energy Discipline and Manufacturing and Industrial Discipline respectively.

Various activities were organised to promote the Disciplines. Careers talks were successfully conducted at universities and companies by the Building Discipline Advisory Panel. Seminars, careers talks and discussion sessions with university students were organised by the Biomedical Discipline Advisory Panel to promote Biomedical Discipline. In addition, the Chemical Discipline Advisory Panel worked closely with the Mechanical, Marine, Naval Architecture and Chemical Division to organise a series of technical seminars.

For Logistics and Transportation Discipline, we are pleased to report that the number of Members admitted to the Discipline has already reached 309. The new Logistics and Transportation Division was subsequently established, in parallel with the Panel's activities.

For the newly-established Energy Discipline, admission requirements for Founding Members, core subjects for engineering degree programmes, HKIE-accredited degree programmes relevant to the Energy Discipline and core objectives were proposed and approved.

Last but not least, with the Structural Discipline Advisory Panel steering the course, the HKIE Structural Examination 2013 was successfully held on 29 November 2013. An overwhelming response was received with a total of 328 candidates sitting for the written examination. Also, the Guangdong Legal and Regulation Test for Members who had acquired the 1RSE-PRC qualification via the Mutual Recognition Agreement with the National Administration Board of Engineering Registration (Structural) was held on 14 September 2013 in Guangzhou, following a pre-test training course in Shenzhen on 7-8 September 2013.