

Reports from Boards and Committees

2016/2017

ADMINISTRATION BOARD

The Administration Board is responsible for the interpretation, development and implementation of the Institution's policies on financial and administrative matters as well as the co-ordination of administrative functions that involve more than one committee under the Board. Appraising the Institution's administrative policies from time to time is a central and fundamental role of the Board.



Ir Thomas K C CHAN

Chairman

To keep step with the times and meet the changing needs of users, the Board decided to revamp the Institution's website with a new look that could facilitate exploration and the search for relevant information about the Institution by users. The revamp of the HKIE website is in progress and the launch of which is tentatively planned for the coming Session.

A series of fundraising activities were organised by the Committee on Fundraising for Institution's Accommodation, including the entertainment programme at the Presidential Dinner 2016, HKIE Fundraising Golf Day 2016, HKIE Fundraising Hiking 2017, etc, to raise funds for repaying the mortgage loan covering the additional accommodation.

To give due recognition to donors who supported the purchase of additional accommodation for the Institution, the Board decided to post a full list of donors on the HKIE website permanently, in addition to the existing acknowledgements.

To serve our members better, the Board took the initiative to enhance the visibility of the Job Centre under Hong Kong Engineer Online by adding a Job Centre banner to the HKIE Home Page for members' easy access and to place a promotional advertisement in the Journal.

During the year, a new members' profile update service was developed and launched for members to update their personal information online via the members' login area.

The Institution generated sufficient income to fund the resources required for the activities initiated in the year and the Board is pleased to note that the Institution's healthy financial position has been maintained.

In addition, the Board has closely monitored the changes to the establishment of the Secretariat, the affairs of the Journal and the financial accounts of the Institution's Yearbook. The Board will continue to review the Institution's facilities and management issues.



Ir Allan S K CHAN

Chairman

Finance & Investment Committee

The Finance & Investment Committee is responsible for the management of the Institution's assets and investments. It is also responsible for the planning and monitoring of the Institution's income, expenditure and cash flow. The Committee reports to the Administration Board.

The Committee is pleased to report that, for the 2016/2017 financial year, the Institution maintained its healthy financial position with a surplus of HK\$7.3 million. Apart from the HK\$2.6 million in donations for premises for learned society activities, the surplus was HK\$0.9 million more than that of last year. The total income for the year was HK\$66.1 million and the total expenditure for the year was HK\$58.7 million. Leaving the donations

aside, the income and expenditure for the year were HK\$2.6 million and HK\$3.6 million less than last year respectively mainly due to a decrease in income and expenditure for conferences and events held during the year. The overall spending pattern remained broadly similar.

Having reviewed the Institution's financial position and taking into consideration the situation of the market and industry, the Committee recommended maintaining membership fees at their existing level for the 2017/2018 financial year and to continue with the early bird discount to all members whose subscription payments were made by cheque or cash before 1 April 2017.

With close monitoring of our spending, the Institution anticipates a healthy financial position in the coming financial year.

Journal Editorial Committee

The Journal Editorial Committee (JEC) publishes the *Hong Kong Engineer* (the Journal), Hong Kong Engineer Online and the *HKIE Yearbook* to help expand the professional connections and broaden the horizons of our members.

The Journal has been enriched by insightful submissions from Divisions, Committees and Clubs on their year-round activities, as well as useful technical information and the latest news on developments in the industry. Significant engineering projects such as Gleneagles Hong Kong Hospital, the Hong Kong-Zhuhai-Macao Bridge, the opening of the MTR Kwun Tong Line Extension and the South Island Line were featured as cover stories in this session.

A special column on the Belt and Road Initiative was published in the February 2017 issue to echo the theme of this Session: "Our Five O's: One Institution • One Profession • One Great Future • One Belt • One Road". The Committee also initiated the introduction of a banner on the HKIE website that directs web users to the Job Centre, so that members can more easily access the engineering jobs listing platform.

The Institution was honoured to be conferred the Caring Organisation Logo for the 13th consecutive year since 2004. To show our support for the community, we continued to offer a complimentary promotional insertion service to charitable organisations such as Sowers Action, Médecins Sans Frontières Hong Kong, Hong Kong Red Cross and Orbis Hong Kong.

The Committee owes all these accomplishments to the unwavering support and devotion of the Committee members and the Publisher, and we will continue to provide high-quality publications for our members.



Ir Dr Edward W C LO

Chairman



Ir Peter K K LEE

Chairman

Management Committee

The Management Committee is responsible to the Administration Board for the regular review and updating of the Institution's policies and management procedures. The Committee

is also responsible for the review of the Composition and Terms of Reference of the Standing Committees.

In Session 2016/2017, no special issue was put forward to the Committee for consideration.

Staff Resources Committee

The Committee is responsible to the Administration Board for reviewing policy and guidelines for the Institution's staff establishment. It also reviews job specifications for Secretariat staff, formulates policy and guidelines for salary levels and conditions of service and maintains an equitable remuneration system.

In view of the growth in the Institution's work, proposals on staff establishment based on the workload and development of individual functional areas of the Secretariat were approved for implementation in 2016/2017. The Committee also kept in view the overall staffing structure and its complement to ensure that the level of staffing support could be maintained at an equilibrium in meeting adequately the development and service needs of the Institution.

The Committee reviewed the salary levels of staff, which were benchmarked against market trends, and the recommendation subsequently put forward by the Committee was adopted. At the same time, the Committee monitored staff cost against the budget to ensure that the appropriate level of service support to members in general would be satisfactorily provided.



Ir HO Kwong Wai

Chairman

QUALIFICATION & MEMBERSHIP BOARD

During the Session, the Qualification & Membership Board continued to spare no effort in its bid to:

- (i) enhance the Institution's international standing and mobility of engineers;
- (ii) review the Institution's qualifying process; and
- (iii) maintain the quality of membership admission.

We are pleased to report that the renewal of our Reciprocal Recognition Agreement with the Institution of Mechanical Engineers was approved and signed in September 2016.

On the recommendation of the Working Group on the Implementation of Competence-based Approach in Assessment of Experience and Professional Competence, the Board approved the updated schedule for the implementation

of the competence-based approach in our Professional Assessment for the coming two years. Full implementation of this new approach in Professional Assessment is planned for 2019.

As part of its continued efforts to uphold the quality of the membership through its admission system, the Board reviewed and approved the amendments related to the recognition of the ECUK Examinations for satisfying the academic requirements for the class of Member, to cover candidates who had passed the examinations before its cessation in 2012. In addition, revised appeal procedures for Professional Assessment were considered and approved during the Session.

On the development of the Institution's Associate Membership, the Board approved the proposals put forth by the Task Force of Top-up Requirements for Associate Membership to assist applicants whose academic qualifications require topping-up with an individual project to apply for Associate Membership.

Finally, I am pleased to report that this year had been a busy and fruitful year for the Board. A total of 1,695 and 3,694 applications for Corporate and other classes of membership were reviewed by the Board respectively.



Ir Dr Philco WONG
Chairman

MEMBERSHIP APPLICATION STATISTICS

GRADE	APPLICATIONS	
	Considered	Accepted
	2016/2017	2016/2017
Fellow	62	47
Member	1,363	484
Graduate Member	1,309	1,275
Associate Member	3	2
Companion	1	1
Student Member	2,380	2,360
Affiliate	1	1
Additional Discipline	270	138
Total	5,389	4,308

Note: Up to 31 March of the year.

MEMBERSHIP STATISTICS

Membership	31-Mar-14	31-Mar-15	31-Mar-16	31-Mar-17
Honorary Fellow	18	19	18	19
Fellow	1,099	1,140	1,140	1,155
Member	13,388	13,727	14,156	14,435
Graduate Member	7,021	7,572	7,824	8,295
Associate Member	1,196	1,137	1,071	1,011
Companion	15	15	16	17
Student Member	8,109	8,158	8,368	9,181
Affiliate	401	391	376	350
Total	31,247	32,159	32,969	34,463

Education & Examinations Committee

During this Session, the Education and Examinations (E & E) Committee considered a total of 106 applications for individual assessment of academic qualifications for the class of Member, of which 63 cases were accepted as meeting the academic requirements for Members, while 43 cases were rejected.

In the year under review, the Civil Discipline received 35 applications, which is the highest among the Disciplines, followed by the Structural Discipline, which received 19 applications; and the Environmental Discipline, which received 13 applications for academic assessment.

The Committee also considered one application under the Special Route for Specific Disciplines (Environmental, Information and Materials) in the Environmental Discipline which was accepted.

In addition, the E & E Committee endorsed a proposal by the Task Force of Top-up Requirement for Associate Membership to devise a special scheme, in lieu of the project requirement, to provide an alternative for candidates applying for Associate Membership to satisfy the academic requirements. The proposal was subsequently approved by the Qualification & Membership (Q & M) Board.

At the invitation of the Q & M Board, the E & E Committee reviewed the recognition of qualifications derived

from Engineering Council Examinations. It recommended that passes in the Engineering Council Postgraduate Diploma in and after 2002, up to and including 2012, may be acceptable for the class of Member by the respective Disciplines on an individual basis. The recommendation was subsequently approved by the Q & M Board.



Ir Prof Michael K H LEUNG
Chairman

Fellowship Committee

Fellow is the highest grade of all the Institution's membership classes available for application. Fellows are senior members who are well-positioned to make major contributions to the affairs of the Institution, issues of public interest and learned society functions, and towards the setting of standards for qualifications.

During the Session, the Fellowship Committee recommended a total of 59 candidates for Fellowship.

It is the policy of the Committee to assess each application based on individual merit, taking into full consideration each candidate's particular circumstances.

We would be pleased to see more qualified applicants submitting their applications for Fellowship in the future.



Ir Stephen H C CHAN
Chairman

Professional Assessment Committee

During the session, the Professional Assessment Committee (PAC) was invited by the Qualification & Membership (Q & M) Board to review the appeal procedures associated with professional assessment. A task force consisting of the convenor, Ir Colin Chung (Chairman of PAC) and three members; namely Ir S T Chan (Deputy Chairman of PAC), Ir Prof H K Lam (Logistics & Transportation Discipline) and Ir Dr George Sze (Chairman of Quality Control Committee); was formed to review and form recommendations on the appeal procedures.

The proposal was endorsed by the Q & M Board and subsequently approved by the Council. The enhanced procedures introduce a final appeal mechanism with the Quality Control Committee

remaining responsible for review and making decisions on initial appeals, while individual appeal panels composed of three Fellows nominated by the Q & M Board with the approval by the Council will be formed with responsibility for reviewing further individual appeal cases and submitting recommendations to the Q & M Board. The Board will make the final decision on the further appeal and no subsequent appeal will be accepted. This provides a defined procedure for appellants to follow. A final appeal has to be made within two months from the date of the letter notifying the result of the first appeal. It involves a fee of HK\$1,760, which will be refunded if the appeal is successful.

To update assessors on the Professional Assessment process and practice, a briefing session on the assessment of Mature Route and Research & Development Route candidates and two Assessor Forums on Professional Assessment for Assessors were held in October and November 2016 respectively. Assessors also shared their invaluable views and experience during the Forums.



Ir Colin C L CHUNG

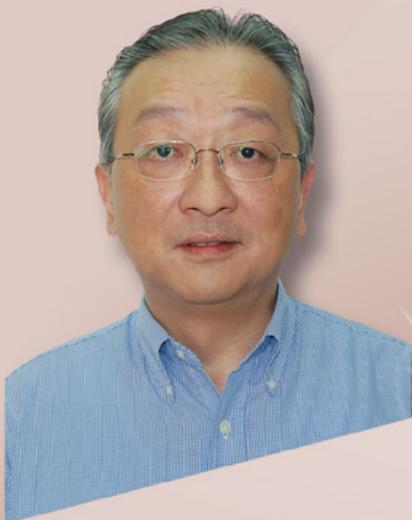
Chairman

Quality Control Committee

Six meetings were held during the Session and a total of 536 assessment results were reviewed. The passing rate was 52% for this Session, compared with 56% for the previous Session.

During the Session, the Committee reviewed 31 appeal cases.

The Committee strove to achieve its mission of maintaining a consistent, high-quality standard in Professional Assessments across the Institution's 21 Disciplines and to uphold the quality of Members admitted via Reciprocal Recognition Agreements with other institutions.



Ir Dr George L W SZE

Chairman

Training Committee

The Training Committee handles various training matters; in particular, the vetting and monitoring of Scheme "A" Training and the Formal Training Scheme to Associate Membership (AM Formal Training). During Session 2016/2017, 32 assessment and re-assessment visits were conducted. A total of 233 companies or organisations were approved for HKIE Scheme "A" Training or AM Formal Training. The number of newly-registered trainees reached 929.

Four Engineering Supervisor Workshops were successfully held during Session 2016/2017 and 79 members were qualified to be Engineering Supervisors for Scheme "A" Training or AM Formal Training.

The Trainee of the Year Award 2016 was presented at the New Members' Reception cum Prize Presentation Ceremony held on 20 January 2017 at the Hong Kong Club.

In this Session, the First Prize Winner is Miss W Y Hui (Electrical and Mechanical Services Department, the HKSAR Government); the Second Prize Winner is Mr Sebastian Kong (MTR Corporation Ltd) and the Third Prize Winner is Mr F H Yan (Electrical and Mechanical Services Department, the HKSAR Government). Ir Dr Joseph Choi, President of the Institution, presented the prizes to the three awardees and their company representatives.

The Training Committee revisited the Industrial Centre of the Hong Kong Polytechnic University and the University of Hong Kong, both of which were granted 'HKIE Approved Training Centre for providing relevant training in meeting Scheme "A" requirements' status, which is valid until 31 August 2020.

One important milestone achieved this Session was the approval of Minimum Core Subject Areas, which form the criteria for evaluating the eligibility of programmes for admission into the respective Scheme "A" Training as a result of the implementation of the 3-3-4 education system in Hong Kong. In retrospect, the Training Committee also approved special admission recommendations from Disciplines for eligibility into Scheme "A" Training for 2016 and 2017 graduates.

Ir Prof Leslie George THAM

Chairman



LEARNED SOCIETY BOARD

In Session 2016/2017, the Learned Society Board continued to develop and refine policies and procedures in support of the effective operation of Divisions and Committees.

To facilitate divisional elections, the Council approved the Board's recommendation to allow candidates standing for elections at the AGMs of Divisions/AMC/SSC/YMC to post their election materials onto their websites. A set of guidelines for circulation of election materials was prepared and relevant amendments to the Division Manual were made to facilitate implementation in the Session.

Further, the Task Force on Nomination of HKIE Members to External Boards/ Committees was set up following the advice of last Session's Board to review the Institution's nomination procedures for better implementation in the future. The results of the review suggested that the established procedures were in order and no action to amend the procedures was required. However, with a view to facilitating consistency in interpretation, the Task Force proposed that additional explanatory information in the form of supplementary notes to the nomination procedures be provided. Such notes were adopted by the Council on the Board's recommendation. The Board further set up the Task Force on Restructuring AP/RSE/RGE Committee to improve the composition and terms of reference of the AP/RSE/RGE Committee.

The Institution is actively establishing and maintaining connections with overseas and Mainland institutions. During the Session, the Institution renewed an Agreement of Co-operation with the Institution of Engineering and Technology. With the support of the Liaison Office of

the Central People's Government in the HKSAR, the Board organised a four-day visit to Hangzhou from 19 to 22 March 2017. The 24-member delegation, including the Chairman and/or Office Bearers of Divisions and Committees under the Board, had fruitful discussions with Mainland officials, representatives of our engineering counterparts and famous enterprises such as Alibaba.

This Session marked the beginning of the HKIE Student Chapter at the Hong Kong Baptist University, which was officially inaugurated in September 2016. To increase the profile of the Institution and the engineering profession among young people, the Board planned to undertake a review of the HKIE student award programmes, particularly in respect of the aim, number of awardees and monetary value of prizes, so as to enhance the impact of these programmes.

We are dedicated to enabling our members to develop and maintain capabilities to perform competently within their professional environments. During the Session, more than 750 learned society activities and other events were organised or co-organised by our Divisions and Committees.



Ir Ringo S M YU

Chairman

Community Service Committee

The Committee continues to take a proactive approach towards facilitating members' active participation in community work with a view to enhancing the HKIE's public image.

In response to invitations from Government departments and external organisations, CSC members have been most supportive in nominating suitable candidates to serve on various boards and committees, to contribute their expertise and professional knowledge on technical issues. For the session under review, a total of 151 members were nominated as HKIE representatives to serve on external boards and committees. In addition, members were invited to take part in various public forums and working groups to express engineers' views on issues of public concern.

To promote volunteerism in the engineering profession, the HKIE Professional Volunteers Service Accreditation Programme (Programme) was set up to recognise our members' contributions of their expertise and efforts in serving the community. During this session, 49 members were awarded under the Programme. We hope that the Programme will further encourage our members to play an active role in contributing to society.

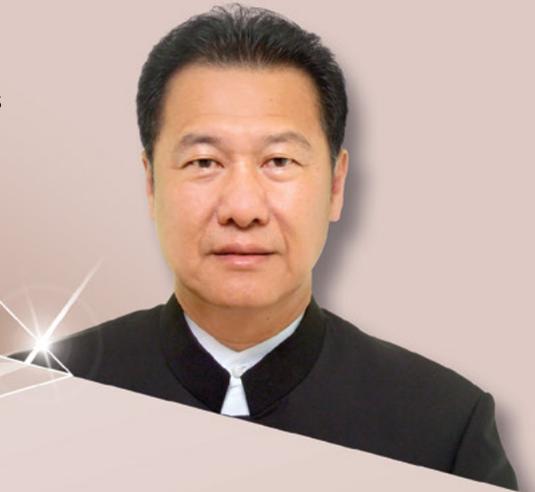
The Committee is also responsible for formulating the Institution's views on social and technical issues. As in previous years, the Committee co-ordinated responses to public consultation

papers from Divisions, Committees and members. During the session, 21 invitations for opinions were received from various Government departments, higher educational institutions as well as professional institutes.

With the commendable efforts and contributions of our members, the Committee's works progressed smoothly during the year 2016/2017.

Ir Louis K S SZETO

Chairman



Conference Committee

The Conference Committee was actively involved in the planning and organisation of various local and regional conferences during Session 2016/2017.

"The Hong Kong Institution of Engineers Conference – Our Hub • Your Future in Belt and Road" was held on 7 April 2017 at the Hong Kong Convention & Exhibition Centre. The Conference was well-attended by some 200 participants. 10 presentations by prominent speakers were delivered during the Conference, including two keynote presentations by Ir Eric Ma, the then Secretary for Development of the Government of the HKSAR; and Prof Zhou Hanmin, Vice Chairman of Shanghai Committee of the Chinese People's Political Consultative Conference respectively. Each of the three plenary sessions was followed by a panel discussion to summarise the discussions and insights shared by the speakers.

Responses to the post-conference survey reflect generally positive experience by delegates with 94% of survey respondents considering the Conference a satisfactory or very satisfactory experience.

A survey is an effective means of post-conference assessment. To this end, the Committee prepared a questionnaire template for reference by individual organising committees and/or Divisions/Committees.

The Conference Committee was also involved in the planning of the organisation of the "Shanghai and Hong Kong Symposium on Science and Technology" and the Distinguished Lectures to be held in the next Session.



Ir CHOW Lap Man

Chairman

Continuing Professional Development Committee

The Continuing Professional Development Committee (CPDC) continued its efforts to promote and administer generic Continuing Professional Development (CPD) activities for members of the Institution.



Ir Dr KOON Chi Ming

Chairman

With support from 11 CPD course providers, the Committee planned around 630 courses covering occupational safety and health, technical matters and general professional subjects during Session 2016/2017. These activities attracted around 2,485 participants. The Committee and Young Members Committee (YMC) also co-organised free CPD courses and activities for YMC members.

The CPD has become a mandatory requirement for Corporate Members. In order to ascertain compliance, the CPDC has set up a Special Panel (CPDCSP) to review CPD submissions and to make recommendations to the CPDC on cases of compliance each year. An audit mechanism is in place for the purpose.

A round of audit on members' CPD attainment in 2015 has been completed and a recent round on members' attainment in 2016 has started. For 2015, the CPDCSP reviewed a total of 139 cases and 124 of them were in compliance with the requirements.

Subsequent to the Council's approval on the competence-based approach to CPD Activities (the Approach) for Corporate Members in May 2016, the information was communicated to Members in the HKIE Journal and on the HKIE's website. Under this Approach, Corporate Members are required to undertake, out of the 30 CPD hours per year, at least five hours each for two areas of CPD activities, namely "Technical Matters" and "Broader Areas of Studies". There will be a transitional period of two years from 1 January 2017 to 31 December 2018. This Approach will be fully implemented on 1 January 2019.

HKIE Transactions Committee

With the aim of providing an excellent platform for information and knowledge exchange among local and overseas engineering communities, *HKIE Transactions* publishes high-quality papers from different engineering disciplines which have been of tremendous use and interest to practising engineers and academics alike over the years.

Our continuing partnership with the international publisher, Taylor & Francis, enables the publication to reach a wider global readership and maximises the outreach to international authors, thus enhancing the international profile of *HKIE Transactions*. Starting from 2015, a theme issue (previously known as "special issue") of *HKIE Transactions* covering hot engineering topics is published each year to enhance the citation rate.

The Committee is delighted to report that we are honoured to have Ir Prof Christopher Chao, Head and Chair Professor of the Department of Mechanical and Aerospace Engineering, The Hong Kong University of Science and Technology, as the Guest Editor

for the third theme issue on "Energy Engineering with Applications in Smart Green Buildings", which was published in June 2017.

Following the success of previous theme issues, the Committee is pleased to announce that the fourth theme issue on "Landslides and Debris Flow – Theory and Design, Mitigation, Stabilisation and Monitoring", will have Prof Tim Tapani Lämsivaara, Professor of the Department of Civil Engineering, Tampere University of Technology in Finland, as the Guest Editor. This theme issue is scheduled to be published in June 2018.

Three distinguished papers published in *HKIE Transactions* were awarded the HKIE Best Transactions Paper Prize 2016, and three other papers were awarded the HKIE Outstanding Paper Award for Young Engineers/Researchers 2016. The awardees of the Outstanding Paper Award were invited to present their awarded papers and accomplishments

to some 30 members, practitioners and engineering students at a technical seminar held on 13 September 2016. The awarded papers, together with the four shortlisted papers, were published in the special issue of *HKIE Transactions* in December 2016.

The success of *HKIE Transactions* is attributed to the leadership of the Editorial Panel as well as the unstinting support of the International Panels formed by a group of overseas intellectuals. The Committee will continue to uphold and enhance the international status of *HKIE Transactions* in the coming Session by publishing more high-quality papers.



Ir Prof CHAN Tat Leung

Chairman

Public Relations Committee

The Public Relations Committee (PRC) strives to enhance the image of the HKIE and strengthen the visibility of the engineering profession among members, the media, the younger generation and the general public. In addition, during this Session the Committee put much effort into extending the promotion of the engineering profession to junior students.

With an aim to showcase engineers' vital role in the sustainable development of Hong Kong, members of the Committee also made a great effort in providing professional advice and support on the co-ordination and publicity of the HKIE Fiesta 2017. This was our signature event of the Session and took place on Sunday, 11 June 2017, at the Star Hall of the Kowloonbay International Trade & Exhibition Centre under the theme of "Our Future 2035". The Fiesta concluded to great applause with a record attendance of more than 7,500 visiting traffic, including many youngsters.

To raise the interest of junior students in the engineering profession and strengthen their understanding of the engineering industry, the Committee developed a comic in video format depicting the adventures of two little warriors with a mission to hunt down treasures which represent the 21 engineering disciplines of the Institution. The comic premiered at the opening ceremony of the HKIE Fiesta 2017. In addition to the comic, the Committee is planning to develop a new set of promotional materials targeted at this group of students to enhance their understanding of the importance of engineering in our daily lives.

The HKIE School Ambassadors Programme continued to play an essential role in arousing wider interest in the engineering profession among the younger generation and the public. The Committee is pleased to report that 127 School Ambassadors were recruited to deliver a total of 52 school talks to around 7,400 students in secondary schools and tertiary institutions during this Session.

The HKIE also participated in the Education and Careers Expo 2017 at the Hong Kong Convention and Exhibition Centre and the Career Expo at Science Park 2017 on 23-26 February 2017 and 25 February 2017 respectively. In order to attract the younger generation, a HKIE mascot was developed and incorporated into some souvenirs which were distributed to students at the Expo. A survey was conducted among the visitors at the Education and Careers Expo to assist the Institution in crafting its future publicity plans.

The Committee also arranged School Ambassadors to answer enquiries from university students, fresh graduates and young jobseekers during the events. We received an overwhelming response in these events, which recorded more than 1,750 visitors. By participating in these activities, the Committee hopes to nurture a new generation of talent for the engineering industry for the betterment of Hong Kong.

In order to foster closer relationships with the District Councils as well as the local community, the PRC accepted an invitation from the Yau Tsim Mong District Building Management Promotion Campaign Organising Committee to deliver a talk on building management for property owners in Yau Tsim Mong District on 8 November 2016. The Committee also delivered another talk organised by the Buildings Department at its Building Safety Week 2017 on 18 March 2017, to promote the proper repair of private buildings to members of the public, owners' corporations and property management agents. More than 250 participants attended these seminars. A courtesy visit to the Sham Shui Po District Council was also arranged on 30 June 2016, to exchange views and offer advice on various district engineering projects.

To promote the image of the Institution and strengthen the public's understanding of the engineering profession, the PRC published a series of engineering stories in the education column of the *Sing Tao Daily* and supported the *Classified Post* website (<http://www.cpjobs.com/hk>) by contributing articles on topics such as market trends and offering regular advice and experience on career building.



Ir Prof Adam S C CHOY
Chairman

PLANNING COMMITTEE

In accordance with the timeframe and flow chart of the planning cycle, the Planning Committee has continued its effort to review and update the Institution's development plans regularly. It is encouraging to note that the new initiatives proposed under the Year Plan for Session 2016/2017, together with other planned action tasks under the Three-Year Rolling Plan for Sessions 2016/2017 to 2018/2019, have been successfully implemented or are already in the pipeline.

Under the theme of the Session "Our Five O's: One Institution • One Profession • One Great Future • One Belt • One Road",

a number of initiatives were introduced to keep members abreast of major developments under the Belt and Road Initiative, such as the organisation of the HKIE Conference - "Our Hub • Your Future in Belt and Road" and the HKIE Sharing Session on the Belt and Road Initiative. The HKIE Platform on the Belt and Road Initiative and the Information Hub on Mainland Affairs were also launched on the HKIE website. Meanwhile, the HKIE Fiesta 2017, with the theme of "Our Future 2035", was organised to promote the engineering profession and enhance the professional image of engineers among the public.

In mapping out the Institution's next Three-Year Rolling Plan, the Committee reviewed and accepted the proposed new initiatives as prepared by the three Vice Presidents of the Session for Sessions 2017/2018 to 2019/2020. It was also planned to hold the Strategic Planning Meeting in Session 2017/2018.



Ir CHAN Chi Chiu

Chairman

ACCREDITATION BOARD

As a full signatory to the Washington Accord, the Institution has established itself as the internationally-recognised body in Hong Kong for the accreditation of engineering degree programmes. At present, a total of 105 engineering degree programmes (including three in Macau) are accredited by the HKIE. During the past year, the Board carried out four accreditation visits to local institutions to evaluate 42 engineering

degree programmes. They were all successfully carried out with encouraging feedback from the visiting teams and the universities.

Following the successful first cycle of outcomes-based accreditation visits conducted between 2013 and 2016, it is important for faculty members to broaden their understanding of the continuous improvement in student learning through the design of assessment processes, development of measurable learning outcomes and application of data collection and data reporting methods. Towards this end, the Accreditation Board invited Prof Daina Briedis, an experienced ABET trainer and evaluator, to conduct a one-day workshop for university faculty members in November 2016. The focus of the workshop is on outcomes-based assessment processes for engineering degree programmes under the outcomes-based approach.

As an accrediting body for engineering degree programmes in Hong Kong, the Institution continues to conduct outcomes-based accreditation for engineering degree programmes. Following the completion of the first cycle of outcomes-based accreditation visits, a new round of outcomes-based accreditation visits for engineering degree programmes in Hong Kong has commenced.

The Board is committed to achieving the highest standard in its accreditation service. To this end, it maintained a close working relationship with local universities and conducted periodic exchanges and discussions with other accreditation authorities in the region and the Washington Accord jurisdictions during the year.



Ir Peter Y WONG

Chairman

Accreditation Committee for Computer Science Programmes

The Accreditation Committee for Computer Science Programmes laid a solid foundation for the operation and development of a robust accreditation system for computer science degree programmes in Hong Kong.



Ir Dr CHAN Chun Leung

Chairman

Accreditation Committee for Higher Diploma Programmes

The Institution has been a full signatory of the Sydney Accord since 2003. All engineering and computing higher diploma and equivalent programmes accredited by the HKIE are fully recognised by other signatories, including Australia, Canada, Chinese Taipei, Ireland, Korea, New Zealand, South Africa, the United Kingdom and the United States. At present, a total of 33 higher diploma and equivalent programmes are accredited by the HKIE.

According to the Sydney Accord rules and regulations, every jurisdiction with full signatory status is required to undergo a verification process every six years. The purpose is to verify that their accreditation system and the outcomes of the engineering technologist programmes remain substantially equivalent to the requirements of the Sydney Accord.

The HKIE has been a full signatory of the Seoul Accord since 2009. The Seoul Accord is an international mutual recognition agreement on accreditation of computing as well as information and communication technology degree programmes. As a full signatory to the Seoul Accord, all computer science degree programmes accredited by the HKIE are fully recognised by other signatories to the Accord, including Australia, Canada, Chinese Taipei, Japan, Korea, the United Kingdom and the United States. At present, a total of 18 computer science degree programmes are accredited by the HKIE.

In order to align with the international practice of outcomes-based accreditation, the Committee completed a review of the existing accreditation criteria and procedures for computer

science programmes. Revisions to the accreditation criteria do not only incorporate the development of outcomes-based accreditation and the requirements of the Seoul Accord, but were made to attune with the implementation of the “3-3-4” education system in Hong Kong.

The revised accreditation criteria were effective in parallel with the previous accreditation criteria until the 2016/17 academic year. During this period, universities/ higher education institutions were allowed to choose one of the two sets of accreditation criteria for accreditation of their computer science programmes. Starting from 1 September 2017, all computer science programmes seeking accreditation would only be accredited according to the revised criteria.

During Session 2016/17, the Committee conducted three accreditation exercises to evaluate three computer science programmes for provisional accreditation and four computer science programmes for full accreditation.

A Sydney Accord Review Panel, which consisted of representatives from Ireland, New Zealand and Australia, completed the verification process on the HKIE in January 2017. The Review Panel observed two HKIE accreditation visits to the Hong Kong Polytechnic University and Hong Kong Institute of Vocational Education (Tsing Yi) in January 2017 as well as the HKIE Accreditation Committee for Higher Diploma Programmes meeting in September 2016. The Institution's full signatory status under the Sydney Accord for another six years from June 2017 was subsequently confirmed.



Ir Albert W K TO

Chairman