



**Ir Joseph
K H CHOI**
Chairman

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.

To provide a relaxing environment for members, the Board decided to set up a new coffee corner in the bar area on the 9th floor of the HKIE premises where a self-help coffee machine was installed. At the same time, the carpets of part of the 9th floor including the bar area were replaced.

To celebrate the 40th Anniversary of the Institution, the Board worked with the Journal Editorial Committee to publish a special issue of the Journal in December 2015 that featured the development and milestones of the six founding Divisions of the Institution.

With the purchase of the additional accommodation on 21/F of Island Beverley for the Institution and the completion of renovation works, the Board agreed that the related Task Forces and Special Groups should be dissolved with the exception of the Special Group on Fund Raising, which would be converted to committee level. The focus of the committee's work would be to raise funds with a view toward repaying the mortgage loan in full as soon as possible.

Noting the utilisation of the HKIE Job Forum on the HKIE website, the Board decided to discontinue the Forum. In parallel, the Job Centre under Hong Kong Engineer Online, a similar channel, would be enhanced for easy access and be promoted to members.

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.

Finance & Investment Committee

The Finance & Investment Committee is responsible for the management of the assets and investments of the Institution. 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 2015/2016 financial year, the Institution maintained its healthy financial position with a



surplus of HK\$9.6 million. The total income for the year was HK\$72 million. The amount included a donation for premises for learned society activities of HK\$5.8 million, which is HK\$3.8 million less than last year. On the other hand, there was no investment made during the year. Apart from the donation and investment, income for the year is HK\$6.9 million more than last year mainly due to the increase in membership subscription income and conference income during the year. Total expenditure for the year was HK\$62.3 million, which was HK\$2.8 million more than that of the previous year owing to the increase in depreciation of the new premises and the organisation of a series of conferences, including the International Conference on Electrical Engineering, the Hong Kong and Shanghai Symposium on Science and Technology, etc. The overall spending pattern remained broadly similar.

Taking into consideration the repayment of the mortgage loan for

the new premises, inflation in Hong Kong, the increase in funding needs for various new initiatives introduced in recent years for the benefit of the community, the Institution and members and the guiding principle that recurrent income should be at the same level as recurrent expenses as far as possible, the Committee recommended a 4% increase in the membership subscription fee for the financial year 2016/2017. The Committee also recommended that the early bird discount, which applied to all members whose subscription payments were made by cheque or cash before 1 April 2016, be continued.

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

**Ir Allan
S K CHAN**
Chairman

Journal Editorial Committee

In line with the Institution's endeavours to cultivate effective communication avenues for members, the Journal Editorial Committee (JEC) has been playing a crucial role in the production and publication of *Hong Kong Engineer* (the Journal), *Hong Kong Engineer Online* and the *HKIE Yearbook*.

We are constantly striving to maintain the highest standard for these publications, and to this end we have introduced a new look for the Journal starting from July 2015, to provide a better and more contemporary reading experience for members. To mark the 40th Anniversary of the Institution, we published a special anniversary issue of the Journal in

**Ir Dr Edward
W C LO**
Chairman

December 2015, which featured the development and milestones of the Institution's six founding Divisions and received encouraging feedback.

I am also pleased to report that the Institution has been awarded the Caring Organisation Logo for the 12th consecutive year in recognition of our continued commitment towards giving back to the community. We will continue to extend our support to charitable organisations by providing a complimentary promotional insertion service. Members may recall our support for Sowers Action, Tung Wah Group of Hospitals, St Christopher's Home and The Hong Kong Society for the Aged in this Session.

The Journal also serves as the information cornerstone of the engineering industry. Apart from the many reports from the Divisions/

Committees/Clubs on a wide range of activities, we also ran cover stories on engineering projects such as the Harbour Area Treatment Scheme Stage 2A, South Island Line (East) and the Hong Kong Science Park Phase 3, to name only a few.

The Committee will continue to uphold the professional standards of our publications.



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 (TOR) of the Standing Committees.

In Session 2015/2016, no special issue was put forward to the Committee for consideration.



**Ir Peter
K K LEE**
Chairman

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 for staff and maintains an equitable remuneration system.

In light of the Institution's growth, proposals for the staff establishment based on workload and the development of individual functional areas of the Secretariat were approved for implementation in 2015/2016. The Committee also devised strategies for retaining staff following a review of staff turnover during the year. The Committee was also commissioned to recruit a Director of Qualifications cum Registrar following the departure of the former post holder in October 2015. A review of the staffing structure in the qualifying functions was conducted during the year.

The Committee reviewed the salary levels of staff taking into account market trends and staff contribution. The recommendation subsequently put forward by the Committee was adopted. The Committee also monitored staff cost against the budget to ensure that the appropriate level of service support to Members in general would be satisfactorily provided.

During the year under review, the Committee took the initiative to conduct a review of the overtime arrangement and its recommendation was approved by the Administration Board.



**Ir HO
Kwong Wai**
Chairman

QUALIFICATION & MEMBERSHIP BOARD

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

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



**Ir Thomas
K C CHAN**
Chairman

Reciprocal Recognition Agreements are important tools not only for upholding the Institution's international standing but also for enhancing the mobility of our members. Against this backdrop, we signed 27 Reciprocal Recognition Agreements with engineering institutions/authorities around the world. We are pleased to report that during the Session, the renewal of our Reciprocal Recognition Agreements with the Institution of Civil Engineers and the Institution of Engineering and Technology at Members' and Associate Members' levels were approved and signed in January 2016 and April 2016 respectively. In addition, the renewal of the Reciprocal Recognition Agreement with the Institution of Gas Engineers and Managers was also approved by both Institutions.

On the development of the Institution's Associate Membership, the Board considered and approved a matching scheme to embrace technical personnel qualified under

the Air Traffic Safety Electronics Personnel Certification Scheme for Associate Membership in Electronics and Information Disciplines. In addition, a Task Force of Top-up Requirements for Associate Membership was set up to look into measures to assist applicants whose academic qualifications require topping up with an individual project for Associate Membership.

The development and growth of the Institution are underpinned by the quality of its membership. The Board has continued to uphold the quality of the membership through its admission system. During the Session, the Board reviewed various Disciplines' admission requirements. Two training sessions on upholding quality were conducted for assessors. Also, 19 cases were taken through the appeal process.

MEMBERSHIP APPLICATION STATISTICS

GRADE	APPLICATIONS	
	Considered	Accepted
	2015/2016	2015/2016
Fellow	47	33
Member	1,145	627
Graduate Member	1,176	1,164
Associate Member	5	4
Companion	1	1
Student Member	2,514	2,500
Affiliate	6	6
Additional Discipline	276	185
Total	5,170	4,520

MEMBERSHIP STATISTICS

Membership	31-Mar-13	31-Mar-14	31-Mar-15	31-Mar-16
Honorary Fellow	18	18	19	18
Fellow	1,056	1,099	1,140	1,140
Member	12,996	13,388	13,727	14,156
Graduate Member	6,424	7,021	7,572	7,824
Associate Member	1,232	1,196	1,137	1,071
Companion	15	15	15	16
Student Member	7,612	8,109	8,158	8,368
Affiliate	414	401	391	376
Total	29,767	31,247	32,159	32,969

Note: Up to 31 March of the year.

Education & Examinations Committee

In the five meetings held during this Session, the Education and Examinations Committee considered a total of 125 applications for individual assessment of academic qualifications for the class of Member. Of these, 91 cases were accepted as meeting the academic requirements for Members, while 34 cases were rejected. The meeting considered one application for the class of Associate Member, which was accepted.

In the year under review, the Structural Discipline received 39 applications, which is the highest among the Disciplines, followed by the Civil Discipline, which received 26 applications; and the Environmental Discipline, which received 16 applications for academic assessment.



**Ir Prof WONG
Sze Chun**
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 46 candidates.

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 reviewed the paper review procedure for mature candidates and come up with a

revised procedure for accepting resubmitted papers. The aim is to better demarcate the number of resubmitted papers. To continue an initiative to uphold the quality of papers submitted by mature candidates during the last session, briefing sessions were held to update mature route assessors with the requirements.

The Committee has also reviewed the use of assessment reports by previous assessors in the professional assessment of repeat candidates. It has concluded that the most recent report would be provided to assessors for reference.

In line with the requirements of the Personal Data (Privacy) Ordinance, a clause has been added to the "Guidance Notes for Assessors" to remind them that assessment reports may be retrieved by applicants upon request.

Two assessor forums on professional assessment were held in November 2015 to update assessors on the professional assessment process and practice. Assessors also shared their invaluable views and experience during the forums.



**Ir Gary
C W KO**
Chairman

Quality Control Committee

Six meetings were held during the Session and a total of 580 assessment results were reviewed. The pass rate is 56% this year, compared with 57% last year.

During the Session, the committee reviewed 20 appeal cases and one further appeal case.

The Committee strove to achieve its mission of maintaining a consistent standard in the quality of professional assessments across the 21 Disciplines of the Institution and to uphold the quality of members admitted via reciprocal recognition agreements with other institutions.



**Ir CHAN
Yun Cheung**
Chairman

Training Committee

The Training Committee deals with various training matters; in particular, the vetting and monitoring of Scheme "A" Training and Formal Training Scheme to Associate Membership (AM Formal Training). During Session 2015/2016, 38 assessment and re-assessment visits were conducted. A total of 226 companies or organisations were approved for the HKIE Scheme "A" Training or AM Formal Training. The number of newly-registered trainees reached 1,002, exceeding the registration figure for the last Session. This favourable outcome was made possible by the staunch support of our training partners – the Vocational Training Council, companies or organisations approved to offer Scheme "A" Training or AM Formal Training and graduate trainees.

Five Engineering Supervisor Workshops were successfully held during Session 2015/2016. They were attended by 165 members who became qualified to be Engineering Supervisors for Scheme "A" Training or AM Formal Training.

The HKSAR Marine Department became our first Scheme "A" organisation to conduct Scheme "A" Training in the Marine & Naval Architecture (MNA) Discipline. The training greatly helps engineering graduates build up professional competence in MNA Discipline.

The Trainee of the Year Award 2015 was presented at the New Members' Reception cum Prize Presentation Ceremony held on 15 January 2016 at the Hong Kong Club. In this Session the First Prize Winner was Miss W M Kong (SMEC Asia Limited); the Second Prize Winner was Mr R J Hon (Chun Wo Construction & Engineering Co. Ltd.) and the Third Prize Winner was Mr Anson Wong (CLP Power Hong Kong Limited). Ir C C Chan, President of the Institution, presented the prizes to the three awardees and their company representatives.

**Ir Prof Leslie
George THAM**
Chairman



**Ir Dr Philco
N K WONG**
Chairman



LEARNED SOCIETY BOARD

Being committed to ongoing improvement, the Learned Society Board celebrated a Session of achievement with various initiatives coming to fruition.

After consulting all Divisions and Committees during the last Session, it was generally agreed to move forward with the proposal to introduce the use of electronic notices for Divisions' general meetings. Following the Council's approval of amendments to the relevant clauses of the Division Rules, the new practice has been adopted by all Divisions and Committees as planned. The Annual General Meetings of all Divisions and Committees were held successfully during this Session.

Emphasis has always been placed on nurturing young talents for the sustainability of the profession and the Institution. To encourage young members' participation in the Division Committees, the Council approved the Board's decision to include at least one Ordinary Member in each Division Committee who is of 35 years of age or below

starting this Session. Through collaboration, communication and engagement with all Divisions and Committees, the new initiative was successfully implemented at the respective Annual General Meetings of the Session. The Council also approved the setting up of a new HKIE Student Chapter at the Hong Kong Baptist University, which is expected to commence operation in Session 2016/2017.

We continue our efforts to forge ties with overseas and Mainland engineering institutions. During this Session, the Institution signed an Agreement of Co-operation with the Royal Netherlands Society of Engineers (KIVI) and renewed the Agreement of Co-operation with the American Society of Civil Engineers. To gain first-hand knowledge of the Mainland's "Belt and Road" initiative, as Chairman of the Board, I led a delegation of 27 members, including Chairmen and/or Office Bearers of all Divisions/AMC/SSC/YMC as well as Committees under the Board, to visit Fujian and Jiangxi from 21 to 25 January 2016. The delegation was joined by Mr Ye Shuiqiu of the Liaison Office of the Central People's Government in the Hong Kong Special Administrative

Region and Ir Dr the Hon W K Lo as advisors. During the visit, a Memorandum of Understanding between the Institution and the Fujian Association for Science and Technology was signed.

Logistics and transportation being one of the pillar industries in Hong Kong, the Logistics & Transportation Division has devoted much effort in organising learned society activities including seminars, visits and symposia to help foster a professional network among members. In view of the steady development and sustainable membership growth of the Division since its inauguration in Session 2014/2015, the Council approved, on the Board's recommendation, the Division's request for a seat in the Council for introduction in Session 2016/2017, before the end of its three-year probationary period.

I would like to thank all Divisions and Committees for their continued support, enthusiasm and dedication in organising more than 700 activities during the Session, which comprised a right mix of skills and up-to-date knowledge, to ensure that members continue to be competent in their profession.

Community Service Committee

With a view to enhancing the Institution's community involvement as well as the status and visibility of the engineering profession, the Committee has been taking a proactive approach towards members' participation in public affairs.

The continuing support of our members for the HKIE Professional Volunteers Service Accreditation Programme is noteworthy. During this Session, 35 members were awarded under the Programme, which was set up to recognise our members' contribution of their expertise and efforts in serving the community.

As a member organisation of the Hong Kong Council of Volunteering, the Institution was invited to contribute articles to a free column on volunteering and business in the local printed media, to enhance the general public's understanding of the profession and our volunteering service.

The Committee also continues to provide comments and professional views on consultation papers covering engineering-related matters and issues of public concern as well as nominate members to external boards and committees upon request. During the Session, eight invitations for opinions were received from various government departments, higher educational institutions as well as professional organisations.

In response to invitations from government departments and external organisations, a total of 119 members were nominated through the HKIE to serve on various boards and committees. Lists of the HKIE's submissions and nominations are included in the later part of this Report.

With the dedicated support and earnest efforts of our members, the Committee is pleased to play an important role in enhancing the HKIE's public image.



**Ir Louis
K S SZETO**
Chairman

Conference Committee

It has been a busy year for the Conference Committee and a productive year for the Institution. A series of local, regional and international conferences at institutional level was organised during the Session with the strong support of Divisions and the Secretariat.

The International Conference on Electrical Engineering 2015, which was hosted by the Institution and jointly organised with the Chinese Society for Electrical Engineering, the Institute of Electrical Engineers of Japan and the Korean Institute of Electrical Engineers, was successfully held on 5-9 July 2015 at The University of Hong Kong Centennial Campus. More than 500 delegates from eight regions attended the Conference and 285 papers were presented. According to the result of the post-conference survey, 91% of the survey respondents reported a high degree of satisfaction with the Conference.

The Hong Kong and Shanghai Symposium on Science and Technology, which was co-organised by the Shanghai Association for Science and Technology and the

Institution, was held on 9-10 October 2015 at the Harbourview Hong Kong. Nearly 130 participants from Hong Kong and Shanghai attended the Symposium. The theme of the Symposium is 「提高能源使用效率 促進城市可持續發展」. A total of 20 presentations were delivered during the Symposium. Responses to the post-symposium survey reflected generally positive experience by delegates. Ninety-four per cent of the survey respondents thought the Symposium was a satisfactory or very satisfactory experience.

The HKIE – BIM Symposium was held on 18 January 2016 at Wang Gungwu Theatre of The University of Hong Kong. The theme of the Symposium is “Engineers and BIM – The Way Ahead”. The Symposium was well-attended by more than 270 participants. Four presentations were delivered and a panel discussion was held during the Symposium.

The 3rd Cross-Strait Forum on Smart Rail Development (兩岸四地智能軌道交通/捷運發展論壇 – 創建迎未來), which was co-organised by China Communications and Transportation Association (中國交通運輸協會), Rail Engineering Society of Taiwan (台灣軌道工程學會), The Macau Institution of Engineers (澳門工程師學會) and the Institution, was held on 9-10 March 2016 at the Hong Kong Convention and Exhibition Centre, followed by technical visits on 11 March 2016. A total of 46 presentations were made during the Forum with a total of more than 250 guests and delegates from Hong Kong, the Mainland, Taiwan and Macau.

The Hong Kong Institution of Engineers Conference 2016 – Moving Forward to 2025 Hong Kong Industrial Development, Technology and Innovation was held on 20 May 2016 at the Hong Kong Convention and Exhibition Centre and followed by a technical visit to Mainland China on 21 May 2016. Thirteen presentations were delivered and a panel discussion session was held during the Conference. The Conference was well-attended by some 250 delegates.

Two Distinguished Lectures were held on 11 and 18 June 2016 respectively at Rayson Huang Theatre, The University of Hong Kong and the Chiang Chen Studio Theatre, The Hong Kong Polytechnic University. The theme of the Lectures is “One Belt One Road – Engineering Opportunities and Challenges from Hong Kong Perspective” (一帶一路 – 香港工程界的機遇與挑戰). We were honoured to have two prominent speakers, Ir Prof C F Lee, Member of Chinese Academy of Engineering and Chancellor of the Chu Hai College of Higher Education and Ir Dr Sir Gordon Wu, Chairman of the Board of Hopewell Holdings Limited and Hopewell Highway Infrastructure Limited, shared with us their valuable insight into the topic with a historic review and exploration of future prospects in relation to the “Belt and Road” initiative. Each lecture was well-attended by some 200 participants from the engineering community.



**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.



With support from 11 CPD course providers, the Committee planned around 490 courses covering occupational safety and health, technical matters and general professional subjects during Session 2015/2016. These activities attracted around 2,600 participants. The Committee and Young Members Committee (YMC) also co-organised free CPD courses and activities for YMC members, with fruitful results.

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 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 2014 has been completed and a recent round on members' attainment in 2015

has started. For 2014, the CPDCSP reviewed a total of 136 cases and 123 of them were in compliance with the requirements.

Because of the great effort of the Task Force on Competence-based Approach to CPD Activities, the proposed Competence-based Approach to CPD Activities was approved by the Council on 12 May 2016. Under the Approach, Corporate Members are required to undertake at least five hours of CPD each covering two areas of CPD activities, namely "Technical Matters" and "Broader Areas of Studies"; out of the 30 CPD hours per year. Commencing 1 January 2019, the Competence-based Approach to CPD Activities will be fully implemented. There will be a transitional period of two years from 1 January 2017 to 31 December 2018.

**Ir Dr KOON
Chi Ming**
Chairman

HKIE Transactions Committee

With the concerted efforts of the expert editorial panel, *HKIE Transactions* has been devoted to publishing high-quality papers which are of use and interest to engineering professionals and specialists. The HKIE Transactions Committee has also worked smoothly with the international publisher, Taylor & Francis Group, throughout this Session with an aim of expanding its outreach to attract more international authors as well as raising the publication's international profile.

The Committee is delighted to announce that three special issues have been arranged to attract high quality papers from around the world and enhance the status of *HKIE Transactions*. Supported by the renowned guest editors, Ir Prof Norman C Tien, Dean of the Faculty of Engineering, The University of Hong Kong, and Prof Xue Quan, Chair Professor of Microwave Engineering,

**Ir Prof Keith
K C CHAN**
Chairman

Department of Electronic Engineering, City University of Hong Kong, the special issues on "Robotics" and "Microwave/Millimetre-Wave/THz Filters and Their Applications in Active/Passive Components" were published in June 2015 and March 2016 respectively. The Committee is also honoured to have another prestigious scholar, Ir Prof Christopher Chao, Chair Professor of the Department of Mechanical and Aerospace Engineering, The Hong Kong University of Science and Technology, to be the guest editor of the third special issue on "Energy Engineering with the Applications in Smart Green Buildings". This special issue is scheduled to be published in June 2017.

Three exceptional papers published in *HKIE Transactions* were awarded the HKIE Best Transactions Paper Prize 2015 while three other distinguished papers attained the HKIE Outstanding Paper Award for Young Engineers/ Researchers 2015. Awardees of the Outstanding Paper Award were invited to share and exhibit their award-winning papers and accomplishments with some 40 members, practitioners

and engineering students at a technical seminar held in September 2015. These award-winning papers together with the four shortlisted papers were published in a special issue of *HKIE Transactions* in December 2015. The 2016 Award was open for submission in November 2015.

All in all, *HKIE Transactions* has provided an excellent platform for information and knowledge exchange within the local and overseas engineering communities. The Committee will continue to uplift the international status of *HKIE Transactions* in the coming Session by publishing high-quality papers.



Public Relations Committee

The Public Relations Committee (PRC) strives to uplift the image of the HKIE and enhance the visibility of the engineering profession among fellow members, the media, the younger generation and the general public.

This Session marked the 40th Anniversary of the Institution's establishment. To celebrate this occasion, a series of publicity programmes was organised, which included the launch of the 40th Anniversary Logo, the publication of the 40th Anniversary Album, the 40th Anniversary Sports and Family Fun Day, as well as the HKIE Drawing Competition. Members of the committee provided professional advice on the design, organisation, co-ordination and publicity of these programmes.



The HKIE School Ambassadors Programme continued to play an essential role in cultivating wider interest in the engineering profession among the younger generation and the public. The Committee was pleased to report that 140 School Ambassadors were recruited to deliver 69 school talks to more than 8,200 students in secondary schools and tertiary institutions during this Session.

The HKIE also participated in the Education and Careers Expo at the Hong Kong Convention and Exhibition Centre, the Career Expo at Science Park 2016 and the Classified Post Career Forum on 28-31 January, 5 March and 7 April 2016 respectively. The Committee also arranged School Ambassadors to answer enquiries from university students, fresh graduates and young job seekers during the events. They received an overwhelming response from more than 1,600 participants attending these events. By participating in these activities, the Committee hopes to nourish a new generation of talent for the engineering industry for the betterment of Hong Kong.

To foster a closer relationship with the District Councils as well as the local community, the PRC accepted an invitation from the People Service Centre to deliver professional advice at the Seminar on Building Management on 5 December 2015, to promote the importance of building maintenance and management. Also, two courtesy visits for the Sai Kung and Islands District Councils were arranged on 21 March and 6 April 2016 respectively to exchange views and offer advice on various district engineering projects.

The Committee supports the Classified Post website (<http://www.cpjobs.com/hk>) and regularly contributes articles on topics such as market trends and offers advice on career building, to enhance the exposure of the HKIE and the engineering profession.

**Ir Prof Adam
S C CHOY**
Chairman

PLANNING COMMITTEE

The Planning Committee continues to uphold the mission of the Institution, formulate long-term strategies and review the Institution's development plans regularly.



Echoing the theme of Session 2015/2016, "Celebrating 40 years of Success, Your Dreams Our Goals", which was to promote the engineering profession and enhance the solidarity of the engineering community, a series of new initiatives and activities were launched to celebrate the Institution's 40th Anniversary, including the HKIE 40th Anniversary Cocktail Reception and newspaper supplement, the HKIE Hall of Fame 2015, the HKIE 40th Anniversary Sports and Family Fun Day, the HKIE 40th Anniversary Logo and Album, the Drawing Competition "「童心看工程」繪畫比賽" for primary 4 to 6 students, the "Hong Kong Engineering Through My Lens" Mini-Movie Competition for secondary school students, and the celebratory grant for Divisions and Committees to organise events to tie in with the Institution's 40th

Anniversary. All the activities were well-received and supported by our members, their families and the public.

Moving on to the next planning cycle, the Committee has reviewed and accepted the Three-Year Rolling Plan for Sessions 2016/2017 to 2018/2019 as prepared by the three Vice Presidents of the Session.

The Committee will continue working in accordance with the set timeframe and flow chart in support of the Institution's sustainable development.

**Ir Victor
C K CHEUNG**
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 109 engineering degree programmes (including three in Macau) are accredited by the HKIE. During the past year, the Board carried out three accreditation visits to local institutions to evaluate 25 engineering degree programmes and one accreditation visit to the University of Macau to evaluate three engineering degree programmes. They were all successfully carried out with encouraging feedback from the visiting teams and the universities.

In addition, the Accreditation Board invited Prof Ira Jacobson, a past overseas member of the Board, to conduct a one-day workshop in November 2015 on "Outcomes-based Accreditation for Evaluators", to familiarise evaluation team members with the revised HKIE accreditation criteria. The new outcomes-based criteria for accrediting engineering degree programmes have been implemented on a mandatory basis since September 2012.

As an accrediting body for engineering degree programmes in Hong Kong, the Institution continues to conduct outcomes-based accreditation for engineering degree programmes. The first cycle of outcomes-based accreditation visits for engineering degree programmes in Hong Kong has been completed during Session 2015/2016.

The Board is committed to achieving the highest standard for its accreditation service. To this end, it has 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, now in its 15th year of operation, has laid a solid foundation for the operation and development of a robust accreditation system for computer science degree programmes in Hong Kong.



The Seoul Accord is an international mutual recognition agreement that covers the accreditation of computing as well as information and communication technology degree programmes. As a full signatory to the Seoul Accord since 2009, all computer science degree programmes accredited by the HKIE are fully recognised by other signatories to the Accord, including Australia, Canada, Chinese Taipei, Korea, Japan, the United Kingdom and the United States. At present, a total of 19 computer science degree programmes are accredited by the HKIE.

In view of 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 were made in line with the implementation of the "3-3-4" education system in Hong Kong, the development of outcomes-based accreditation and the requirements of the Seoul Accord.

Both the revised accreditation criteria and the existing accreditation criteria are currently effective until academic year 2016/17. During this period, universities/higher education institutions are 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 will only be accredited according to the revised criteria.

During Session 2015/2016, the Committee conducted four accreditation exercises to evaluate eight computer science programmes for provisional accreditation and one computer science programme for full accreditation.

**Ir Prof David
W L CHEUNG**
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 the 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 31 higher diploma and equivalent programmes are accredited by the HKIE.

**Ir TO
Wang Kam**
Chairman

The new outcomes-based criteria for accrediting higher diploma and equivalent programmes are effective and are applied in parallel with the existing accreditation criteria until the 2014/15 academic year. Higher education institutions are allowed to choose one of the two sets of accreditation criteria for the accreditation of their programmes during this period. Starting from the 2015/16 academic year, all higher diploma and equivalent programmes will only be accredited under the new outcomes-based criteria.

A new round of accreditation of engineering higher diploma and equivalent programmes under the new "3-3-4" education system has commenced. During the period under review, this Committee

conducted an accreditation exercise to evaluate four full-time new higher diploma and equivalent programmes for full accreditation.

