

秘書長報告

2006/2007

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基於過往穩固的基礎，二零零六／二零零七年度為香港工程師學會豐盛的一年。本年度，我們根據二零零六／二零零七至二零零八／二零零九年度「三年計劃」中所擬定的方針推出了多項嶄新的計劃，使學會各方面的服務更臻完善。此外，我們設立的學生會員會費豁免計劃在招募新會員的工作進展方面亦令人鼓舞。學會矢志為會員提供優質服務，本人欣然向各位闡述二零零六／二零零七年度學會的各項活動及成果。

廣納英才 擴大會員規模

學會本年度的會員人數銳升，除了整體會員人數有穩定增長外，我們亦成功地在本地各專上學院招募了逾二千名學生會員。截至二零零七年六月為止，學會共有超過二萬一千名會員。

學會會員人數大幅增加正是學生會員會費豁免計劃帶來的成果。這項計劃旨在吸納正修讀經學會評審及認可之工程學士學位、副學士學位和高級文憑課程的學生加入本會。由於計劃自推行以來反應非常理想，學會正籌備在未來數年陸續於各間提供經學會評審及認可課程的大專院校設立學生分

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部，繼續拓展這項計劃。值得一提的是此計劃不但廣受本港工程學系學生歡迎，更得到不少海外學生的支持。有見及此，學會的加拿大分部已成立學生支部為學生會員提供服務。

與此同時，我們亦舉辦了其他活動，例如在學校大使計劃中，有五十多位會員義務擔任香港工程師學會大使，到本港不同中學推廣工程專業。學會亦繼續參與教育及職業博覽，務求吸引更多年輕人投身工程專業。

本年度，學會共評審了三十多個工程學學士、副學士及電腦科學學士課程。迄今已共有九十六個工程學學士課程、六十個高級文憑及副學士課程和八個電腦科學學士課程獲得學會評審及認可，創下學會歷來最高紀錄。經學會認可的課程皆質素優良且具有專業保證，課程學生亦多選擇加入學會，以了解工程界的動態以及他們未來的專業發展。

茁壯增值 扶弼工程專業

學會致力提升以及推動工程專業的發展及其價值。工程專業與時代和科技並進，紮根於現今知識型社會。因此，學會積極向會員推廣和舉辦各類持續專業進修課程，藉此促進知識交流。於本年度，我們分別與十六間認可持續專業進修課程主辦機構合辦逾二百二十個課程。

自仲會員培訓計劃分別在屋宇裝備、土木和製造及工業這三個工程界別

作試點推出以來，學會共得到十多間參與工程畢業生培訓計劃的企業積極回應。

在工程畢業生培訓計劃方面，本年度共有一百七十一間機構獲批核加入計劃。

學會一直不遺餘力與其他工程專業團體協商資格互認事宜。於本年度，學會的資格互認專責小組與國家建設部全國註冊工程師管理委員會的洽商進展理想；此外，學會與國家建設部及中國建設監理協會就監理工程師之互認事宜的商談亦取得一定成果。

年內，學會亦多次舉辦大型會議促進資訊交流，並為會員提供最新的科技發展消息。於本年度舉辦的會議包括滬港科技合作研討會、橋樑工程國際會議及二零零七全球氣候變化會議。此等大型會議為會員提供理想平台，讓他們了解最新的工程專業發展以及拓展本地與國際人脈網絡。

公開表彰 褒揚傑出成就

學會藉推舉名譽資深會員以表揚傑出工程師的卓越成就。本年度，詹伯樂工程師獲理事會選為名譽資深會員，並於周年晚宴上領受榮銜，以表揚他對工程專業的寶貴貢獻。

年青工程師是學會的未來棟樑，為鼓勵以及表揚年青工程師對工程專業作出的貢獻，學會設立了傑出青年工程師獎及香港工程師學會青年工程師一



研究員傑出論文獎，以作嘉許。本年度傑出青年工程師獎的得主是區嘉曼工程師。

關心社會 體察會員需要

作為本港的專業團體，香港工程師學會肩負社會責任。在二零零七年三月香港特別行政區行政長官選舉期間，學會舉辦了論壇，讓會員、註冊專業工程師及選舉委員會工程界別成員交流意見，表達他們對行政長官的要求和期望。與此同時，本會會員亦繼續提供他們的專業知識，就政府諮詢文件發表意見，並應邀出席立法會各事務委員會的會議。學會亦提名會員加入外界諮詢委員會，本年度我們共收到三十八個提名邀請，當中超過一百四十二名被提名的會員已獲委任。

為提升工程師的社會地位，學會不斷加強與傳媒溝通，並多次舉辦傳媒簡報會及新聞發佈會，就社會時事如強制驗樓計劃及保留皇后碼頭等發表意見。此外，學會亦與各區議會建立更緊密的聯繫，並得到區議會的正面回應。

溝通與傳訊是學會「三年計劃」中的重要一環，因此我們於本年度推行了多個相關項目。學會多次舉辦論壇，讓會員就重要時事交流意見，討論的議題包括施政報告、稅制改革和財政司司長的預算案等。另學會亦應邀參加多個由政府部門或不同機構舉辦的公眾論壇。

推陳出新 創建美好明天

工程專業的未來發展繫於技術創新。因此，工程師必須緊貼行內最新趨勢和技術，不斷納新求進。學會的創新科技專責小組亦於本年度舉辦了一連串新聞發佈會，探討範圍極廣，涵蓋由樓宇建築結構檢驗技術以至天災預防等不同的項目。於新聞發佈會上發表的項目內容已刊載於學會月刊內，並受到傳媒廣泛報導。

學會一直支持各分部進行研究，於本年度共有三項研究獲「專業服務發展資助計劃」批核資助，另有一項獲得「中小企發展支援基金」撥款。

此外，學會亦推行了多項措施推廣創新科技，包括積極支持「全港大專生機械人大賽二零零七」及「二零零七全港青少年科技創意設計比賽」。兩項比賽的參賽者對科技研究的熱情及才華均令人讚嘆。

學會於本年度展開其中一項大型計劃，從五大方面研究目前的基建發展。此研究計劃由會長領導，下設一個事務委員會和五個小組委員會，委員會成員由不同工程界別的資深會員組成，為研究貢獻專業知識。研究結果及建議將於稍後提交政府和各相關機構參考。

穩執牛耳 延續領導地位

我們很高興向會員宣佈，陳兆根博士、工程師於本年六月在美國華盛頓市舉行的二零零七年國際工程會議中，獲推選為悉尼協議主席，任期暫為兩年。本地方面，學會代表之一朱沛坤工程師成功獲提名為環保建築專業議會主席，學會亦因而於二零零七年一月開始擔任議會的秘書處，為期兩年。

結語

最後，本人謹代表秘書處向會長、執行委員會、理事會、各政策委員會、事務委員會、分部及界別致謝，感謝各位的鼎力支持和專業意見。此外，本人亦多謝秘書處所有職員努力不懈，竭誠為會員提供卓越服務。

阮高聲

秘書長
阮高聲



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1 香港工程師學會第三十一屆會員周年大會。

2 周五歡樂時光聚會讓會員聚首一堂，促進彼此交流。

Secretary's Report

2006/2007

Building on solid foundations, Session 2006/2007 was another fruitful year for the Institution. We witnessed the introduction of new initiatives and implementation of plans for the various facets of the Institution that are developed from the strategies crafted in the Three-year Rolling Plan for Sessions 2006/2007 to 2008/2009. Encouraging progress has been made in the recruitment of young members through the Free Student Membership Scheme. Offering quality services to members has always been central to the Institution and I am pleased to present to you the major activities and achievements in Session 2006/2007.

Building a Strong Membership

The Institution experienced a surge in membership during the Session. In addition to the steady growth in members, we have also successfully recruited more than 2,000 student members from tertiary education institutions. At the end of June 2007, membership numbers have increased to over 21,000.

The reason for the increase was attributed to the introduction of the Free Student Membership Scheme, which was designed to attract students studying engineering degrees, associate degrees and higher diplomas accredited by the Institution. The Scheme proved to be successful and Student

“ Building on solid foundations, Session 2006/2007 was another fruitful year for the Institution. ”

Chapters will be set up in tertiary institutions offering these programmes in the coming years. It is noteworthy to report that the Scheme has received overwhelming support not only from within the local context, but our overseas chapters have also shown their enthusiasm in promoting the Scheme. As a result, a student section has been formed under the Canadian Chapter.

In tandem with these efforts, other activities like the School Ambassadors Programme in which over 50 volunteered members act as HKIE Ambassadors to promote engineering to secondary school students and our continued participation in the Education & Careers Expo also align with our target in attracting the young to join the profession.

During the year under review, over 30 programmes of engineering degree, sub-degree and computer science degree were evaluated. Hitherto, a total of 96 engineering degree programmes, 60 higher diploma and associate degree programmes and eight computer science degree programmes have been accredited by the Institution, which is a record for the HKIE. Aside from the quality assurance and recognition attached to these accredited programmes, students enrolling in these programmes also demonstrate an interest in joining the HKIE to learn more about the profession and their future career development.

Adding Value to the Profession

The Institution strives to enhance and add value to our members. Engineering is a profession that progresses with time and technology. In a knowledge-based society, the Institution facilitates the exchange of knowledge by promoting, promulgating and administering Continuing Professional Development (CPD) courses for our members. Over 220 CPD courses were jointly planned with 16 endorsed CPD course providers during the Session.

Since the establishment of the Formal Training Scheme for Associate Membership in

the three pilot disciplines, namely, Building Services, Civil, and Manufacturing & Industrial Disciplines, more than 10 Scheme 'A' companies have responded positively to this Scheme.

In regard to Scheme 'A' Training, a total of 171 organisations were approved in the period under review.

The Institution spares no effort in pursuing mutual recognition agreements with other engineering associations. We are pleased to report that negotiations of the Task Force for Mutual Recognition Agreement between the HKIE and NABER have been progressing well. Discussions with the Ministry of Construction and the China Association of Engineering Consultants in Supervising Engineers have also been promising.

The Institution organised large-scale conferences to facilitate cross-fertilisation of information and to keep our members abreast of latest technological development. Conferences held during the Session included the Shanghai and Hong Kong Symposium on Science and Technology, International Conference on Bridge Engineering and International Conference on Climate Change 2007. These have provided a good platform for our members to learn about latest professional practices and develop their networks both locally and internationally.

Recognising Distinguished Achievements

The election of Honorary Fellow is to recognise the admirable achievements of our engineers. This year, we are pleased to announce the election of Ir James Blake by the Council at the Annual Dinner for his distinguished contributions to the profession.

The young engineers are the future pillars of the Institution. Therefore, we encourage and recognise the contributions of our young engineers and have established the Young Engineer of the Year Award and the HKIE Outstanding Paper Award as an appreciation of their achievements. The recipient



of the Young Engineer of the Year Award 2007 is Ir Carmen Au.

Staying in Touch with Society and Members

Being a professional organisation in Hong Kong, the Institution is unequivocal in shouldering its social responsibilities. During the election of the HKSAR Chief Executive in March 2007, we organised a forum for all HKIE members, Registered Professional Engineers and the Election Committee Engineering Subsector members to exchange views on the requirement and expectation of the Chief Executive. Meanwhile, members have continued to contribute their expertise and professional knowledge to society by way of expressing their views on consultation papers and attending the Legislative Council Panels on invitation. During the Session, the HKIE received 38 invitations to nominate members to external advisory boards and committees and over 142 appointments were made.

With the aspiration of enhancing our status in the community, we have augmented our communications with the media and organised a number of media briefings and press conferences on topics such as Mandatory Building Inspection and the preservation of the Queen's Pier. We have also strengthened our ties with District Councils and consequently have received positive feedback.

Communication is one of the key focuses in the Institution's Three-year Rolling Plan and a number of initiatives have been rolled out in this aspect. Forums have been organised to provide platforms for members to exchange views and opinions on important issues covering Policy Address, Reforms to the Current Tax System in Hong Kong and the Financial Secretary's Budget Speech. In addition, the Institution was also invited to participate in public forums organised by various Government departments and organisations.

Innovating for a Brighter Future

Technological advancement is vital to the development of the engineering profession. Hence keeping a finger on the pulse of the latest engineering trends and techniques is an on-going task for all engineers. Our Task Force on Technology and Innovation organised a series of press conferences with topics ranging from building and structure inspection technology to natural disaster prevention. Projects presented

in the conferences were published in the Journal and covered by the media.

The Institution supports study projects developed by Divisions and we are pleased to report that three projects were approved by the Professional Service Development Assistance Scheme and one by the SME Development Fund in the period under review.

The Institution has taken initiatives in encouraging innovation by actively supporting Robocon Hong Kong Contest 2007 and Hong Kong Youth Technology Design Competition 2007. The enthusiasm and originality shown by the competitors were impressive.

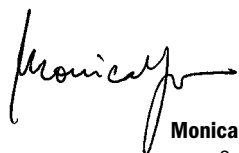
One of the major projects for the year was the study on the current infrastructure developments in five broad areas. Led by the President, a panel together with five sub-panels consisting of senior members of the Institution with different expertise has contributed immensely to the study. The findings and its recommendations will soon be presented to the Government and the various stakeholders.

Maintaining our Commitment to Leadership

We are pleased to report that this June Ir Dr Alex S K Chan was elected for an initial term of two years as the Chair of the Sydney Accord at the International Engineering Meetings 2007 in Washington D.C., USA. Locally, Ir Reuben Chu, who is one of the representatives from the HKIE, was successfully nominated as the Chairman of the Professional Green Buildings Council and the Institution has thus taken up the role of Secretariat of the Council for a term of two years commencing January 2007.

Concluding Note

In closing, the Secretariat and I would like to express our thanks to the President, the Executive, Council Members, Boards and Committees, Divisions and Disciplines for their staunch support and wise counsel. Also, I would like to thank every staff member in the Secretariat for their hard work and unstinting efforts in providing quality services.


Monica YUEN
 Secretary



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1 The Secretary and the management of the Secretariat working for the betterment of the Institution.

2 The Hong Kong Institution of Engineers Prize Presentation Ceremony.