

# REPORTS FROM BOARDS AND COMMITTEES FOR SESSION 2023/2024



**Ir Aaron BOK Kwok Ming**  
Chairman

## PLANNING COMMITTEE

The Planning Committee plays a crucial role in reviewing and overseeing the developmental plans of the Institution. Over the past year, we have diligently scrutinised the progress of the groundbreaking “Time to Change” Roadmap, formally promulgated in June 2022. Our unwavering commitment to proactively future-proofing the Institution, meeting public expectations and thriving in an ever-evolving landscape remains resolute.

The Roadmap outlines a comprehensive array of 45 initiatives across eight Focus Areas. As we entered the third year of this ambitious five-year plan during Session 2023/2024, we found ourselves at a pivotal juncture for assessing our progress and understanding the additional measures required to successfully achieve our objectives by the Roadmap’s end.

Substantial progress has been made in advancing these initiatives. Yet, we have also identified specific areas requiring intensified efforts. We recognise the importance of streamlining the Professional Assessment (PA) mechanism through digitalisation, along with other measures, to meet our members’

expectations for a truly enhanced experience. It is therefore imperative that we expedite the overhaul of our websites and membership online application system under the domain of “Pursuing Digitalisation” and set up a task force to review the PA mechanism.

While we celebrate notable accomplishments, it is equally important to shed light on imminent developments. Accordingly, we have embarked on a comprehensive governance review, initiating benchmarking exercises as a vital starting point.

As we look towards the future, we have determined to initiate the formulation of the next phase of the development roadmap, which will commence in late 2024. We will integrate the insights gained from various engagement exercises to create a comprehensive new five-year roadmap, one that encapsulates the aspiration and needs of our members and society as a whole.

Together, hand in hand with every member of the HKIE, we shall continue to shape the future of our Institution and the engineering profession at large.



**Ir Prof Philco WONG**  
Chairman

## ACCREDITATION BOARD

As a signatory to the Washington Accord, the HKIE is internationally recognised for accrediting engineering degree programmes in Hong Kong. Currently, the HKIE has accredited 111 engineering degree programmes (including four in Macau).

During Session 2023/2024, we evaluated 24 engineering degree programmes offered by local higher education institutions (HEIs). The committed Visiting Team members and the Secretariat are highly appreciated for conducting physical on-site visits involving reviews of complex documents from the HEIs. The assistance and commitment to excellence of the HEIs are equally important for the successful completion of the accreditation exercises.

Considering the International Engineering Alliance (IEA) Graduate Attributes (version 4) that have incorporated the United Nations Sustainable Development Goals, the Board has formed a Task Force on Review of HKIE

Graduate Attributes to follow up. We are pleased to report that the Task Force had proposed changes to the HKIE Graduate Attributes and implementation schedule, and those were approved by the Board and the Council in November 2023.

To demonstrate our continued commitment to providing quality accreditation service, the Board engaged Prof Daina BRIEDIS, an experienced ABET Trainer and Evaluator who served as a Board member from Session 2017/2018 to Session 2021/2022. Prof BRIEDIS was engaged to conduct a productive virtual training workshop for faculty members on Outcomes Based Accreditation – Programme Assessment in this Session. The workshop was well received by the participants. Therefore, we will continue to organise workshops for faculty members in the coming Sessions.

The Board remains committed to achieving the highest standard in programme accreditation and maintaining a close working relationship with the HEIs.



**Ir CHANG Che Son**  
Chairman

## Accreditation Committee for Computer Science Programmes

The Accreditation Committee for Computer Science Programmes evaluates and makes decisions related to the accreditation of computer science and information and communication technology (ICT) degree programmes.

During the year, we conducted an accreditation exercise to evaluate three computer science degree programmes offered by a university. Currently, a total of 17 computer science degree programmes are accredited by the HKIE.

Since 2009, the HKIE has been a signatory to the Seoul Accord – an international

agreement among agencies responsible for the accreditation or recognition of computing and IT-related qualifications at the bachelor's degree level. The computer science and ICT degree programmes accredited by the HKIE are fully recognised by the other signatories of the Seoul Accord, including Australia, Canada, Chinese Taipei, Japan, Korea, Mexico, the United Kingdom and the United States.

In accordance with the rules and regulations of the Seoul Accord, each signatory is required to undergo a periodic review every six years to ensure that its accreditation system and the outcomes of its accredited computer science and ICT degree programmes remain substantially equivalent to those of other signatories. Another Seoul Accord Periodic Review of the HKIE is scheduled for late 2024.



**Ir Steven LAI Kam Hung**  
Chairman

## Accreditation Committee for Higher Diploma Programmes

The Accreditation Committee for Higher Diploma Programmes evaluates and makes accreditation decisions for engineering and computing higher diploma and equivalent programmes in Hong Kong. During Session 2023/2024, we conducted two accreditation exercises to evaluate six higher diploma programmes from the Hong Kong Institute of Vocational Education (IVE). Currently, the HKIE has accredited 38 higher diploma and equivalent programmes.

Since 2003, the HKIE has been a signatory to the Sydney Accord – an international mutual recognition agreement on the accreditation of programmes at the level of

engineering technologist. In accordance with 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 whether their accreditation system and the outcomes of the engineering technologist programmes remain substantially equivalent to those in other Sydney Accord signatories.

A Sydney Accord Review Panel, consisting of representatives from Australia, Chinese Taipei and Malaysia, completed the periodic review for the HKIE during this Session. The Review Panel observed a HKIE accreditation visit to the IVE in February 2024 as well as the HKIE Accreditation Committee for Higher Diploma Programmes meeting in May 2024. The review result will be considered in the International Engineering Alliance Meetings 2025.



**Ir Eric MA Siu Cheung**  
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 involving more than one Committee under the Board. Regularly appraising the Institution's administrative policies is a central and fundamental role of the Board.

With the assistance of its Digitalisation Monitoring Committee, the Board continued to oversee a series of digitalisation projects. Further to the projects completed in Session 2022/2023, the Room Booking System was launched during Session 2023/2024 to enhance the booking experience for Divisions, Committees, and the Secretariat.

The following constitutes the crucial areas in which the Administration Board pursued enhancing work over Session 2023/2024:

During the year, the Administration Board in collaboration with the Working Group on Governance Review, conducted a comprehensive study. This involved a thorough review of the Institution's existing governance documents and an extensive

benchmarking exercise, with comparisons of the Institution's practices against a mix of international and local professional bodies to identify the best practices. Once this research phase is complete, inputs from members are to be sought before determining any necessary changes to its governance documents.

The Board with the Management Committee, reviewed and amended the Composition and Terms of Reference of the Qualification and Membership Board. This update included the newly established Professional Certification Committee as an ex-officio member of the Board. To streamline procedures and enhance efficiency and effectiveness, the Board agreed that related proposals could be submitted directly to the Administration Board for consideration, without the need to go through the Management Committee. Consequently, the Management Committee was dissolved.

In addition, the Board closely monitored changes related to the establishment of the Secretariat, as well as the affairs and financial accounts of the Journal and the Institution's *Yearbook*. The Board remains committed to monitoring and reviewing the Institution's facilities and management issues.



**Ir CHOW Lap Man**  
**Chairman**

## Finance & Investment Committee

The Finance & Investment Committee is responsible for managing the Institution's assets and investments in a healthy and secure manner, adhering to the established policies while seeking reasonable returns. The Committee also oversees the planning and monitoring of the Institution's income, expenditure and cashflow to ensure a healthy and sustainable financial position. Within the Institution's organisational structure, the Committee reports directly to the Administration Board.

For the financial year 2023/2024, the Committee is pleased to report that the Institution maintained a robust financial position. The total income for the year was HK\$85.5 million, representing an 11.3% increase compared to the previous year. Despite challenges posed by the pandemic, we saw increased activity, resulting in total expenditure rising by 21.9% to reach HK\$86.5 million. As a result, there

was a deficit of HK\$1.1 million before accounting for a decrease in the fair value of investments amounting to HK\$1.3 million. The overall spending pattern for this financial year closely mirrors that of the previous year.

Based on the membership fee adjustment mechanism, which takes into consideration the latest Consumer Price Index, government salary increases, and other economic indicators, the Committee recommended a 3.2% increase in membership fees for the financial year 2024/2025. Additionally, the Committee recommended continuing the practice of providing early bird discount to all members who make subscription payments by cheque, cash or faster payment system before 1 April 2024.

By closely monitoring our expenditures and securing ongoing support from sponsors for the HKIE's events, the Committee expects that the HKIE will continue to maintain a healthy and sustainable financial position in the coming years.



**Ir Derrick LEUNG Hung Kwong**  
Chairman

## Journal Editorial Committee

In Session 2023/2024, the work of the Journal Editorial Committee (JEC) pivoted on reconciling the obligation to maintain *Hong Kong Engineer's* quality content with the need to evolve with the times.

In our ongoing explorations of how to attract new readers while fortifying the existing professional readership, the student demographic has stood out as one of the groups which it is important to cultivate a closer relation with. Our efforts on this front have assumed all shapes and forms: garnering pertinent views on the sorts of student engagements entailed via dialogues with young members and government departments, soliciting teachers' and professors' assistance with promoting the Journal among their students, and continuing the practice – introduced last Session and favorably received since then – of including internship postings in the Job Centre.

In acknowledgment of the centrality of gender diversity in our forward-thinking profession, we have made the move of welcoming the Women in Engineering Committee (WiE) into the regular editorial contributors to the Journal's Institution & Division Activities Section. The voice of women is now one among many voices across the spectrum represented in the Journal.

In matters of editorial decisions, especially the publication of Cover and Feature Stories, emerging industry trends have guided us at many a step. We have been fortunate to have had a wide selection of article contributions, whose topics encompassed Generative AI, New Industrialisation, and IoT Applications, etc. These trendsetting articles were published in parallel with more traditional ones about local infrastructure projects, catering to another class of readers with long-standing and justified interests in these equally important topics.

Such a diversity of article contributions is evidence not just of the industry's flourishing but also of the Journal's growing standing in that industry. Over the Session, we have been sustained editorially by Divisions, the government, universities, learned individuals, engineering companies/organisations, quangos and statutory bodies.

The Greater Bay Area (GBA) has been identified by us as, plausibly, one of the arenas which the Journal may enter, seek contributions from, and gain readership in. The recent launch of the Institution's WeChat account has opened up previously uncharted avenues in this direction. As a significant first step, we have seen a series of Journal reports about GBA events being posted and distributed on this new platform.

The future will find the JEC remaining committed to the development of *Hong Kong Engineer*, ensuring it continues to serve as an invaluable resource for our members and a showcase for engineering excellence.



**Ir Aaron BOK Kwok Ming**  
Chairman

## Management Committee

The Management Committee is responsible to the Administration Board for the regular review and updating of the Institution's management and administration procedures. The Committee is also responsible for reviewing the composition and terms of reference of the Institution's Boards and Committees.

During Session 2023/2024, the Committee considered the proposed amendments to the Chinese translation of the Discipline Advisory Panel. In addition, the Committee reviewed and evaluated proposed changes to the composition and terms of reference

of the Qualification and Membership Board, introducing the newly established Professional Certification Committee as an ex-officio member of the Board. These proposed amendments were subsequently approved by the Administration Board and the Council respectively.

Considering that the relevant proposals could be submitted directly to the Administration Board for consideration, the Committee reviewed the functions of the Management Committee. To streamline the procedures and improve efficiency, the Committee recommended that the Management Committee be dissolved.



**Ir Duncan WONG Wai On**  
Chairman

## Staff Resources Committee

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

To address challenges arising from newly developed functions within the operation of the Secretariat, the Committee adopted proposals related to staff establishment to maintain the overall effectiveness. In addition, the Committee reviewed the

staffing structure in specific functional domains to tackle difficulties encountered in recruiting suitable candidates for senior vacancies. Subsequent changes to the staffing structure were implemented based on the Committee's review.

The Committee conducted a comprehensive review of staff salary levels. This assessment took into account various factors, including current market trends, changes in the cost of living, staff turnover rates, as well as the overall financial position of the Institution. Furthermore, the Committee closely monitored staff costs against the approved budget to ensure that service support could be provided for the Institution's members satisfactorily and at an appropriate level.



**Ir Prof Frank CHAN Fan**  
Chairman

## LEARNED SOCIETY BOARD

Throughout Session 2023/2024, Divisions and Committees organised various activities for members to foster and sustain professional growth and development, and provided continuous learning opportunities for excellence.

With the goal of strengthening ties with our Mainland counterparts and enhancing Members' understanding of the country's latest developments, the Board organised a 21-member delegation to Shanghai and Hangzhou in December 2023. This visit, supported by the Liaison Office of the Central People's Government in Hong Kong and the Shanghai Association for Science and Technology, was well-received by participants from both sides. The visit left all the participants with shared memories and strengthened bonds.

As a learned society with a global outlook, it is of utmost importance to develop close collaboration with overseas and Mainland engineering institutions. During the Session, the Council approved the renewal of Agreement of Co-operation with the Korean Society of Civil Engineers. At Divisional level, four Memoranda of Understanding (MOUs) were signed, namely the MOU between the Control, Automation & Instrumentation Division and the Guangdong Automation Association; the MOU between the Gas & Energy Division, the Guangdong Energy Research Society and Macao Institution of

Electrical & Mechanical Engineers; the MOU between the Gas & Energy Division, Hong Kong Institute of Environmentalists and 碳市場能力建設(大灣區)服務中心; and the MOU between the Electronics Division and the Guangdong Institute of Electronics.

We have also strengthened the relationship with our overseas chapters. In addition to the annual Presidential Visit to the UK, our President for Session 2023/2024, in genial company with Vice President for the Session Ir Alice CHOW, also paid a visit to Australia in May to meet our members there. Furthermore, Immediate Past President for the Session Ir Aaron BOK visited Canada in April. All these visits were well-organised and fruitful, and we are grateful for the unwavering support from overseas chapters.

Last but not least, we prioritise grooming young members. In addition to Young Members Committee (YMC)'s delegation to Sweden on sustainable development in March 2024, our Student Chapters also organised visits to both London and Beijing in June. The fruitful London delegation was co-organised by three Student Chapters, while the Beijing delegation included members from five Student Chapters. The visits aimed to enhance understanding on the country's latest development in technology, innovation, net-zero carbon emissions, and cultural sustainability, helping to widen the youngsters' horizons and prepare them better for future challenges.





**Ir TANG Whai Tak**  
**Chairman**

## Conference Committee

The Conference Committee was actively involved in the planning and organisation of various conferencing activities during Session 2023/2024.

The International Council on Electrical Engineering Conference 2023, 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, took place from 2 to 6 July 2023 in Hong Kong. The theme of the Conference was “Frontiers in Carbon Neutrality Power and Energy”. It attracted over 400 delegates and featured five keynote presentations, two special technical sessions, a total of 151 oral and poster presentations and technical visits. The opening ceremony was officiated by Guest of Honour Ir Prof The Hon SUN Dong, Secretary for Innovation, Technology and Industry.

Jointly organised by the Institution and the Shanghai Association for Science and Technology, the Hong Kong and Shanghai Symposium on Science and Technology 2023 was successfully held from 26 to 27 October 2023 in Hong Kong. The Symposium was attended by more than 150 participants, including 24 delegates from Shanghai. The Guests of Honour were Ir Prof The Hon SUN Dong, Secretary for Innovation, Technology and Industry, as well as Ir Ricky C K LAU, Permanent Secretary for Development (Works). Additionally, 20

prominent speakers from Hong Kong and Shanghai delivered their presentations under the theme “Journey for the Data Savvy in the New Era”.

The Mainland and Hong Kong Construction Forum 2024 was successfully held in Guangzhou from 26 to 27 March 2024. The forum focused on the theme “Deepening the Collaboration of the Construction Industry in the Mainland and Hong Kong, Building a High Quality Guangdong-Hong Kong-Macao Greater Bay Area, Taking Forward the Belt and Road Initiative Together”. This engaging Forum was jointly organised by the Centre of Science and Technology Industrial Development of the Ministry of Housing and Urban-Rural Development (MOHURD), the Department of Housing and Urban-Rural Development of Guangdong Province, and the Institution. It was conducted under the steer of the MOHURD, the People’s Government of Guangdong Province, and the Development Bureau of the HKSAR Government. Numerous distinguished guests, including Mr WANG Hui, Vice-Minister of the MOHURD, Mr ZHANG Shaokang, Vice-Governor of the People’s Government of Guangdong Province, The Hon Bernadette H H LINN, Secretary for Development of the HKSAR Government, and Mr CHEN Jie, Vice Mayor of the Guangzhou Municipal Government, attended and delivered speeches at the opening ceremony. It was well attended by more than 800 industry partitioners from Guangdong, Hong Kong and Macau.



**Ir Dr Christopher TO Wing**  
Chairman

## Construction Dispute Resolution Committee

The Construction Dispute Resolution Committee had a very fruitful and productive Session. In the course of it, the Committee explored the attributes of the online dispute resolution platform “eBram” and its potential to assist disputants and dispute resolution specialists in handling cross-border disputes effectively in an online environment.

Additionally, the Committee had been reviewing the need to develop a standard form of contract for subcontractors, available in both Chinese and English, in light of developments in Security of Payment legislation. This work will continue in the Session that follows, and members will be kept informed of the progress.

Furthermore, after extensive efforts by the Executive and the Committee in collaboration with the Development Bureau, the long-awaited Security of Payment legislation is about to take shape, thus providing a pathway to assist in resolving construction disputes more quickly and cost-effectively. The Committee will continue to work with the Development Bureau to ensure that we maintain our status as an Adjudicator Nominating Body as well as providing the necessary framework and resources to train our members as competent adjudicators to facilitate this process.

During the Session, a 40-hour Stage One Hong Kong Mediator Accreditation Association Ltd (HKMAAL) mediation training was conducted, with 16 of our members participating, equipping them to proceed towards the Stage Two requirements of HKMAAL so that they can be accredited as general mediators. In the coming Session, it is anticipated that further training in adjudication, arbitration, expert and mediation will be provided.

The Committee has applied to the Professional Services Advancement Support Scheme (PASS) for funding to organise a conference on Adjudication/Mediation, scheduled to take place at the end of 2024.

In collaboration with the City University of Hong Kong School of Law and the Hong Kong Mediation Council Ltd, a series of Alternative Dispute Resolution seminars took place from February to June 2024 to provide our members with the key knowledge and up-to-date information on dispute resolution within commercial, construction, and family sectors. Further seminars are anticipated to be organised in the coming Session to enrich members’ expertise and know-how within the dispute resolution sphere.

If members wish to be involved in Committee affairs and suggest areas for the Committee to consider in the upcoming Session, please do not hesitate to contact the Committee.



**Ir Peter CHAK Chi Kin**  
**Chairman**

## Continuing Professional Development Committee

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

Subsequent to the approval of the new CPD category “Social Gathering or Networking Activities” in the previous Session, the “Guidance Notes for Mandatory Continuing Professional Development (CPD) for Corporate Members (September 2023)” was approved, effective from January 2024.

With the support of ten CPD course providers, the Committee offered approximately 238 courses covering health & safety, technical matters, and general professional subjects in 2023.

Additionally, the Committee successfully co-organised nine CPD activities with the Young Members Committee (YMC) during the Session, including an overseas delegation to Sweden.

The Task Force on Organising Topical CPD Activities 2023/2024 also successfully organised two CPD seminars in hybrid mode: “Discover the Greater Bay Area: Seminar on Innovative Technologies in Urban Transportation” and “How to Obtain HKIE Certification of Eng BIM Pro”. The first seminar attracted nearly 1,000 participants from Hong Kong, Guangdong, Guangxi and Macau, and the second one had over 600 attendees.

The Committee approved a new course titled “Seminar on Engineers in Society”. This course is specially designed to fulfill the top-up requirement of “Ethics and professional engineer” for candidates with non-accredited degrees, as recommended by the Education and Examinations Committee. Fulfillment is subject to the satisfactory completion of the course’s assignments and written test.

CPD has been a mandatory requirement for Corporate Members since 1 January 2006. The audit of members’ CPD attainment in 2022 has been completed, and 90 out of 144 cases reviewed were found to be in compliance. Interviews were conducted with members classified as non-compliance for more than two consecutive years.



**Ir Prof Michael LEUNG Kwok Hi**  
Chairman

## HKIE Transactions Committee

With a rich legacy spanning nearly three decades, *HKIE Transactions* continues to serve as a valuable scholarly resource across diverse engineering disciplines, fostering global knowledge exchange among practitioners and academia. During Session 2023/2024, the Committee entrusted with overseeing its publication achieved significant milestones.

A notable accomplishment was the publication of the eighth Theme Issue, exploring the theme of “Construction by Smart and Innovative Techniques,” with esteemed academician Ir Prof PAN Wei as the Guest Editor. This theme selection demonstrates the journal’s commitment to remaining at the forefront of contemporary engineering trends. In the upcoming theme issues, we will explore topics such as big data and advancements in smart building environments.

Furthermore, a Special Issue for 2023 on “Innovations and Technologies for Carbon Neutrality” was published, expanding the journal’s purview to address pressing concerns and challenges related to the Sustainable Development Goals (SDGs). This special issue provided researchers and practitioners with a platform to explore pioneering approaches towards achieving carbon neutrality and reducing environmental impact.

The Committee remains dedicated to recognising and honouring exceptional researchers through the HKIE Best Transactions Paper Prize and the HKIE Outstanding Paper Award for Young Engineers/Researchers. These awards not only commend exemplary research contributions but also act as catalysts for further advancements in the engineering field. In line with this commitment, a Public Lecture for the HKIE Outstanding Paper Award for Young Engineers/ Researchers 2023 was organised for the awarded authors to share their excellent achievements in engineering innovations and technologies. The event received an encouraging attendance rate.

To ensure the journal’s standard and appeal, the Committee diligently reviewed and revised documents such as instructions for authors and submission requirements for *HKIE Transactions*, benchmarking them against renowned international journals. By enhancing the clarity and comprehensibility of these guidelines, the Committee aimed to attract high-quality submissions and maintain rigorous standards in the review process.

Recognising the significance of an optimal user experience, the Committee focused on refining the presentation of information, layout, and overall usability of the open-access journal’s online platform. These enhancements were implemented to improve readers’ experience with a more user-friendly interface. The upgrading also facilitates the citation of *HKIE Transactions* papers, catering to the needs of researchers and readers alike.

As the field of engineering evolves, the Committee proactively evaluated and updated the list of engineering categories and sub-categories covered by *HKIE Transactions*. This step aimed to provide authors and readers with a better understanding of the journal’s scope, encouraging broader engagement and participation from the engineering community.

Another noteworthy achievement during this Session was the fruitful collaboration with other engineering organisations. By joining forces to produce special issues, a dynamic exchange of ideas and expertise has been fostered with mutual beneficial networking.

The Committee wishes to express its heartfelt appreciation to international intellectuals, including Editors, Associate Editors, Transactions International Advisors, and paper reviewers, whose acumen and dedication have been instrumental in upholding the journal’s reputation. Moving forward, the Committee remains steadfast in its commitment to maintaining professional excellence and will continue seeking improvements to ensure the journal’s continued impact and relevance within engineering and academic communities.



**Ir Mandy LEUNG Man Yee**  
**Chairman**

## Public Service Committee

As the driving force behind the Institution's extensive outreach endeavours, the Public Service Committee remains steadfast in its commitment to advocating the Institution's standpoint on matters of engineering that resonate with the public. Our relentless efforts encompass engaging students, the general public, government entities, and the media.

During this Session, the Consolidated STEAM Promotion Scheme was launched as a strategic initiative that synergises and amplifies the Institution's efforts in promoting STEAM education. A focal point within this scheme is the "Back to School" Programme, a pivotal component of the collaborative "Back to School/Fly High Engineering" Project developed in partnership with the Education Bureau and the Institution of Engineering and Technology (IET) Hong Kong. This Programme has elicited an enthusiastic response from schools, with our Committee providing unwavering support to 63 of them. To date, we have meticulously scheduled over 100 activity sessions, including enlightening talks, engaging visits, and immersive workshops. Recognising the success of this collaboration, the Committee has made a collective decision to sustain this valuable partnership, ensuring our collective efforts and achievements are maximised.

Through our School Ambassadors Programme, we have successfully conducted 30 impactful talks, reaching approximately 3,000 students across various educational levels, from primary schools to higher education institutions.

In our zealous pursuit of engaging the general public, we embarked on courtesy visits to District Councils to understand the needs of society and reinvigorate previously established connections in the post-pandemic landscape. Additionally, we launched a captivating video campaign titled "3-minute Engineering Discovery," aimed at providing insights into advanced engineering technologies and unveiling fascinating stories behind remarkable projects. Complementing this endeavour, we are also producing videos to further enhance public awareness of diverse engineering disciplines.

The Committee has been instrumental in providing professional views on engineering-related matters, effectively addressing public concerns, and responding promptly to invitations from governmental bodies, public organisations, as well as the media. Furthermore, our proactive approach in nominating HKIE members to serve on external boards and committees ensures effective representation of our professional expertise, thereby enabling society to benefit from our invaluable contributions.



**Ir Alice CHOW Kin Tak**  
Chairman

## QUALIFICATION AND MEMBERSHIP BOARD

In this Session, the Qualification and Membership Board continued its gatekeeping role in the qualifying process to maintain the quality of membership admission.

During the Session, the Board endorsed the establishment of the Nuclear Discipline, which signifies the continued expansion of the Institution to absorb more members from niche areas. Following the Discipline's establishment, the Institution now has a total of 22 Disciplines.

The Board spared no efforts in introducing various measures to facilitate applicants to apply for membership of the Institution. During the Session, the Board approved a proposal to revamp the Associate Membership and introduced a reduced Professional Assessment (PA) fee for Associate Members applying for MHKIE. A Working Group for Streamlining the Process of Professional Assessment was also established. Additionally, a proposal to adopt a streamlined approach for handling the academic assessment of MSc students or graduates in Mechanical Engineering to facilitate their applications for Scheme "A" training, was considered and supported by the Board.

The Pilot Scheme of Adopting Results of Language Tests for HKIE Membership Admission was launched in April 2023 to use language tests result for Membership admission in lieu of an essay/technical write-up in the Professional Assessment. The Board reviewed and approved the continuation of the Scheme, making it a permanent arrangement.

On the recommendation of the Board, the Council approved the Mutual Recognition Framework Agreement (MRFA) with the Guangdong Institution of Engineers, and the Agreement was signed in November 2023. Five supplementary agreements under the MRFA with respective Guangdong Engineering Institutions, covering Civil, Control, Automation & Instrumentation, Electrical and Geotechnical Disciplines, were also approved during the Session. Members of the Institution in these Disciplines can now apply for five Mainland professional titles through the designated mechanism promulgated by the Human Resources and Social Security Department of the Guangdong Province.

The current Reciprocal Recognition Agreements with the Institute of Marine Engineering, Science and Technology and the Chartered Institution of Building Services Engineers were also approved for renewal during the Session.

Following the issuance of electronic membership cards (e-membership cards) to Student Members, Graduate Members, Companions and Affiliates in Financial Year 2021/2022, the Board approved extending this service to Corporate and Associate Members from the Financial Year 2024/2025. Corporate and Associate Members in need will be offered the choice of receiving a physical membership card for use upon entering construction sites.

This year has been busy and fruitful, as the Board reviewed a total of 705 applications for Corporate membership and 3,183 applications for other classes of membership. The Institution has gone from strength to strength, with membership standing at more than 32,621 as of June 2024.



**Ir LO Pak Cheong**  
Chairman

## Education & Examinations Committee

During this Session, the Education and Examinations (E & E) Committee reviewed a total of 53 applications for individual assessment of academic qualifications for the class of Member. The Committee approved 21 cases as meeting the academic requirements for Members, while 32 cases were rejected.

In the year under review, 19 applications for academic assessment were received for the Civil Discipline – the highest among the Disciplines – with eight applications for the Structural Discipline, and five for the Environmental Discipline.

Following the half-day seminar organised by the E & E Committee, which succeeded in assisting three applicants in meeting the top-up requirement of Professional Engineer under Complementary Studies in 2022, the E & E Committee collaborated with the Continuing Professional Development Committee to deliver a CPD course, which covered the topics “engineers in society” and “professional and ethical responsibility for engineers”, to 12 applicants in mid-June this year. The E & E Committee will continue to assess applicants’ needs for meeting the top-up requirement of Professional Engineer under Complementary Studies, and will support the implementation of a similar CPD course as needed.



**Ir Raymond POON Kwok Ying**  
Chairman

## Fellowship Committee

Fellow is the Institution’s highest membership class 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, as well as the setting of qualification standards.

During the Session, a revised version of the Appeal Procedures for Fellowship Applications was proposed by the Committee and approved by the Qualification and Membership Board. It is also encouraging to note that more members from academia are interested in the Fellowship of the Institution and submitted applications in Session 2023/2024.

It is the policy of the Committee to assess each application based on individual merit, taking into full consideration each candidate’s circumstances. During the Session, the Fellowship Committee held five meetings and reviewed 85 applications. A total of 72 candidates were recommended for Fellowship.

We look forward to receiving more applications for Fellowship from qualified candidates in the future.



**Ir Stephen CHIK Wai Keung**  
Chairman

## Professional Assessment Committee

The Qualification and Membership Board of Session 2022/2023 invited the Professional Assessment Committee (PAC) to review the arrangements for online Professional Assessment (PA). To facilitate the review, Discipline Advisory Panels and Assessors who had conducted online PA were invited to provide their views and feedback. The PAC deliberated on the feedback from the Disciplines, which indicated that face-to-face PA is preferred, and only under exceptional cases should online PA be implemented in general. Approval from the respective Discipline Advisory Panel on conducting online PA should be sought in accordance with the existing Guidelines to Assessors. In this connection, the PAC reviewed and revised the Guidelines for Assessors and Instructions for Candidates for Online Professional Assessment to facilitate the implementation.

Following the revamp of the Associate Membership application arrangement

proposed by the Associate Members Committee, the PAC noted that the application for Associate Membership will be assessed through paper submission only. Applicants should provide evidence in their submission to demonstrate that the competences set out in the HKIE Competence Standard for Associate Membership are achieved. Admission to Associate Member will be recommended if the submission and assessment result are considered acceptable. To support the implementation of the new assessment arrangement, the PAC has reviewed and revised the current workflows for assessing Associate Member applications.

Following the launch of the first Web-based Assessor Training Programme in November 2022, the second training programme was conducted from mid-November 2023 to mid-February 2024. Out of 58 invited Corporate Members, 35 completed and passed the Web-based Assessor Training Programme. Members who were unable to complete the training will be invited to the next training programme when it becomes available.





**Ir Rupert LEUNG Kwok Yiu**  
Chairman

## Professional Certification Committee

Echoing one of the focus areas in the “Time to Change” Roadmap, which calls for the enhancement of services to members, the Professional Certification Committee was established in May 2023 to facilitate members in acquiring essential certifications and qualifications in niche areas.

With the launch of the certification scheme, the Committee introduced a certification scheme focusing on Building Information Modelling (BIM). In March 2024, we certified 16 members as Engineering BIM Professionals (Eng BIM Pro) and 12 members as Engineering BIM Coordinators (Eng BIM Coord). Additionally, we collaborated with different organisations to enhance our certification scheme. Working with the Vocational Training Council, we developed tailor-made engineering-specific courses for members to acquire the necessary BIM knowledge within an engineering context. Furthermore, we established streamlined procedures in partnership with the Construction Industry Council (CIC) to enable members to apply for both Eng BIM Pro and CIC-Certified BIM Manager (CCBM), as well as Eng BIM Coord and CIC-Certified BIM Coordinator (CCBC), in a single step.

Another significant achievement was the launch of the Engineering Environmental Impact Assessment Professional (Eng EIA Pro) certification scheme. Members holding this designation are recognised by the Environmental Protection Department of the HKSAR Government as “Qualified Professional/Expert” for EIA under the Environmental Impact Assessment Ordinance. In June 2024, the Committee certified 48 members as having Engineering EIA Professional status.

Moving forward, we are discussing with Leisure and Cultural Services Department of the HKSAR Government to explore the possibility of establishing a certification scheme for stage engineers. This endeavour reflects our resolve to serve society’s needs with certification offerings across various areas of expertise.

This inaugural Session has been productive and fulfilling. The accomplishments were made possible by the unwavering commitment and support of the Committee members. I extend to them my deep appreciation for their efforts and look forward to more successes in the future.



**Ir MOK Kwok Ho**  
Chairman

## Quality Control Committee

The Quality Control Committee (QCC) held six meetings during the Session and reviewed a total of 427 assessment results. The passing rate of the assessment results was 60% for the Session, compared with 66% for the previous Session.

During the Session, the QCC reviewed 18 appeal cases, upholding assessment results in 17 cases.

The QCC strove to achieve its mission of maintaining consistent professional assessments with high-quality standards across the Institution’s 22 Disciplines and upholding the standards of assessment for applicants via Reciprocal Recognition Agreements with other professional institutions.



**Ir Kenneth LI Siu Kong**  
Chairman

## Training Committee

The Training Committee focuses on training matters, including the vetting and monitoring of the Scheme “A” Graduate Training and Formal Training Scheme to Associate Membership (AM Training).

In this Session, documents related to establishing Scheme “A” in Nuclear Discipline were approved, including the Consolidated Model Training Guide (CMTG) and the Minimum Core Subject Areas (MCSAs). Discipline Advisory Panels (DAP) were also invited to review their MCSAs, which were developed in 2017. Ten Disciplines, namely, Aircraft, Building Services, Electronics, Environmental, Energy, Fire, Information, Manufacturing, Industrial & Systems, Mechanical and Structural, updated their CMTGs and MCSAs. Following consultation with universities, the finalised versions were endorsed by the Committee and subsequently approved by the Qualification and Membership Board. The new MCSAs for the ten Disciplines will be implemented on 1 January 2025.

The Committee also approved the proposed streamlined procedures to assess academic requirements of MSc Students or Graduates for Mechanical Discipline. Students or graduates of MSc Programmes in Mechanical Engineering in Hong Kong who hold a bachelor’s degree recognised under Washington Accord will be able to begin their assessment of eligibility for Scheme “A” in Mechanical Discipline before being recruited by Scheme “A” companies. A hybrid-mode briefing was conducted with Mechanical DAP and attended by nearly 100 participants from universities and Scheme “A” companies.

The CPD requirements for trainees were also reviewed. In addition to the existing requirements for Scheme “A” and AM Trainees, all HKIE registered trainees whose training start date is on 1 January 2024 or after will be required to participate in a minimum of nine hours (for a two-year training scheme) or 13 hours (for a three-year training scheme) of HKIE-organised activities within their training period.

In this Session, the Committee processed 112 assessment or re-assessment applications from 58 companies across 20 Disciplines through company visits, trainee interviews and paper evaluations. Meanwhile, the number of newly registered trainees reached 1,007 while 129 company representatives attended four Scheme “A” Workshops. We conducted four Engineering Supervisor Workshops and approved 162 members as Engineering Supervisors.

In parallel with the accreditation exercises conducted, we completed the Discipline matching for 18 programmes from three higher education institutions to Scheme “A” Graduate Training.

As part of the quality assurance mechanism of Scheme “A”, a Special Panel reviewed the training materials of 32 trainees submitted by 28 companies and made recommendations to each company about areas of improvement in the annual sampling exercise of trainees’ training record. The Committee noted the observations from the Special Panel and agreed to revise the layout of the logbook report page to allow space for trainees to respond to comments given by their supervisors.

To encourage registrations for AM Training, the application fee for AM Training is waived for an additional year until 31 March 2025.

Winners of the Trainee of the Year Award 2023 were granted prizes at the New Members’ Reception cum Prize Presentation Ceremony at the Hong Kong Convention and Exhibition Centre in January 2024.