

**MINUTES OF 13th ANNUAL GENERAL MEETING OF
ACADEMY OF ENGINEERING SINGAPORE (SAEng)
TUESDAY, 8th AUGUST 2023, 3.00PM
VENUE: INSTITUTION OF ENGINEERS SINGAPORE & ZOOM**

Present:

Executive Committee (ExCo; 12)

Prof Ho Teck Hua	- President
Prof Thean Voon-Yew, Aaron	- (Outgoing) Secretary
Prof Guo Yongxin	- (Incoming) Secretary
Prof Liu Bin	- Treasurer
Prof Andrew Nee Yeh Ching	- Ordinary Committee Member
Er Chong Kee Sen	- Ordinary Committee Member
Prof Chou Siaw Kiang	- Ordinary Committee Member
Mr Dalson Chung	- Ex-officio President IES
Prof Hang Chang Chieh	- Ordinary Committee Member
Prof Lee Der-Horng	- Ordinary Committee Member
Prof Lim Khiang Wee	- (Incoming) Ordinary Committee Member
Dr Richard Kwok	- Immediate Past President IES

Fellows/Members (26)

Prof Cham Tao Soon, Prof Chan Siew Hwa, Prof Chen Zhi Ning, Dr Li Erping, Prof Louis Phee, Prof Teoh Swee Hin, Prof Wang Rong, Mr Wong Kim Yin, Prof Yeo Kiat Seng, Dr Zhou Yingxin, Mr Mervyn Sirisena, Prof Chen Benmei, Prof Chen Xiaodong, Prof Li Haizhou, Prof Hong Minghui, Prof Leung Chun Fai, Prof Ma Kai-Kuang, Prof Meng Qiang, Prof Ong Say Leong, Prof Zhang Rui, Prof Sam Ge, Prof Yan Shuicheng, Mr Teo Swee Ann, Prof Jason Xu, Prof John Wang, Prof Wang Xin

Absent with Apologies:

Executive Committee

Prof Cheong Hee Kiat	- Ordinary Committee Member
Prof Er Meng Hwa	- Ordinary Committee Member
Dr Lee Shiang Long	- Ordinary Committee Member
Prof Phoon Kok Kwang	- (Incoming) Ordinary Committee Member
Mr Seah Moon Ming	- Ordinary Committee Member
Prof Yeoh Lean Weng	- Ordinary Committee Member

Fellows/Members

Prof Chan Eng Soon, Er. Chang Meng Teng, Prof Cheng Tee Hiang, Mr Chew Choon Seng, Dr Chew Tuan Chiong, Dr Chew Yong Tian, Mr Chiang Chie Foo, Prof Chong Tow Chong, Mr Choo Chiau Beng, Er. Chua Koon Hoe, Prof Chua Kee Chaing, Prof Chung Tai-Shung Neal, Prof Freddy Boey, Prof Goh Eck Soong, Angela, Prof Goh Thong Ngee, Ms Ho Ching, Mr Ho Hak Ean, Peter, Er. Ho Siong Hin, Mr Inderjit Singh, Ms Isabella Loh, Mr J Y Pillay, Prof Kam Chan Hin, Mr Koh Boon Hwee, Prof Kot Chichung, Alex, Mr Kwa Chong Seng, Prof Lam Khin Yong, Dr Lee Bee Wah, Mr Lee Ek Tieng, Prof Lee Fook Hou, Prof Lee Tong Heng, Prof Lian Yong, Prof Liew Jat Yuen, Richard, Mr Lim Chee Onn, Mr Lim Soon Hock, Ms Low Sin Leng, Prof Low Teck Seng, Prof Lui Pao Chuen, Mr Moses Lee Kim Poo, Prof Brian Lee Chang Leng, Prof Ng Wun Jern, Prof Pan Tso-Chien, Mr Philip Yeo, Mr Quek Gim Pew, Prof Quek Tong Boon, Prof Raj Thampuran, Prof Seah Hock Soon, Prof Soh Chee Kiong, Prof Su Guaning, Er. Tan Ee Ping, Mr Tan Gee Paw, Dr Tan Kim Siew, Mr Tan Pheng Hock, Prof Tan Thiam Soon, Mr Tang Kin Fei, Prof Tay Tong Earn, Mr Teh Bong Lim, Mr Teo Ming Kian, Prof Thambipillai Srikanthan, Prof Ting Seng Kiong, Prof Wang Chien Ming, Mr William Tan Seng Koon, Mr Wong Lup Wai, Mr Wong Ngit Liong, Prof Yoon Soon Fatt, Prof Yue Chee Yoon, Mr Liew Mun Leong, Mr Brian Chang, Er. Lau Joo Ming, Prof Seeram Ramakrishna, Er. Dr. Lock Kai Sang, Prof Thomas L. Magnanti, Prof Lim Chwee Teck, Er. Edwin Khew, Mr Chua Chong Kheng, Mr Khoo Teng Chye, Prof Lee Jim Yang, Prof Subra Suresh, Mr Gan Seow Kee, Mr Vincent Chong Sy Feng, Mr Gan Boon Jin, Er. You Fook Hin, Prof Fwa Tien Fang, Prof Chen I-Ming, Prof Robert Deng Huijie, Prof Lam Yee Cheong, Prof Miao Chun Yan, Prof Ng How Yong, Mr Chow Khim Kun, Andrew, Mr Ravinder Singh, Prof Xie Lihua, Dr Susanto Rahardja, Dr Shi Xu, Prof Wang Danwei, Dr Yang Yi Yan, Prof Liu Ai Qun, Prof Soh Yeng Chai, Prof Wen Yonggang, Prof Guan Cuntai, Prof Lou Xiong Wen (David), Prof Wen Changyun, Prof Tony Quek Quee Seng, Mr Ngien Hoon Ping, Prof Zhang Yong, Prof Tang Loon Ching, Prof Zhang Daohua, Prof Ooi Beng Chin, Ms Jessica Tan

In Attendance:

Mr Adriel Chang	- Recording Secretariat, NUS
Ms Ong Hui Tian	- Recording Secretariat, NUS

1 CONFIRMATION OF QUORUM

- 1.1 With 38 members present, President Prof Ho Teck Hua verified and declared the quorum to begin the meeting.

2 SECRETARY'S REPORT

- 2.1 The Secretary's Report (attached in Annex A) was presented to the attendees for information.
- 2.2 Prof Aaron Thean shared that there are 151 Fellows currently. He highlighted slight demographic shifts in terms of age, gender and sector representation. New Fellows were also welcomed, including 10 from institutes of higher learning, 3 from industry, and 2 from the public sector.
- 2.3 The meeting noted the revisions to fellowship criteria, awards and honours received by various Fellows, and the release of the Academy's 10th newsletter in June 2023.
- 2.4 Prof Ho Teck Hua solicited comments on the Secretary's Report. Fellows endorsed the Secretary's Report without any amendment.

3 TREASURER'S REPORT

- 3.1 The Treasurer's Report on the Academy's financial status for the year ending 31 December 2022 (attached in Annex B) was presented to the attendees.
- 3.2 Prof Liu Bin highlighted the need for the Academy to have more activities and the importance of securing more donations to increase the funds available for activities such as outreach efforts.
- 3.3 Prof Ho Teck Hua shared that the Academy is working towards getting funding from the National Research Foundation (NRF). Despite a previous unsuccessful attempt,

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he plans to approach NRF again, seeking \$200K to \$250K annually. This funding could support outreach activities and the commissioning of a white paper.

- 3.4 The Fellows' agreed that having more activities is important. They also suggested increasing the visibility of the Academy by increasing the frequency of newsletters, promoting printed copies for distribution among Fellows and visitors, sending newsletters to high schools, and incorporating talks during high school outreach programmes.
- 3.5 Prof Ho Teck Hua informed the attendees about the Academy's application to the International Council of Academies of Engineering and Technological Sciences (CAETS), which includes representation from countries such as the USA, China, France, and Germany. The annual membership fee is around USD2,000. He shared that a visit by CAETS representatives is expected this year and highlighted the importance to the Academy of having more activities in anticipation of joining such a major, global organisation.
- 3.6 Prof Liu Bin added that a presentation on the Academy will be given to CAETS, which has expressed its interest in engaging with the leadership committee. She encouraged Fellows to provide inputs on activities and stories for the presentation and meeting.
- 3.7 Prof Aaron Thean pointed out that if there are any past Fellows projects or relevant information, Fellows can share these details for the presentation to CAETS.
- 3.8 In the discussion, the idea of featuring papers authored by Fellows as a way to showcase the Academy's work, was raised.
- 3.9 It was also highlighted that the CAETS membership would not only open opportunities for collaborations with

international organisations but also generate momentum for new activities.

3.10 Additionally, Prof Lee Der-Horng mentioned the prospect of a visit by the Chinese Academy of Engineering, potentially fostering collaborations. Prof Ho Teck Hua replied that the Academy is happy to host them.

3.11 Prof Ho Teck Hua solicited comments on the Treasurer's Report. Fellows endorsed the Treasurer's Report without any amendment.

4 CHANGES IN CONSTITUTION

4.1 Changes to the Constitution (attached in Annex C) were presented to the attendees for approval.

4.2 Prof Aaron Thean clarified that although the latest version of the Constitution was approved in previous AGMs, the Registry of Societies (RoS) has not been updated on these changes. Therefore, there is a need to ensure that the Academy's latest constitution is updated with RoS.

4.3 Prof Ho Teck Hua solicited comments on the changes to the Constitution. Fellows endorsed the changes without any amendment.

5 ELECTION OF EXECUTIVE COMMITTEE MEMBERS

5.1 Prof Aaron Thean shared that he would be stepping down and Prof Guo Yongxin from NUS would be replacing him as Secretary. Mr Adriel Chang from NUS will be replacing Ms Ong Hui Tian as Secretariat. Prof Thean also welcomed Prof Lim Kiang Wee from SIT and Prof Phoon Kok Kwang from SUTD as new members of the ExCo. The following table shows the composition of the new ExCo:

Name	Title/Role as of 8 Aug 2023
Prof Ho Teck Hua	President
Prof Liu Bin	Treasurer
Prof Guo Yongxin*	Secretary [Supported by Adriel]
Mr Dalson Chung	Ex-Officio-President IES
Dr Richard Kwok	Immediate Past President IES
Prof Cheong Hee Kiat	Member
Prof Chong Kee Sen	Member
Prof Chou Siaw Kiang	Member
Prof Hang Chang Chieh	Member
Prof Er Meng Hwa	Member
Prof Lee Der-Horng	Member
Dr Lee Shiang Long	Member
Prof Lim Khiang Wee*	Member
Prof Phoon Kok Kwang*	Member
Prof Andrew Nee	Member
Mr Seah Moon Ming	Member
Prof Yeoh Lean Weng	Member

*New members

- 5.2 Prof Ho Teck Hua solicited comments on the composition of the new ExCo. Fellows endorsed the new ExCo member composition without any amendment.

6 ANY OTHER BUSINESS

- 6.1 With regard to the discussion on the CAETS application, refer to points 3.5 to 3.10.
- 6.2 Prof Ho Teck Hua raised a question for discussion regarding the Academy's response to a scenario in which a Fellow is

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requested to leave due to ethical or behavioural concerns by other institutions.

- | | | |
|-----|---|-------------|
| 6.3 | In the discussion, the potential inclusion of a rule within the Constitution to respond to such a scenario, was raised. While some members expressed support for its inclusion, others voiced concerns about potential constraints it might impose on the Academy. Alternately, suggestions were made to incorporate the rule while maintaining the flexibility to not enforce it strictly. However, concerns were raised about potential negative perceptions if the Academy did not follow through. Some members also advocated for a mild and general inclusion in the Constitution, without delving into specific procedural aspects. It was suggested that the Academy refer to the Institution of Engineers, Singapore's (IES) clause on termination, and include similar language in the Constitution, along with the changes mentioned in points 4.1 and 4.2. | Secretariat |
| 6.4 | The consensus was that the Academy should have the capacity to request Fellows to leave. It was also suggested that Fellows would likely act sensibly in such circumstances and voluntarily leave. | |
| 6.5 | Prof Ho Teck Hua highlighted the issue regarding Fellows who have relocated to other countries and become non-participatory in meetings. This raised the question of whether these Fellows should retain the right to vote, especially in situations where their votes could alter the majority in critical matters. | |
| 6.6 | In the discussion, the suggestion of Fellows having attended a minimum number of meetings in order to maintain voting eligibility, was raised. It was also acknowledged that taking part in meetings is a general challenge faced by Fellows on overseas fellowships due to travel and differences in time zones. | Secretariat |

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- 6.7 Ultimately, there was an overall consensus on maintaining the status quo. Members were comfortable with Fellows who are overseas, participating in critical decisions through voting.
- 6.8 Prof Ho Teck Hua shared the need for the Academy to (1) identify target customers, (2) make engineering education attractive through outreach (an area that MOE is keen to support), and (3) get international exposure to explore best practices and foster mutual learning. He added that the focus at present can be on enhancing the appeal of engineering education, an area in which the Academy can collaborate with IES.
- 6.9 During the discussion, members put forward several suggestions for the Academy's growth. These include organising flagship forums and conferences that may be company-sponsored to generate profit and enhance visibility, collaborating with IES on a joint forum, and establishing flagship journals.
- 6.10 Further ideas include reaching out to high school teachers for collaboration, encouraging Fellows to highlight the Academy's mission on their CVs, and providing judges for the World Robot Olympiad. The meeting also noted the importance of expanding the Academy's activities incrementally while ensuring sufficient resources are allocated.
- 6.11 Prof Ho Teck Hua pointed out a decline in the quality of students pursuing engineering studies in recent years. He added that MOE has started awarding scholarships to high school students as a new approach to attract them to engineering. He indicated that the Academy could seek support from MOE and reiterated the Academy's aim to secure \$200K to \$250K from NRF to fulfil the three objectives mentioned earlier.

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- 6.12 In the discussion, it was highlighted that decision makers often focus too much on domain-specific work in engineering. The Academy's role in broadening the public's understanding of engineering as a whole and introducing new viewpoints on high-quality research was acknowledged. Furthermore, the attendees noted that NRF conducts studies on foundational research capabilities to guide national focus areas. Collaborating with NRF in this endeavour could help to amplify the Academy's activities.
- 6.13 Prof Ho Teck Hua added that the Academy will play a role in the judging team for the President's Technology Award. He also suggested a simpler approach to public and governmental engagement, with Fellows giving talks and openly stating their affiliation with the Academy to promote it effectively. Additionally, he proposed that the Academy create white papers and policy documents for government consideration, showcasing its value and enhancing its brand. He also suggested the possibility of Fellows being involved in government projects, such as participating in advisory boards, which would enable them to contribute to vital initiatives.
- 6.14 Dr Zhou Yingxin highlighted that the Academy's name can be listed as a supporting organisation for the 18th Conference of the Associated Research Centers for the Urban Underground Space. He clarified that there are no financial obligations for supporting organisations. Prof Ho Teck Hua welcomed this idea and requested that Dr Zhou provide details on this potential engagement for approval. Dr Zhou

7 CLOSING OF THE MEETING

- 7.1 There being no other business, the meeting ended at 4.02pm.

Recorded by: Mr Adriel Chang, Secretariat
Vetted by: Prof Guo Yongxin, Secretary



Approved by: Prof Ho Teck Hua, President
Date: 15 August 2023

Annex A

13th Annual General Meeting Academy of Engineering, Singapore

Secretary's Report

Introduction

Welcome to the 13th Annual General Meeting (AGM) of the Academy of Engineering, Singapore. Since the last AGM which was held online on Jun 2022, the Academy has continued its work and mandate to serve as a think tank to deliberate on national agenda and issues related to the engineering profession by leveraging on the experience and expertise of its fellow members.

Membership

The network of Fellows has grown to 147 strong during the past year. The Academy is pleased to welcome 20 new Fellows who represent a range of academic and industry interests.

- 1) Mr Dalson Chung
Senior Specialist, National Environment Agency
President and Fellow, Institute of Engineers Singapore
- 2) Prof. Guan Cun Tai
President's Chair Professor, School of Computer Science and Engineering
Director, Artificial Intelligence Research Institute
Director, Centre for Brain Computing Institute
Nanyang Technological University
- 3) Dr Li Er Ping
Qiushi Distinguished Professor, School of Information and Electronic
Engineering, Zhejiang University
Principal Scientist at Pensees (S) Pte Ltd
- 4) Prof Ooi Beng Chin
Professor, Department of Computer Science, School of Computing
Lee Kong Chian Centennial Professor
National University of Singapore

- 5) Prof Lou Xiong Wen (David)
Chair Professor, Department of Chemistry, City University of Hong Kong
- 6) Prof Tony Quek Quee Seng
Director, Future Communications R&D Programme, Singapore
Head of the Information Systems Technology and Design Pillar
Cheng Tsang Man Chair Professor
Singapore University of Technology and Design
- 7) Prof Meng Qiang
Professor, Department of Civil and Environmental Engineering, College of
Design and Engineering, National University of Singapore
- 8) Prof Soh Yeng Chai
Professor, School of Electrical and Electronic Engineering
Associate Dean for Research, College of Engineering
Nanyang Technological University
- 9) Mr Ngien Hoon Ping
Group Chief Executive Officer and Executive Director
SMRT Corporation Ltd
- 10) Prof Tang Loon Ching
Professor, Department of Industrial Systems Engineering and Management
National University of Singapore
- 11) Prof John Wang
Professor, Department of Materials Science and Engineering, National
University of Singapore
Principal Scientist II, Institute of Materials Research and Engineering, A*STAR,
Singapore
- 12) Prof Jason Xu Zhichuan
Professor, School of Materials Science and Engineering
Nanyang Technological University
- 13) Prof Wang Xin
Professor, School of Chemistry, Chemical Engineering and Biotechnology
Cheng Tsang Man Chair Professor in Energy
Nanyang Technological University

- 14) Prof Zhang Daohua
Professor, School of Electrical and Electronic Engineering
Nanyang Technological University
- 15) Prof Wen Changyun
Professor, School of Electrical and Electronic Engineering
Nanyang Technological University
- 16) Prof Zhang Yong
Professor, Department of Biomedical Engineering
National University of Singapore
- 17) Prof Wen Yonggang
Professor and President's Chair, School of Computer Science and Engineering
Nanyang Technological University
- 18) Mr Teo Swee Ann
CEO, Espressif Systems
- 19) Mr Wong Kim Yin
Group President and CEO at Sembcorp Industries Ltd
- 20) Ms Jessica Tan
Executive Director and Co-CEO, Ping An Group

Activities

Change in Fellowship Criteria

Since 2012, the academy has greatly expanded its circle of fellows. We now have 147 eminent fellows, who have made significant contributions to engineering.

To maintain the quality of fellows, the SAEng executive committee has revised the assessment criteria and process of accepting fellowship nominations. These changes will help the academy to attract fellows with varied engineering skillsets, which will lead to new perspectives being shared and the creation of more engineering innovations and achievements in the future.

The revisions, which are effective immediately, are detailed below:

Category	Previously	From 1 January 2023
Assessment Criteria	Nominee should have made contributions to the profession in academia and/or industry.	Nominee should contribute to the profession in academia, industry, or government at the national or international level. Candidates who are early in their careers and are expected to make major contributions in the years to come can also be nominated.
Assessment Process	Nominations collated and reviewed every quarter.	Nominations collated and reviewed in December of each year.
	No cap on the number of nominees accepted.	The number of accepted nominations is capped at five per year.

The detailed assessment criteria and nomination process are on our website, [here](#).

Nominations which have been submitted to the secretariat but have not yet been reviewed will be reviewed under the revised criteria and process.

Awards and Honors

Prof. Chen Xiaodong

- Named a fellow of the Singapore National Academy of Science (SNAS)
- Placed on the Asian Scientist 100 list, by Asian Scientist Magazine
- Won an award for Solid State Chemistry & Materials, by the Singapore National Institute of Chemistry (SNIC)
- Won the IUMRS Frontier Materials Scientists Award.

Prof. Chung Tai-Shung Neal

- His lifetime achievements were honoured at a special symposium at the 13th Conference of the

Aseanian Membrane Society (AMS 13) on 4-6 July 2022.

Prof. Guan Cuntai

- Won the King Salman Award for Disability Research (Technical Branch) 2022, for his dedicated research on brain-computer interface technologies and his significant contributions to several medical applications using brain-computer interfaces, such as stroke rehabilitation, ADHD treatment, cognition training, and mental health.
- Named a fellow of the National Academy of Inventors (NAI)'s Class of 2022, in the USA. The fellowship is the highest professional distinction accorded solely to academic inventors across the world. The NAI Fellows Program was established

to highlight academic inventors who have demonstrated a prolific spirit of innovation in creating or facilitating outstanding inventions that have made a tangible impact on the quality of life, economic development, and the welfare of society.

Dr Richard Kwok

- Named a Friend of Land Transport, by the Land Transport Authority, to recognise his contributions to the holistic improvement of Singapore's land transport system through various nation-wide initiatives that focus on manpower development, community development and standards development.

Dr Li Er Ping

- Won the 2022 Zhejiang Province Natural Science Award, first class, for outstanding contributions to the discovery of inverse Cerenkov radiation in artificial electromagnetic materials.

Prof. Lim Chwee Teck

- Won the IES Prestigious Engineering Achievement Award 2022, from the Institution of Engineers, Singapore, for engineering achievements that demonstrate outstanding engineering skills and which have made a significant contribution to the engineering progress and the quality of life in Singapore.
- Named a IUPESM fellow 2022 by the International Union for Physical and Engineering Sciences in Medicine. The fellowship recognises outstanding contributions to the international development of Physical and Engineering Sciences in Medicine.

Prof. Lock Kai Sang

- Co-winner of the 2022 Medal for Excellence in Engineering Education from the World Federation of Engineering Organizations (WFEO).

Prof. Phee Soo Jay Louis

- Awarded the Public Administration Medal (Silver) at the National Day Awards 2022, for his contributions to the education sector as Dean of the College of Engineering at Nanyang Technological University, Singapore.

Prof. Tony Quek

- Named in Stanford University's "Top 2% of Scientists Worldwide 2022", for outstanding contributions to networking and telecommunications.

- Winner of the 2022 IEEE Signal Processing Society Best Paper Award for "Federated Learning With Differential Privacy: Algorithms and Performance Analysis". The paper was published in IEEE Transactions on Information Forensics and Security, April 2020, and was co-authored by Kang Wei, Jun Li, Ming Ding, Chuan Ma, Howard H. Yang, Farokhi Farhad, Shi Jin, Tony Q.S. Quek, and H. Vincent Poor.

- Selected as a finalist for the Falling Walls Science Breakthroughs of the Year 2022 in the category Science and Innovation Management.

- Named a ST Engineering Distinguished Professor for contributions in accelerating the translation of research in wireless communications.

Mr Seah Moon Ming

- Winner of the Meritorious Service Medal at the 2022 National Day Awards, for his significant contributions to the public transport and education sectors.

- As chairman of SMRT since 2017, Mr Seah Moon Ming has been instrumental in achieving a best-in-class standard of reliability. He helped to deepen SMRT's rail engineering capabilities, enhanced its operations and maintenance, and introduced innovations which improved station services. He also contributed significantly to the Johor Bahru-Singapore Rapid Transit System project.

- As chairman of the board of governors of NUS High School, Mr Seah led the school to nurture an international outlook in its students. He helped the school establish partnerships with industry, which enabled students to gain authentic professional experiences.

Prof. Wang Rong

- Awarded the Public Administration Medal (Silver) at the 2022 National Day Awards.

- Winner of the 2022 President's Technology Award for "outstanding contributions to the field of membrane science and technology, leading to more energy-efficient liquid purification and desalination to support Singapore's sustainability goals".

Dr Yang Yi Yan

- Highly Cited Researcher 2022 awarded by Clarivate as the world's most influential scientific minds, demonstrated by the production of multiple highly-cited papers that rank in the top 1% by citations for field and year in the Web of Science™
- The Commendation Medal (COVID-19) awarded by the Republic of Singapore for displaying great

courage and dedication beyond the call of duty while maintaining a high level of professionalism in her role during the COVID-19 pandemic.

Prof. Yeo Kiat Seng

- Won a 2022 Singapore National Academy of Science (SNAS) Fellowship for his pioneering work and leadership in radio frequency millimetre-wave integrated circuit design and the promotion of STEM education in Singapore.
- Named in Stanford University's "Top 2% of Scientists Worldwide 2022", for outstanding contributions to the field of engineering and integrated circuit design.

SAEng Newsletter

The 10th issue of the SAEng newsletter was circulated to all Fellows in Jun 2023 to keep members informed on the new elected Fellows, and the latest updates on the activities and projects championed by our distinguished Fellows.

Thanks and Acknowledgements

On behalf of the Academy, I would like to extend my appreciation and thanks to our Fellows for their support and contributions as Executive Committee Members and the project groups who have dedicated precious time and hard work in pursuing the Academy's mission and objectives for the past year.

I would also like to put on record my thanks to the Institution of Engineers, Singapore (IES) for their continuing valuable and generous support towards the Academy's activities.

Finally, I would like to thank all of you who are attending the meeting today and to all Fellows who have contributed generously towards the Academy.

I look forward to seeing more Fellows playing an active role in the Academy in the coming year.

Annex B

ACADEMY OF ENGINEERING, SINGAPORE
UEN Number: T11SS0118B
(Incorporated in the Republic of Singapore)

**STATEMENT BY THE COUNCIL MEMBERS
AND FINANCIAL STATEMENTS
FOR THE FINANCIAL YEAR ENDED
31 DECEMBER 2022**

NLA DFK ASSURANCE PAC
Chartered Accountants
Singapore

ACADEMY OF ENGINEERING, SINGAPORE
UEN Number: T11SS0118B
(Incorporated in the Republic of Singapore)

**STATEMENT BY THE COUNCIL MEMBERS
AND FINANCIAL STATEMENTS
FOR THE FINANCIAL YEAR ENDED
31 DECEMBER 2022**

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ACADEMY OF ENGINEERING, SINGAPORE
UEN No. T11SS0118B

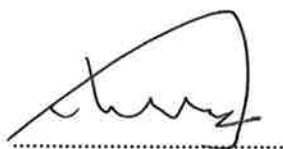
Statement of Council Members
for the financial year ended 31 December 2022

The Council Members are pleased to present their statement to the members together with the audited financial statements of Academy of Engineering, Singapore. (the "Association") for the financial year ended 31 December 2022.

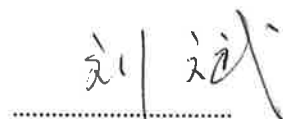
In the opinion of the Council Members:

- (a) the accompanying financial statements of the Association set out on pages 5 to 15 are properly drawn up in accordance with Constitution of the Association, the Societies Act, Chapter 311, the Charities Act, Chapter 37 and the regulations enacted there under, and the Financial Reporting Standards in Singapore so as to give true and fair view of the financial position of the Association as at 31 December 2022 and the financial performance, changes in funds and cash flows of the Association for the financial year then ended on that date;
- (b) the accounting and other records required to be kept by the Constitution of the Association, Societies Act, Chapter 311, the Charities Act, Chapter 37 and the regulations enacted thereunder, have been properly kept in accordance with those provisions; and
- (c) at the end of this statement, there are reasonable grounds to believe that the Association will be able to pay its debts and when they fall due;

On behalf of the Council Members,



Professor Ho Teck Hua
President



Professor Liu Bin
Treasurer

21 July 2023

**Independent auditor's report to the members of
ACADEMY OF ENGINEERING, SINGAPORE
UEN No. T11SS0118B**

Report on the Audit of the Financial Statements

Opinion

We have audited the financial statements of Academy of Engineering, Singapore (the "Association"), as set out on pages 5 to 15, which comprise the statement of financial position as at 31 December 2022, and the statement of comprehensive income, statement of changes in fund and statement of cash flows for the financial year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements are properly drawn up in accordance with the provisions of the Societies Act, Chapter 311 (the "Societies Act") and Charities Act, Chapter 37 and other relevant regulations (the Charities Act and Regulations) and Financial Reporting Standards in Singapore ("FRSs") so as to give a true and fair view of the financial position of the Association as at 31 December 2022 and of the financial performance, changes in funds and cash flows of the Association for the financial year ended on that date.

Basis for Opinion

We conducted our audit in accordance with Singapore Standards on Auditing ("SSAs"). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are independent of the Association in accordance with the Accounting and Corporate Regulatory Authority ("ACRA") *Code of Professional Conduct and Ethics for Public Accountants and Accounting Entities* ("ACRA Code") together with the ethical requirements that are relevant to our audit of the financial statements in Singapore, and we have fulfilled our other ethical responsibilities in accordance with these requirements and the ACRA Code. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Other Information

The Council Members are responsible for the other information. The other information comprises the Statement of Council Members as set out on page 1.

Our opinion on the financial statements does not cover the other information and we do not express any form of assurance conclusion thereon.

In connection with our audit of the financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

Other matter

The financial statements for the financial year ended 31 December 2021 were audited by another auditor whose report dated 31 May 2022 expressed an unmodified opinion on these financial statements.

**Independent auditor's report to the members of
ACADEMY OF ENGINEERING, SINGAPORE
UEN No. T11SS0118B**

Report on the Audit of the Financial Statements (continued)

Responsibilities of the Council Members for the Financial Statements

The Council members are responsible for the preparation of financial statements that give a true and fair view in accordance with the provisions of the Society Act, Charities Act and Regulations and FRSs, and for devising and maintaining a system of internal accounting controls sufficient to provide a reasonable assurance that assets are safeguarded against loss from unauthorised use or disposition; and transactions are properly authorised and that they are recorded as necessary to permit the preparation of true and fair financial statements and to maintain accountability of assets.

In preparing the financial statements, the Council members are responsible for assessing the Association's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the Council either intends to liquidate the Association or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Association's financial reporting process.

Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level assurance, but is not a guarantee that an audit conducted in accordance with SSAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with SSAs, we exercise professional judgement and maintain professional scepticism throughout the audit. We also:

- (a) Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- (b) Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Association's internal control.
- (c) Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the Council members.

**Independent auditor's report to the member of
ACADEMY OF ENGINEERING, SINGAPORE**
UEN No. T11SS0118B

Report on the Audit of the Financial Statements (continued)

Auditors' Responsibilities for the Audit of the Financial Statements (continued)

- (d) Conclude on the appropriateness of the Council members' use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Association's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Association to cease to continue as a going concern.
- (e) Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with the Council members regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

Report on Other Legal and Regulatory Requirements

In our opinion, the accounting and other records required to be kept by the Association have been properly kept in accordance with the provisions of the Societies Act and the Charities Act and the Regulations.

During the financial year ended 31 December 2022, the Association had not conducted any fund-raising appeals for which proper accounts and other records of fund-raising appeals are required to be maintained in accordance with the requirements of Regulation 6 of the Societies Regulations issued under the Societies Act and Regulation 7 of the Charities (Fund-Raising Appeals for Local and Foreign Charitable Purposes) Regulations 2012.



Public Accountants and
Chartered Accountants
Singapore

21 July 2023

Name of engagement director: Low Xiachao

ACADEMY OF ENGINEERING, SINGAPORE
UEN No. T11SS0118B

Statement of financial position
as at 31 December 2022

	Note	2022 S\$	2021 S\$ (Note 7)
ASSET			
Current asset			
Bank balances		<u>102,262</u>	<u>66,088</u>
LIABILITY AND FUND			
Current liability			
Accrued operating expenses		<u>2,600</u>	<u>2,600</u>
Unrestricted fund			
General fund		<u>99,662</u>	<u>63,488</u>
Total liability and fund		<u>102,262</u>	<u>66,088</u>

The accompanying notes form an integral part of these financial statements.

ACADEMY OF ENGINEERING, SINGAPORE
 UEN No. T11SS0118B

Statement of comprehensive income
 for the financial year ended 31 December 2022

	Note	2022 S\$	2021 S\$ (Note 7)
General donations		45,500	29,000
General expenses	3	(9,326)	(10,006)
Surplus for the financial year, representing total comprehensive income for the financial year		<u>36,174</u>	<u>18,994</u>

The accompanying notes form an integral part of these financial statements.

ACADEMY OF ENGINEERING, SINGAPORE
UEN No. T11SS0118B

Statement of changes in fund
for the financial year ended 31 December 2022

	General fund S\$
At 1 January 2022	63,488
Surplus for the financial year	36,174
At 31 December 2022	<u>99,662</u>
At 1 January 2021	44,494
Surplus for the financial year	18,994
At 31 December 2021(Note 7)	<u>63,488</u>

The accompanying notes form an integral part of these financial statements.

ACADEMY OF ENGINEERING, SINGAPORE
UEN No. T11SS0118B

Statement of cash flows
for the financial year ended 31 December 2022

	2022 S\$	2021 S\$ (Note 7)
Cash flows from operating activities		
Surplus before income tax representing net operating cash flows before changes in working capital	36,174	18,994
Changes in working capital:		
Accrued operating expenses	-	(10,165)
Net cash from operating activities	<u>36,174</u>	<u>8,829</u>
Cash flows from investing activity	<u>-</u>	<u>-</u>
Cash flows from financing activity	<u>-</u>	<u>-</u>
Net increase in cash and cash equivalents	36,174	8,829
Cash and cash equivalents at the beginning of financial year	<u>66,088</u>	<u>57,259</u>
Cash and cash equivalents, representing bank balances at the end of financial year	<u>102,262</u>	<u>66,088</u>

The accompanying notes form an integral part of these financial statements.

ACADEMY OF ENGINEERING, SINGAPORE

UEN No. T11SS0118B

Notes to the financial statements for the financial year ended 31 December 2022

These notes form an integral part of and should be read in conjunction with the accompanying financial statements.

1. General

Academy of Engineering, Singapore (the “Association”) is domiciled and registered in Singapore with its place of business and registered office address at 70 Bukit Tinggi Road, C/O Association of Engineering, Singapore 289758. It is registered as a Society under the Societies Act, Chapter 311 in Singapore on 16 June 2011. It is an approved charitable organisation under the Charities Act, Chapter 37, with effect from 15 November 2012 and its income is exempted from income tax subject to compliance with certain provisions of the Singapore Income Tax Act, Chapter 134.

The principal activities of the Association are to promote, assist, and coordinate the activities to advance and promote excellence in Engineering in Singapore. There have been no significant changes in the nature of these activities during the financial year.

The Association was granted the Institute of Public Character (IPC) status and is qualified to issue tax deductible receipts for outright donations designated for its engineering related programmes as stated in its objects of Constitution. This status was granted from 14 February 2013 to 13 February 2015. The Association’s IPC was not renewed since its expiry.

The Council Members at this report date are as follows:

President	Professor Ho Teck Hua
Secretary	Professor Aaron Thean
Treasurer	Professor Liu Bin
Ex-Officio President IES	Mr Dalson Chung
Immediate Past President IES	Dr Richard Kwok
Ordinary Member	Professor Chong Hee Kiat
Ordinary Member	Professor Chong Kee Sen
Ordinary Member	Professor Chong Tow Chong
Ordinary Member	Professor Chou Siaw Kiang
Ordinary Member	Professor Er Meng Hwa
Ordinary Member	Professor Hang Chang Chieh
Ordinary Member	Professor Lee Der-Hong
Ordinary Member	Dr Lee Shiang Long
Ordinary Member	Mr Seah Moon Ming
Ordinary Member	Professor Andrew Nee
Ordinary Member	Professor Yeoh Lean Weng

2. Summary of significant accounting policies

2.1 Basis of preparation

The financial statements of the Association have been drawn up in accordance with the Financial Reporting Standards in Singapore (“FRS”). The financial statements have been prepared on the historical cost basis except as disclosed in the accounting policies below.

ACADEMY OF ENGINEERING, SINGAPORE

UEN No. T11SS0118B

Notes to the financial statements
for the financial year ended 31 December 2022

2. Summary of significant accounting policies (continued)

2.1 Basis of preparation (continued)

The financial statements are presented in Singapore dollar (“S\$”), which is the Association’s functional currency. All financial information presented are denominated in Singapore dollar unless otherwise stated.

2.2 Adoption of new and amended standards and interpretations

The accounting policies adopted are consistent with those of the previous financial year except in the current financial year, the Association has adopted all the new and amended standards which are relevant to the Association and are effective for annual financial periods beginning on or after 1 January 2022. The adoption of this standards did not have any material effect on the financial performance or position of the Association.

The Association has not adopted the following Standards applicable to the Association that have been issued but not yet effective:

<u>Description</u>	<u>Effective for annual periods beginning on or after</u>
Amendments to FRS 117 <i>Insurance Contracts</i>	1 January 2023
Amendments to FRS 1 and FRS Practice Statement 2 <i>Disclosure of Accounting Policies</i>	1 January 2023
Amendments to FRS 8 <i>Definition of Accounting Estimates</i>	1 January 2023
Amendments to FRS 12 <i>Deferred Tax related to Assets and Liabilities arising from a Single Transaction</i>	1 January 2023
Amendment to FRS 117 <i>Initial Application of FRS 117 and FRS 109 - Comparative Information</i>	1 January 2023
Amendments to FRS 1 <i>Classification of Liabilities as Current or Non-current</i>	1 January 2024
Amendments to FRS 116 <i>Lease Liability in a Sale and Leaseback</i>	1 January 2024
Amendments to FRS 1 <i>Non-Current Liabilities with Covenants</i>	1 January 2024
Amendments to FRS 7 and FRS 107 <i>Supplier Finance Arrangements</i>	1 January 2024
Amendments to FRS 110 and FRS 28 <i>Sale or Contribution of Assets between an Investor and its Associate or Joint Venture</i>	Date to be determined

The Council members expect that the adoption of the other standards above will have no material impact on the financial statements in the period of initial application.

ACADEMY OF ENGINEERING, SINGAPORE

UEN No. T11SS0118B

Notes to the financial statements
for the financial year ended 31 December 2022

2. Summary of significant accounting policies (continued)

2.4 Financial instruments

(a) Financial assets

Initial recognition and measurement

Financial assets are recognised when, and only when the Association becomes a party to the contractual provisions of the financial instruments.

At initial recognition, the Association measures a financial asset at its fair value plus, in the case of a financial asset not at fair value through profit or loss ("FVPL"), transaction costs that are directly attributable to the acquisition of the financial asset. Transaction costs of financial assets carried at FVPL are expensed in profit or loss.

Financial assets are recognised when, and only when the Association becomes a party to the contractual provisions of the financial instruments.

At initial recognition, the Association measures a financial asset at its fair value plus, in the case of a financial asset not at fair value through profit or loss ("FVPL"), transaction costs that are directly attributable to the acquisition of the financial asset. Transaction costs of financial assets carried at FVPL are expensed in profit or loss.

Subsequent measurement

Subsequent measurement of debt instruments depends on the Association's business model for managing the asset and the contractual cash flow characteristics of the asset. The three measurement categories for classification of debt instruments are amortised cost, fair value through other comprehensive income (FVOCI) and FVPL. The Association only has debt instruments at amortised cost.

Financial assets that are held for the collection of contractual cash flows where those cash flows represent solely payments of principal and interest are measured at amortised cost. Financial assets comprise of bank balances, are measured at amortised cost using the effective interest method, less impairment. Gains and losses are recognised in profit or loss when the assets are derecognised or impaired, and through amortisation process.

Derecognition

A financial asset is derecognised where the contractual right to receive cash flows from the asset has expired. On derecognition of a financial asset in its entirety, the difference between the carrying amount and the sum of the consideration received and any cumulative gain or loss that had been recognised in other comprehensive income for debt instruments is recognised in profit or loss.

Notes to the financial statements
for the financial year ended 31 December 2022

2. Summary of significant accounting policies (continued)

2.4 Financial instruments (continued)

(b) Financial liabilities

Initial recognition and measurement

Financial liabilities are recognised when, and only when, the Association becomes a party to the contractual provisions of the financial instrument. The Association determines the classification of its financial liabilities at initial recognition.

All financial liabilities are recognised initially at fair value plus in the case of financial liabilities not at FVPL, directly attributable transaction costs.

Subsequent measurement

After initial recognition, financial liabilities that are not carried at FVPL are subsequently measured at amortised cost using the effective interest method. Gains and losses are recognised in profit or loss when the liabilities are derecognised, and through the amortisation process.

Derecognition

A financial liability is derecognised when the obligation under the liability is discharged or cancelled or expires. On derecognition, the difference between the carrying amounts and the consideration paid is recognised in profit or loss.

(c) Offsetting of financial instruments

Financial assets and liabilities are offset and the net amount reported on the statement of financial position when there is a legally enforceable right to offset and there is an intention to settle on a net basis or realise the asset and settle the liability simultaneously.

2.5 Impairment of financial assets

The Association recognises an allowance for expected credit losses (ECLs) for all debt instruments not held at FVPL. ECLs are based on the difference between the contractual cash flows due in accordance with the contract and all the cash flows that the Association expects to receive, discounted at an approximation of the original effective interest rate. The expected cash flows will include cash flows from the sale of collateral held or other credit enhancements that are integral to the contractual terms.

ECLs are recognised in two stages. For credit exposures for which there has not been a significant increase in credit risk since initial recognition, ECLs are provided for credit losses that result from default events that are possible within the next 12-months (a 12-month ECL). For those credit exposures for which there has been a significant increase in credit risk since initial recognition, a loss allowance is recognised for credit losses expected over the remaining life of the exposure, irrespective of timing of the default (a lifetime ECL).

ACADEMY OF ENGINEERING, SINGAPORE
UEN No. T11SS0118B

Notes to the financial statements
for the financial year ended 31 December 2022

2. Summary of significant accounting policies (continued)

2.6 Provisions

Provisions are recognised when the Association has a present obligation (legal or constructive) as a result of a past event, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and the amount of the obligation can be estimated reliably.

Provisions are reviewed at the end of each reporting period and adjusted to reflect the current best estimate. If it is no longer probable that an outflow of economic resources will be required to settle the obligation, the provision is reversed. If the effect of the time value of money is material, provisions are discounted using a current pre-tax rate that reflects, where appropriate, the risks specific to the liability. When discounting is used, the increase in the provision due to the passage of time is recognised as a finance cost.

2.7 Revenue recognition

Revenue is measured based on the consideration to which the Association expects to be entitled in exchange for transferring promised goods or services to a customer, excluding amounts collected on behalf of third parties.

Revenue is recognised when the Association satisfies a performance obligation by transferring a promised good or service to the customer, which is when the customer obtains control of the good or service. A performance obligation may be satisfied at a point in time or over time. The amount of revenue recognised is the amount allocated to the satisfied performance obligation.

Donation income

Donation income is recognised on a receipt basis or collection basis.

3. General expenses

This is determined after charging the following:

	2022 S\$	2021 S\$
Printing of newsletter	5,136	5,350
Website development	1,370	1,370
Honorarium	-	250

ACADEMY OF ENGINEERING, SINGAPORE
UEN No. T11SS0118B

Notes to the financial statements
for the financial year ended 31 December 2022

4. Financial risk management

The Association's activities expose it to a variety of financial risks from its operations. The key is credit risk and liquidity risk. The Association's overall risk management objective is to focus on the unpredictability of financial markets and seeks to minimise potential adverse effects on the financial performance of the Association. The Association does not have a formal risk management policies and guidelines.

(a) Credit risk

The Association has no significant concentrations of credit risk. Cash is placed with established financial institutions. The maximum exposure to credit risk is represented by the carrying amount of each financial assets in the statement of financial position.

The Association manages credit loss based on Expected Credit Loss ("ECL") model.

The Council Members assess that there are no material ECL on bank balances.

(b) Liquidity risk

Liquidity risk refers to the risk that the Association will encounter difficulties in meeting its short-term obligations due to shortage of funds. The Association's exposure to liquidity risk arises primarily from mismatches of the maturities of financial assets and liabilities. It is managed by matching the payment and receipt cycles.

The Association manages its liquidity risk and maintaining an adequate level of bank balances deemed adequate by the Council Members to finance its activities and to mitigate the effects of fluctuations in cash flows. At the statement of financial position date, asset held by the Association for managing liquidity risk included bank balances.

5. Fair values

The carrying amount of financial assets and financial liabilities are recorded in the financial statements at their approximate fair values, determined in accordance with the accounting policies disclosed in Note 2 to the financial statement.

6. Financial instruments by category

At the end of the reporting period, the aggregate carrying amounts of financial assets and financial liabilities at amortised cost were as follows:

	2022	2021
	S\$	S\$
<i>Financial asset</i>		
Bank balances	102,262	66,088
<i>Financial liability</i>		
Accrued operating expenses	2,600	2,600

ACADEMY OF ENGINEERING, SINGAPORE
UEN No. T11SS0118B

Notes to the financial statements
for the financial year ended 31 December 2022

7. Comparative figures

Prior year comparatives have been audited by another firm of public accountants.

8. Authorisation of financial statements for issue

The financial statements for the financial year ended 31 December 2022 were authorised in accordance with a resolution of the Council members of the Association on 21 July 2023.

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Annex C

Changes to the Academy of Engineering (SAEng) Constitution

Drafted 27 February 2023

It came to our attention that the version of the Constitution that we are adopting is not the same as the one on the Registry of Societies (ROS) as it was not officially updated and cleared with Charities and ROS. In ROS' perspective, we are therefore not abiding by our Constitution. This document details the inconsistencies between the two versions and seeks to confirm the final version of the Constitution.

Legend:

- **Yellow highlights:** Inconsistencies / to Amend
- **Green highlights:** Proposed revised version

SAEng ExCo		
Current on ROS	Unofficial Revised Version	Remarks
8.1 The administration of the Academy shall be entrusted to a Committee consisting of the following to be elected at alternate Annual General Meeting: A President A Vice-President A Secretary An Assistant Secretary A Treasurer An Ex-officio – President IES Ordinary Member 1 Ordinary Member 2 Ordinary Member 3	8.1 The administration of the Academy shall be entrusted to a Committee consisting of the following to be elected at alternate Annual General Meeting: A President A Vice-President A Secretary A Treasurer An Ex-officio – President IES Ordinary Committee Members	To change to: 8.1 The administration of the Academy shall be entrusted to a Committee consisting of the following to be elected at alternate Annual General Meeting: A President A Secretary A Treasurer An Ex-officio – President IES An Ex-officio – Immediate Past President IES 12 Ordinary Committee Members
9.1 The President shall chair all General and Committee meetings. He shall also represent the Academy in its dealings with outside persons. 9.2 The Vice-President shall assist the President and deputise for him in his absence. 9.3 The Secretary shall keep all records, except financial, of the Academy and shall be responsible for their		To remove Vice-President's roles T/N: Three key roles required: President, Secretary, Treasurer

<p>correctness. He will keep minutes of all General and Committee meetings. He shall maintain an up-to-date Register of Fellows at all times.</p> <p>9.4 The Treasurer shall keep all funds and collect and disburse all moneys on behalf of the Academy and shall keep an account of all monetary transactions and shall be responsible for their correctness. He is authorised to expend up to \$2,000 per month for petty expenses on behalf of the Academy. He will not keep more than \$1,000 in the form of cash and money in excess of this will be deposited in a bank to be named by the Committee. Cheques, etc. for withdrawals from the bank will be signed by the Treasurer and either the President or the Vice-President or the Academy.</p>	
<p>8.6 The duty of the Committee is to organise and supervise the daily activities of the Academy. The Committee may not act contrary to the expressed wishes of the General Meeting without prior reference to it and shall always remain subordinate to the General Meetings</p> <p>a) Whenever a member of the Committee is in any way, directly or indirectly, has an interest in a transaction or a project or other matter to be discussed at a meeting, the member shall disclose the nature of his interest before the discussion on the matter begins.</p> <p>b) The member concerned should not participate in the discussion or vote on the matter, and should also offer to withdraw from the meeting and Committee shall decide if this should be accepted</p>	<p>8.6 The duty of the Committee is to organise and supervise the daily activities of the Academy. The Committee may not act contrary to the expressed wishes of the General Meeting without prior reference to it and shall always remain subordinate to the General Meetings.</p>
<p>N/A</p>	<p>ANNEX</p> <p>For the categories of societies listed below, the majority of the Committee Members must be Singapore Citizens. In</p>

	<p>addition, the President, Secretary, Treasurer and their deputies shall be Singapore Citizens or Singapore Permanent Residents. Foreign Diplomats shall not serve as Committee Members.</p> <ul style="list-style-type: none">a) Religious societiesb) b) Societies which identify themselves publicly as or whose membership is confined exclusively to members of a single racial groupc) Any society whose object, purpose or activity, whether primary or otherwise, is to represent; promote any cause or interest of; or discuss any issue relating to a class of persons defined by reference to their gender or sexual orientationd) Any society whose object, purpose or activity, whether primary or otherwise, is to represent persons who advocate; promote; or discuss any issue relating to any civil or political right (including human rights, environmental rights and animal rights) <p>Any society whose object, purpose or activity, whether primary or otherwise, is to promote or discuss the use or status of any language</p>	
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Objectives of SAEng / SAEng Partners		
Current on ROS	Unofficial Revised Version	Remarks
<p>3.1 Its objects are:</p> <ul style="list-style-type: none"> a) Advance and promote excellence in engineering b) Work to improve public awareness and understanding of engineering c) To use international partnerships to ensure that Singapore benefits from international networks, expertise and investment. d) helping to strengthen Singapore's skills and knowledge base in order to support the long-term development of industry and society, 	<p>3.1 Its objects are:</p> <ul style="list-style-type: none"> a) monitoring, analyzing and evaluating technological / economic developments and potentials in Singapore and globally, b) initiating and conducting studies of technical and economic issues, c) advising on engineering education, research, development and innovation, d) helping to strengthen Singapore's skills and knowledge base in order to support the long-term development of industry and society, e) developing and maintaining effective relations with other professional engineering organizations, academies and learned societies in Singapore, and abroad, f) recognizing excellence in engineering contributions to the Singapore economy. 	
<p>3.3 In furtherance of the above subjects, the Academy may do all such things which are incidental or conducive to the attainment of the objects, and particularly as follows:</p> <ul style="list-style-type: none"> a) monitoring, analyzing and evaluating technological / economic developments and potentials in Singapore and globally, b) initiating and conducting studies of technical and economic issues, c) advising on engineering education, research, development and innovation, d) helping to strengthen Singapore's skills and knowledge base in order to support the 	<p>3.3 in furtherance of the above subjects, the Academy shall work closely with the Institution of Engineering Singapore (IES). This intention shall be facilitated by co-opting the servicing President of the Institution as an Ex-officio member of the Management Committee</p>	<p>3.3 in furtherance of the above subjects, the Academy shall work closely with the Institution of Engineering Singapore (IES). This intention shall be facilitated by co-opting the servicing President and Immediate Past President of the Institution as an Ex-officio member of the Management Committee</p>

long-term development of industry and society, e) developing and maintaining effective relations with other professional engineering organizations, academies and learned societies in Singapore, and abroad, f) recognizing excellence in engineering contributions to the Singapore economy.		
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Details of Fellows / Meetings		
Current on ROS	Unofficial Revised Version	Remarks
4.1 At any time, there should be no more than 100 Fellows who are below the age of 70	4.1 At any time, there should be no more than 150 Fellows who are below the age of 70.	
7.2 An Annual General Meeting (AGM) shall be held within 3 months after the close of the financial year.	7.2 An Annual General Meeting shall be held on June each year and no later than 15 months from the last AGM.	T/N: AGM must have at least 30 Fellows. (25% of 148 = 37) to edit constitution
8.4 A Committee Meeting shall be held at least once every three months after giving seven (7) days' notice to Committee Members. The President may call a Committee Meeting at any time by giving five (5) days' notice. Majority of the Committee Members must be present for its proceedings to be valid.		To cut down on the number of ExCo meetings. 8.4 A Committee Meeting shall be held at least once a year, after giving seven (7) days' notice to Committee Members. The President may call a Committee Meeting at anytime by giving five (5) days' notice. Majority of the Committee Members must be present for its proceedings to be valid.

Charities as an institution to inform – missing from revised version

Current on ROS	Unofficial Revised Version	Remarks
<p>8.5 Any member of the Committee absenting himself from three (3) meetings consecutively without satisfactory explanations shall be deemed to have withdrawn from the Committee and a successor may be co-opted by the Committee to serve until the next Annual General Meeting. Any changes in the Committee shall be notified to the Registrar of Societies and the Commissioner of Charities within two (2) weeks of the change.</p>	<p>8.5 Any member of the Committee absenting himself from three (3) meetings consecutively without satisfactory explanations shall be deemed to have withdrawn from the Committee and a successor may be co-opted by the Committee to serve until the next Annual General Meeting. Any changes in the Committee shall be notified to the Registrar of Societies within two (2) weeks of the change.</p>	
<p>11.4 Notice of any proposal to remove a trustee from his trusteeship or to appoint a new trustee to fill a vacancy must be given by posting it on the notice board in the Academy's premises at least two (2) weeks before the General Meeting at which the proposal is to be discussed. The result of such General Meeting shall then be notified to the Registrar of Societies and the Commissioner of Charities.</p> <p>11.5 The address of each immovable property, name of each trustee and any subsequent change must be notified to the Registrar of Societies and the Commissioner of Charities.</p>	<p>11.4 Notice of any proposal to remove a trustee from his trusteeship or to appoint a new trustee to fill a vacancy must be given by posting it on the notice board in the Academy's premises at least two (2) weeks before the General Meeting at which the proposal is to be discussed. The result of such General Meeting shall then be notified to the Registrar of Societies.</p> <p>11.5 The address of each immovable property, name of each trustee and any subsequent change must be notified to the Registrar of Societies.</p>	
<p>13.1 The Academy shall not amend its Constitution without the prior approval in writing of the Registrar of Societies and the Commissioner of Charities. No alteration or addition/deletion to this Constitution shall be passed except at a general meeting and with the consent of two-thirds (2/3) of the voting Fellows present at the General Meeting.</p>	<p>13.1 The Academy shall not amend its Constitution without the prior approval in writing of the Registrar of Societies. No alteration or addition/deletion to this Constitution shall be passed except at a general meeting and with the consent of two-thirds (2/3) of the voting Fellows present at the General Meeting.</p>	

<p>CESSATION OF CHARITY STATUS</p> <p>16.1 In the event that the Society ceases to be a registered charity under the Charities Act, all debts, liabilities legally incurred on behalf of the Society shall be fully discharged, and the remaining funds will be contributed to charitable organizations with similar objectives in Singapore which are registered under the Charities Act as the members of the Society may determine at the general meeting, unless otherwise allowed by the Commissioner of Charities.</p>	N/A	
<p>17.2 In the event of the Academy being dissolved as provided above, all debts and liabilities legally incurred on behalf of the Society shall be fully discharged, and the remaining funds will be donated to charitable organizations with similar objectives in Singapore which are registered under the Charities Act as the General Meeting of members may determine.</p> <p>17.3 A Certificate of Dissolution shall be given within seven (7) days of the dissolution to the Registrar of Societies and the Commissioner of Charities.</p>	<p>16.2 In the event of the Academy being dissolved as provided above, all debts and liabilities legally incurred on behalf of the Academy shall be fully discharged, and the remaining funds will be disposed of in such manner as the General Meeting of Fellows may determine or donated to an approved charity or charities in Singapore.</p> <p>16.3 A Certificate of Dissolution shall be given within seven (7) days of the dissolution to the Registrar of Societies.</p>	

Others - 4.2 Typos