



IEM

The Institution of Engineers, Malaysia



THE INSTITUTION OF ENGINEERS, MALAYSIA
INSTITUSI JURUTERA MALAYSIA



2024 IEM

65th Annual Report
Laporan Tahunan Ke-65

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**PAST PRESIDENT
 Bekas Yang Dipertua**

Sessions	Past Presidents
1959/62	Allahyarham Tan Sri Ir. (Dr.) Haji Yusoff bin Haji Ibrahim
1962/64	Allahyarham Raja Tan Sri Ir. Zainal bin Raja Sulaiman
1964/66	Late Ir. Thean Lip Thong
1966/68	Late Tan Sri Datuk Ir. Prof. Dr. Chin Fung Kee
1968/69	Late Ir. Ow Yang Hong Chiew
1969/70	Late Ir. Chan Peng Khuen
1970/72	Allahyarham Tan Sri Dato' (Dr.) Ir. Haji Abu Zarim bin Haji Omar
1972/74	Late Academician Tan Sri Ir. (Dr.) J. G. Daniel
1974/75	Allahyarham Tan Sri Datuk Ir. Haji Halaluddin bin Mohd. Ishak
1975/77	Late Ir. Chan Khee Pok
Apr–Dec 1977	Allahyarham Tan Sri Datuk Ir. Mahfoz bin Khalid
1977/79	Allahyarham Ir. Tuan Haji Mohd. Razali bin Bidin
1979/81	Late Ir. Wong Kin Hong
1981/82	Late Ir. Chiam Teong Tee
1982/84	Allahyarham Tan Sri Datuk Ir. Haji Mohd Hassan bin Abdul Wahab
1984/86	Late Y.Bhg. Dato' Ir. Pang Leong Hoon
1986/88	Allahyarham Ir. Tuan Haji Abdul Rahman bin Yaacob
1988/90	Y.Bhg. Academician Dato' Ir. Lee Yee Cheong

Sessions	Past Presidents
1990/92	Allahyarham Dato' Ir. Mustafa bin Ahmad
1992/93	Ir. Chong Pick Eng (P.E. Chong)
1993/95	Y.Bhg. Dato' Ir. Abdul Rashid bin Ahmad
1995/97	Ir. Dr. Ting Wen Hui
1997/99	Allahyarham Ir. Haji Mohd. Mazlan bin Md. Ismail Merican
1999/01	Y.Bhg. Academician Tan Sri Datuk Ir. (Dr.) Haji Ahmad Zaidee bin Laidin
2001/03	Y.Bhg. Dato' Ir. Dr. Gue See Sew
2003/05	Y.Bhg. Dato' Ir. Prof. Abang Abdullah bin Abang Ali
2005/07	Y.Bhg. Datuk Ir. Prof. Dr. Ow Chee Sheng
2007/09	Y.Bhg. Dato' Paduka Ir. Prof. (Dr.) Haji Keizrul bin Abdullah
2009/11	Y.Bhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik
2011/13	Ir. Vincent Chen Kim Kieong
2013/14	Ir. Choo Kok Beng
2014/16	Y.Bhg. Dato' Ir. Lim Chow Hock
2016/18	Ir. Dr. Tan Yean Chin
2018/20	Ir. David Lai Kong Phooi
2020/22	Ir. Ong Ching Loon

**IEM DISTINGUISHED HONORARY FELLOW
 Fellow Kehormat Tertinggi, IEM**

Year	Name Of Recipient
2003	Y.A.B. Tun Dr. Mahathir bin Mohamed
2010	Y.Bhg. Academician Dato' Ir. Lee Yee Cheong

Year	Name Of Recipient
2022	Y.Bhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik

IEM HONORARY FELLOW
Fellow Kehormat, IEM

Year	Name Of Recipient
1981	Allahyarham Tan Sri Ir. (Dr.) Haji Yusoff bin Haji Ibrahim
1981	Allahyarham Raja Tan Sri Ir. Zainal bin Raja Sulaiman
1981	Late Ir. Thean Lip Thong
1981	Late Tan Sri Datuk Ir. Prof. Dr. Chin Fung Kee
1982	Allahyarham Tan Sri Dato' (Dr.) Ir. Haji Abu Zarim bin Haji Omar
1982	Late Academician Tan Sri Ir. (Dr.) J. G. Daniel
1984	Y.A.B. Tun Dr. Mahathir bin Mohamed <i>(transferred to Grade of Distinguished Hon Fellow in 2004)</i>
1986	Late Ir. Chiam Teong Tee
1986	Allahyarham Tan Sri Datuk Ir. Haji Mohd. Hassan bin Abdul Wahab
1988	Allahyarham Tun Hussein Onn
1989	Al-Marhum Paduka Seri Sultan Azlan Muhibbuddin Shah Ibni al-Marhum Sultan Yussuf Izzuddin Shah Ghafarullahu-Lah
1991	Late Y.Bhg. Dato' Ir. Pang Leong Hoon
1991	Prof. Dr. Ing. B. J. Habibie
1993	Allahyarham Dato' Ir. Mustafa bin Ahmad <i>(posthumous)</i>
1993	Y.Bhg. Tan Sri Dato' Ir. (Dr.) Shamsuddin bin Abdul Kadir
1993	Y.Bhg. Academician Dato' Ir. Lee Yee Cheong <i>(transferred to Grade of Distinguished Hon Fellow in 2010)</i>
1994	Al-Marhum Tuanku Ja'afar Ibni al-Marhum Tuanku Abdul Rahman
1995	Y.Bhg. Datuk Amar (Dr.) Leo Moggie
1998	Y.A.Bhg. Tun Daim Zainuddin
2001	Y.A.Bhg. Dato' Seri Abdullah bin Haji Ahmad Badawi
2003	Y.Bhg. Dato' Seri Law Hieng Ding
2004	Y.Bhg. Datuk Tham Nyip Shen
2006	Late Ir. Teoh Cheng Hock (Ir. C.H. Teoh) <i>(posthumous)</i>
2007	Y.Bhg. Tan Sri Dato' Ir. Haji Zaini bin Omar
2008	Y.A.Bhg. Pehin Seri Tan Sri Dr. Haji Abdul Taib bin Mahmud
2008	Y.A.Bhg. Datuk Seri Panglima Musa bin Haji Aman
2008	Y.A.Bhg. Dato' Seri Ir. Hj. Mohammad Nizar bin Jamaluddin

Year	Name Of Recipient
2009	Y.Bhg. Dato' Sri Ir. Mohd Zin bin Mohamed
2012	Y.Bhg. Dato' Ir. Donald Lim Siang Chai
2012	Ir. Dr. Ooi Teik Aun
2012	Late Ir. Ow Yang Hong Chiew <i>(posthumous)</i>
2012	Late Ir. Chan Peng Khuen <i>(posthumous)</i>
2012	Allahyarham Tan Sri Datuk Ir. Haji Halaluddin bin Mohd Ishak <i>(posthumous)</i>
2012	Late Ir. Chan Khee Pok <i>(posthumous)</i>
2012	Allahyarham Tan Sri Datuk Ir. Mahfoz bin Khalid <i>(posthumous)</i>
2012	Allahyarham Ir. Haji Mohd. Razali bin Bidin <i>(posthumous)</i>
2012	Late Ir. Wong Kin Hong <i>(posthumous)</i>
2012	Allahyarham Ir. Haji Abdul Rahman bin Yaacob
2012	Ir. Chong Pick Eng (P.E. Chong)
2012	Y.Bhg. Dato' Ir. Abdul Rashid bin Ahmad
2012	Ir. Dr. Ting Wen Hui
2012	Allahyarham Ir. Haji Mohd Mazlan bin Md. Ismail Merican
2012	Y.Bhg. Academician Tan Sri Datuk Ir. (Dr.) Haji Ahmad Zaidee bin Laidin
2012	Y.Bhg. Dato' Ir. Dr. Gue See Sew
2012	Y.Bhg. Dato' Ir. Prof. Abang Abdullah bin Abang Ali
2012	Y.Bhg. Datuk Ir. Prof. Dr. Ow Chee Sheng
2012	Y.Bhg. Dato' Paduka Ir. Prof. (Dr.) Haji Keizrul bin Abdullah
2013	Y.Bhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik <i>(transferred to Grade of Distinguished Hon Fellow in 2022)</i>
2013	Y.Bhg. Dato' Seri Ir. Mohd Noor bin Yaakob
2014	Ir. Vincent Chen Kim Kieong
2014	Y.Bhg. Dato' Sri Ir. Dr. Judin bin Abdul Karim
2014	Y.Bhg. Tan Sri Dato' Ir. Dr. Gan Thian Leong
2014	Allahyarham Dato' Ir. Prof. Dr. Radin Umar bin Radin Sohadi <i>(posthumous)</i>
2015	Y.Bhg. Tan Sri Dato' Seri Jeffrey Cheah Fook Ling AO

Year	Name Of Recipient
2016	Y.Bhg. Dato' Ir. Donald Lim Siang Chai
2016	Ir. Choo Kok Beng
2017	Mr. Antonio Guterres
2017	Professor Dr. Shahbaz Khan
2018	Ir. Khoo Choong Keow
2019	Late Ir. M. C. Hee (<i>posthumous</i>)
2019	Y.Bhg. Dato' Ir. Lim Chow Hock

Year	Name Of Recipient
2020	Ir. Dr. Tan Yean Chin
2021	Y.Bhg. Datuk Ir. Mohd Zulkefly bin Sulaiman
2022	Ir. David Lai Kong Phooi
2023	Y.A.Bhg. Datuk Seri Fadillah Yusof
2023	Y.Bhg. Dato' Seri Ir. Dr. Zaini Ujang
2023	Y.B. Tuan Zairil bin Khir Johari
2023	Y.Bhg. Dato' Ir. Ahmad Redza bin Ghulam Rasool

IEM HONORARY MEMBER Ahli Kehormat, IEM

Year	Name Of Recipient
2009	Late Master Yeoh Tong Eng
2012	En. Mohd. Annuar bin Taib
2012	Y.Bhg. Dato' Hj. Abd. Halim bin Hj. Abd. Latif
2012	Y.Bhg. Dato' Baharudin bin Sariman
2012	Y.Bhg. Dato' Gan Boon Khuay
2012	Puan Salmah binti Mohd Taufik
2013	Y.Bhg. Dato' Prof. Dr. Mohd Noh bin Dalimin

Year	Name Of Recipient
2013	Y.Bhg. Dato' Dr. Mohamad bin Hashim
2014	Y.Bhg. Dato' Lau Siu Wai
2014	Y.Bhg. Datuk Dr. Abu Bakar bin Mohamad Diah
2015	Y.Bhg. Datuk Professor Dr. Shahrin bin Sahib @ Sahibuddin
2017	Y.Bhg. Dato' Emeritus Professor Dr. Hassan Said
2019	Y.Bhg. Dato' Abdul Karim bin Mohd Tahir
2019	Mr. Lim Swee Ee

IEM DISTINGUISHED MEMBER Ahli Tertinggi, IEM

Year	Name Of Recipient
2013	Y.Bhg. Tan Sri Dato' Ir. Teo Chiang Kok

IEM'S VISION

The Institution of Engineers, Malaysia aims to be the premier learned engineering society championing the adoption of ethics and professional best practices in all sectors of the industry.

IEM'S MISSION

IEM shall promote sound professional engineering practice in support of the socio-economic development objectives of the nation.

IEM shall service the needs and interests of its members and the public and uphold the social standing and image of the engineering profession.

IEM shall contribute towards nation building and shall strive to enhance society's consciousness of science, engineering and technology.

IEM'S FUNCTIONS

IEM is a society established to promote and advance the Science and Profession of Engineering in any or all its disciplines and to facilitate the exchange of information and ideas related to Engineering.

IEM'S OBJECTIVES

The objectives of The Institution as set out in the Constitution shall include the following:-

- (a) to hold meetings, exhibitions and visits, and such other activities as The Institution may deem incidental or conducive to the promotion or attainment of the profession of engineering;
- (b) to raise the character and status and advance the interests of the profession of engineering and those engaged therein;
- (c) to communicate to members information on all matters affecting the profession of engineering and to print, publish, issue and circulate such publications as may seem conducive to any of the objectives of The Institution; and
- (d) to do such other things as the Institution may think incidental or conducive to the attainment of the objectives of The Institution.

IEM COUNCIL MEMBERS SESSION 2023/2024
Ahli Majlis IEM Sesi 2023/2024

Position	Name	
President	Ir. Prof. Dr. Norlida binti Buniyamin	
Deputy President	Ir. Prof. Dr. Jeffrey Chiang Choong Luin	
Vice Presidents	Ir. Mohd Khir bin Muhammad	Ir. Dr. Siti Hawa binti Hamzah
	Ir. Ts. Prof. Dr. Tan Chee Fai	Ir. Fam Yew Hin
	Ir. Abdul Razak bin Yakob	Ir. Chen Harn Shean
	Ir. Yau Chau Fong	
Honorary Secretary	Ir. Prof. Dr. Zuhaina binti Zakaria	
Honorary Treasurer	Ir. Ts. Prof. Dr. David Chuah Joon Huang	
Immediate Past President	Ir. Ong Ching Loon	
Past Presidents	YBhg. Academician Tan Sri Datuk Ir. (Dr.) Ahmad Zaidee bin Laidin	
	YBhg. Dato' Paduka Ir. Hj. (Dr.) Keizrul bin Abdullah	
	YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik	
	YBhg. Dato' Ir. Lim Chow Hock	
	Ir. Dr. Tan Yean Chin	
Council Member - Civil Rep	Ir. Tu Yong Eng	
Council Member - Mechanical Rep	Ir. Ng Yong Kong	
Council Member - Electrical Rep	Ir. Mohd. Aman bin Hj. Idris	
Council Member - Structural Rep	Ir. Dr. Tan Kuang Leong	
Council Member - Chemical Rep	Ir. Dr. Chong Chien Hwa	
Council Member - Other Disciplines Rep	Ir. Assoc. Prof. Dr. Wong Yew Hoong	
Council Member - Multimedia Rep	Ir. Assoc. Prof. Dr. Lai Khin Wee	
Council Members - Ordinary Rep	Ir. Dr. Vigna Kumaran a/l Ramachandaramurthy	Ir. Arul Hisham bin Abdul Rahim
	Ir. Assoc. Prof. Lee Tin Sin	Ir. Razmahwata bin Mohd Razalli
	Ir. Mah Way Sheng	Ir. Simon Yeong Chin Chow
	Ir. Sreedaran Raman	Ir. Dr. Chan Seong Phun
	Ir. Lee Cheng Pay	Ir. Yam Teong Sian
	Ir. Dr. Kannan a/l M. Munisamy	Ir. Kwok Yew Hoe
	Ir. Dr. Siow Chun Lim	Ir. Dr. Lee Choo Yong
	Ir. Wong Chee Fui	Ir. Sharifah Azlina binti Raja Kamal Pasmah
	Ir. Dr. Hum Yan Chai	Ir. Ts. Dr. Wan Syakirah binti Wan Abdullah
	Ir. Tiong Ngo Pu	Ir. Dr. Mui Kai Yin
	Ir. Rusnida binti Talib	Ir. Shamil bin Abu Hassan
	Ir. Prof. Dr. Lau Hieng Ho	Ir. Wan Rizaluddin Abdullah bin Wan Ali
	Ir. Muhammad Azmi bin Ayub	Ir. Prof. Dr. Lam Wei Haur
Council Member by Invitation	Ir. Lai Sze Ching	
	Ir. Gopal Narian Kutty	
	YBhg. Dato' Prof. Ir. Dr. Mohd Hamdi bin Abd Shukor	
Women Engineers Representative	Ir. Assoc. Prof. Eur. Ing. Ts. Dr. Syuhaida Ismail	
Young Engineers Representatives	Mr. Muhammad Ashiq Marecan bin Hamid Marecan, Grad. IEM	
	Mr. Lim Yiren, Grad. IEM	
	Mr. Darshan a/l Balasubramaniam, Grad. IEM	
	Mr. Chuah Pei Lim, Grad. IEM	
	Ms. Ong Ye Shian, Grad. IEM	
Branch Representatives	Ir. Chan Wah Cheong	(Penang Branch)
	Ir. Thayala Rajah a/l Selvaduray	(Southern Branch)
	Ir. Assoc. Prof. Dr. Nursyarizal bin Mohd Nor	(Perak Branch)
	Ir. Ab. Rahman bin Hashim	(Pahang Branch)
	Ir. Mazlan bin Che Ku Ahmad	(Terengganu Branch)
	Ir. Shahrin Amri bin Jahari	(Negeri Sembilan Branch)
	Ir. Ong Yee Pinn	(Melaka Branch)
	Ir. Sim Hui Kheng, Stephanie	(Sarawak Branch)
	Ir. Chin Tet Fu, Willy	(Sabah Branch)
	Ir. Chong Boon Hui	(Miri Branch)
	Ir. Roshasmawi bin Abdul Wahab	(Kedah-Perlis Branch)
	Ir. Abrizan bin Abdul Kadir	(Kelantan Branch)

7 March 2024

To all members of
The Institution of Engineers, Malaysia



**NOTICE OF 65th ANNUAL GENERAL MEETING (HYBRID)
SATURDAY, 20 APRIL 2024 at 9.00 am**

Ref No: IEM24/HQ/091/AGM (h), CPD: 4

In accordance with Section 7.5 of the Bylaws, notice is hereby given that the 65th Annual General Meeting of The Institution of Engineers, Malaysia shall be held on **Saturday, 20 April 2024 at 9.00 am at Wisma IEM / Zoom.**

The AGENDA for the HYBRID Annual General Meeting is as follows:-

1. Welcome Address by the President for Session 2023/2024.
2. Confirmation of Minutes of the 64th Annual General Meeting held on 15 April 2023.
3. Matters Arising.
4. Annual Report / Financial Statements for Session 2023/2024.
5. Proposed Amendments to the IEM Constitution.
6. Discussion on written issues from members of which written notice is submitted to reach IEM Secretariat by 13 April 2024. (Please note that no matters under this item shall be discussed, unless prior written notice is received by 13 April 2024. This is in accordance to the IEM Constitution & Bylaws).
7. Presentation of Results of Election for Council Session 2024/2025.
8. Presidential Address 2024/2025.

In order to cater for the HYBRID AGM, kindly be informed that the following SOPs are hereby instituted:

a) Annual Report

A soft copy of Annual Report will be sent to all members via email blast prior to the AGM. Members who wish to have a hard copy may collect on the AGM Day at **WISMA IEM** on a first-come-first-served basis as only a small number would be printed so as to be cost efficient and minimise wastage.

b) Pre-Registration

(i) **Online**

Members who wish to attend online are required to **pre-register** and a link to join the meeting online will be emailed to the registered member prior to the AGM date. Members can click on the link to join the meeting on the given date and time of the AGM. To register, please refer to IEM website:

65th Annual General Meeting of The Institution of Engineers, Malaysia (VIRTUAL) (Digital Platform)

By The Institution of Engineers, Malaysia

20 Apr 2024 (09:00:00 AM - 13:00:00 PM) (CPD: 4)

[more details](#)

(ii) **Physical**

Members who wish to attend physically, you are also required to **pre-register** as there is a need to confirm the number pax for catering purposes.

65th Annual General Meeting of The Institution of Engineers, Malaysia (PHYSICAL) (Wisma IEM, 03- CSETD Lecture Room, 2nd Floor, 04- TUSTD Lecture Room, 2nd Floor, 01- Auditorium Tan Sri Prof. Chin Fung Kee, 3rd Floor, 02- Auditorium Malakoff, Ground Floor, 09- D'Place)

By The Institution of Engineers, Malaysia

20 Apr 2024 (09:00:00 AM - 11:00:00 AM) (CPD: 4)

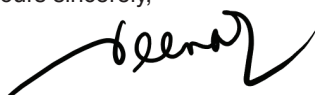
[more details](#)

c) Submission of Questions/Queries

Members are requested to submit question(s)/queries **at least seven (7) days** before the AGM. Response, if deemed necessary, will be provided during the AGM.

Thank you for your kind attention.

Yours sincerely,



Ir. Prof. Dr. Zuhaina binti Zakaria
Hon. Secretary

PROPOSED AMENDMENTS TO THE IEM CONSTITUTION
CADANGAN PINDAAN PERLEMBAGAAN IEM

EXISTING		PROPOSED AMENDMENT	
ARTICLE IV Sources of Income		ARTICLE IV Sources of Income	
4.2	Annual Subscriptions	4.2	Annual Subscriptions
4.2.1	The schedule of annual subscriptions and life composition fees payable by all members of The Institution shall be established by the Council from time to time and confirmed by votes of a simple majority of those present at the AGM. The schedule is as follows: For a student pursuing an engineering diploma/degree programme, the subscription fee shall be:	4.2.1	The schedule of annual subscriptions and life composition fees payable by all members of The Institution shall be established by the Council from time to time and confirmed by votes of a simple majority of those present at the AGM. The schedule is as follows: For a student pursuing an engineering and engineering technology diploma /degree programme, the subscription fee shall be:
Either		Either	
(a) one time student membership fee for the full duration of the programme	RM 50.00	(a) one time student membership fee for the full duration of the programme	RM 50.00
Or		Or	
Annual subscription fee	RM 20.00	Annual subscription fee	RM 20.00
		To add:	
		Article 4.2.2 For a student pursuing an engineering diploma programme, the subscription fee shall be:	
		Either	
		(a) one time student membership fee for the full duration of the programme	RM 30.00
		Or	
		Annual subscription fee	RM 20.00
4.2.2	The Council shall have the authority, in special cases, to grant extension of time for, or to excuse any member from, payment of subscriptions.	To be renumbered:	
		4.2.2	The Council shall have the authority, in special cases, to grant extension of time for, or to excuse any member from, payment of subscriptions.
		4.2.3	The Council shall have the authority, in special cases, to grant extension of time for, or to excuse any member from, payment of subscriptions.

JAWATANKUASA KERJA
(EXECUTIVE COMMITTEE OF COUNCIL)

Yang Dipertua

Ir. Prof. Dr. Norlida binti Buniyamin

Timbalan Yang Dipertua

Ir. Prof. Dr. Jeffrey Chiang Choong Luin

Naib Yang Dipertua

Ir. Mohd Khir bin Muhammad
Ir. Ts. Prof. Dr. Tan Chee Fai
Ir. Abdul Razak bin Yakob
Ir. Yau Chau Fong
Ir. Dr. Siti Hawa binti Hamzah
Ir. Fam Yew Hin
Ir. Chen Harn Shean

Setiausaha Kehormat

Ir. Prof. Dr. Zuhaina binti Zakaria

Bendahari Kehormat

Ir. Ts. Prof. Dr. David Chuah Joon Huang

Ahli-Ahli

Ir. Prof. Dr. Lau Hieng Ho
Ir. Wong Chee Fui
Ir. Yam Teong Sian
Ir. Simon Yeong Chin Chow
Ir. Ng Yong Kong
Ir. Dr. Siow Chun Lim
Ir. Tu Yong Eng
Ir. Dr. Vigna Kumaran a/l Ramachandaramurthy

LEMBAGA TABUNG PENDIDIKAN IEM
(BOARD OF MANAGEMENT – IEM EDUCATION FUND)

Pengerusi

Ir. Prof. Dr. Norlida binti Buniyamin

Timbalan Pengerusi

Ir. Prof. Dr. Jeffrey Chiang Choong Luin

Setiausaha Kehormat

Ir. Prof. Dr. Zuhaina binti Zakaria

Bendahari Kehormat

Ir. Ts. Prof. Dr. David Chuah Joon Huang

Ahli-Ahli

Ir. Mohd Khir bin Muhammad
Ir. Ts. Prof. Dr. Tan Chee Fai
Ir. Abdul Razak bin Yakob
Ir. Yau Chau Fong
Ir. Dr. Siti Hawa binti Hamzah
Ir. Fam Yew Hin
Ir. Chen Harn Shean

LEMBAGA TABUNG BENEVOLENT
(BOARD OF MANAGEMENT – IEM BENEVOLENT FUND)

Tidak dilantik (No appointment)

Ex-Officio

Timbalan Yang Dipertua, IEM
Pengerusi, Jawantakuasa Tetap Kebajikan dan Hal Ehwal
Perkhidmatan
Setiausaha Kehormat, IEM
Bendahari Kehormat, IEM

JURUAUDIT LUAR DAN JURUAUDIT DALAM KEHORMAT
(EXTERNAL AUDITORS AND HONORARY INTERNAL AUDITORS)

Juruaudit Luar

T&L Partners PLT
(Formerly known as CH International Chartered Accountants)

Juruaudit Dalam Kehormat

Ir. Ts. Prof. Dr. Teo Fang Yenn
Ir. Bernard Lim Kee Weng

JAWATANKUASA TETAP
 (STANDING COMMITTEE)

KEWANGAN
 (Finance)
Pengerusi

Ir. Prof. Dr. Jeffrey Chiang Choong Luin

Naib Pengerusi

Ir. Prof. Dr. Zuhaina binti Zakaria

Setiausaha

Ir. Ts. Prof. Dr. David Chuah Joon Huang

Ahli-Ahli

Ir. Assoc. Prof. Dr. Chong Chien Hwa

Ir. Yam Teong Sian

Ir. Amir Hussein bin Jaafar

Ahli-Ahli

Ir. Tiong Ngo Pu

Ir. Assoc. Prof. Dr. Wong Yew Hoong

YBhg. Dato' Ir. Ting Chek Choon

Ir. Dr. Tan Yean Chin

Ir. Yap Soon Hoe

Ir. Mah Siew Kien

Ir. Assoc. Prof. Dr. Lai Khin Wee

Ir. Dr. Tan Kuang Leong

Ir. Assoc. Prof. Dr. Hum Yan Chai

Ir. Prof. Dr. Lau Hieng Ho

YBhg. Dato' Ir. Prof. Dr. Mohd Hamdi bin Abd Shukor

Mr. Muhammad Ashiq Marecan bin Hamid Marecan,

Grad. IEM

JAWATANKUASA KECIL
 (SUB COMMITTEES)

HAL EHWAL KAKITANGAN
 (Human Resources)
Pengerusi

Ir. Prof. Dr. Zuhaina binti Zakaria

Ahli-Ahli

Ir. Prof. Dr. Jeffrey Chiang Choong Luin

Ir. Mohd Khir bin Muhammad

Ir. Sreedaran Raman

Ir. Rusnida binti Talib

INFRASTRUKTUR
 (Infrastructure)
Pengerusi

Ir. Ts. Prof. Dr. David Chuah Joon Huang

Ahli-Ahli

Ir. Yap Lee Chor

Ir. Gunasagaran a/l Kristnan

Ir. Chan Chi Yen

Ir. Abdul Razak bin Yakob

Ir. Lau Eng Kee

Ir. Fam Yew Hin

Ir. Vincent Goh

INFRASTRUKTUR TEKNOLOGI MAKLUMAT
 (IT Infrastructure)
Pengerusi

Ir. Amir Hussein bin Jaafar

Ahli-Ahli

Ir. Chai Chen Sing

Ir. Mah Siew Kien

Ir. Prof. Dr. Jeffrey Chiang Choong Luin

KEPELBAGAIAN PENDAPATAN
 (Diversification of Income)
Pengerusi

Ir. Prof. Dr. Jeffrey Chiang Choong Luin

Naib Pengerusi

Ir. Prof. Dr. Zuhaina Zakaria

Setiausaha

Ir. Ts. Prof. Dr. David Chuah Joon Huang

Ahli-Ahli

Ir. Tiong Ngo Pu

Ir. Assoc. Prof. Dr. Wong Yew Hoong

Ir. Dr. Lai Khin Wee

Ir. Dr. Tan Kuang Leong

Ir. Assoc. Prof. Dr. Hum Yan Chai

Ir. Yam Teong Sian

Ir. Yap Soon Hoe

Mr. Muhammad Ashiq Marecan bin Hamid Marecan,

Grad. IEM

JAWATANKUASA TETAP
(STANDING COMMITTEE)

KEMASUKAN DAN LATIHAN PRAKTIKAL
(Admissions and Practical Training)

Pengerusi

Ir. Dr. Siti Hawa binti Hamzah

Naib Pengerusi

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 Ir. Ts. Dr. Abdul Talib Din
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 Ir. Lau Eng Kee
 Ir. Razmahwata bin Mohamad Razalli

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Naib Pengerusi

Ts. Ramesh Sabapathy

Setiausaha

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 Ir. Gunasagaran Kristnan
 Ir. Sean Wong Siong Ung
 Dr. Ravintran Mariappan, Grad. IEM
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 Grad. IEM
 Mr. Adam Ahlami bin Esa
 Mr. Ee Yong Hua, Grad. IEM
 Mr. Chung Wei Lok, Grad. IEM
 Ir. Lam Choon Kay
 Mr Lim Yiren, Grad. IEM
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 Ir. Benee Chng Yu Leng
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Ir. Sim Hui Kheng, Stephanie
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Naib Pengerusi

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Setiausaha

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Ahli-Ahli

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Naib Pengerusi

Ir. Juares Rizal bin Abd. Hamid

Setiausaha

Ir. Hj. Shamil bin Abu Hassan

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 Ir. Dr. Aidil bin Chee Tahir
 Ir. Mohd Azha bin Abu Samah
 Ir. Prof. Dr. Vigna Kumaran a/l Ramachandaramurthy

PANEL PENASIHAT TEMUDUGA PROFESIONAL (Professional Interview Advisory Panel)

Pengerusi

Ir. Ng Yong Kong

Naib Pengerusi

Ir. Hj. Shamil Bin Abu Hassan

Setiausaha

Ir. Assoc. Prof. Dr. Wong Yew Hoong

Ahli-Ahli

Ir. Arul Hisham bin Abdul Rahim
 Ir. Shum Keng Yan
 Ir. Juares Rizal bin Abd. Hamid
 Ir. Hoo Choon Sean
 Ir. Yam Teong Sian
 Ir. Gunasagaran a/l Kristnan
 Ir. Ts. Prof. Dr. Tan Chee Fai
 YBhg. Dato' Ir. Ahmad Murad bin Omar
 Ir. Dr. Wan Syakirah binti Wan Abdullah
 Ir. Lee Cheng Pay

YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik
 Ir. Hj. Mohd Aman bin Hj. Idris
 Ir. Yim Hon Wa
 Ir. Chen Harn Shean
 Ir. Prof. Dr. Mohd Ali bin Hashim
 Ir. Dr. Chan Swee Huat
 Ir. Prof. Dr. Wong Hin Yong
 Ir. Prof. Dr. Norlida Buniyamin
 YBhg. Dato' Wira Ir. Lt. Gen. (B) Ismail bin Samion
 Ir. S. Kukanesan
 Ir. Dr. Aidil bin Chee Tahir
 Ir. Fam Yew Hin
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 Ir. Juares Rizal bin Abd Hamid
 Ir. Lee Boon Chong
 Ir. Ts. Prof. Dr. David Chuah Joon Huang
 Ir. Ts. Prof. Dr. Tan Chee Fai

LEMBAGA PEMERIKSA KOMPETENSI TEKNOLOGIS DAN JURUTEKNIK KEJURUTERAAN

(Engineering Technologists and Engineering Technician Competency Assessment Board)

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Naib Pengerusi

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Setiausaha

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Ahli-Ahli

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 Ir. Hj. Shamil bin Abu Hassan
 Ir. Sundraraj a/l A. Krishnasamy
 Ir. Bernard Lim Kee Weng
 Ir. Yam Teong Sian
 Mr. Nor Azilan bin Jaafar, Grad. IEM
 Mr. Chin Kean Shiung, Grad. IEM

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(IEM Representative to EAC)

Ir. Fam Yew Hin – *Timbalan Pengerusi EAC*
 Ir. Chen Harn Shean
 YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik
 Ir. Hj. Mohd Aman bin Hj. Idris
 YBhg. Dato' Ir. Lt. Gen. (B) Ismail bin Samion
 Ir. Juares Rizal bin Abd Hamid

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AKTIVITI
(Activities)

Pengerusi

Ir. Yau Chau Fong

Naib Pengerusi

Ir. Dr. Vigna Kumaran a/l Ramachandaramurthy

Setiausaha

Ir. Razmahwata bin Mohamad Razalli

Ahli-Ahli

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 Ir. Tiong Ngo Pu
 Ir. Assoc. Prof. Dr. Hum Yan Chai
 Ir. Vasan Mariappan (*Wakil Pertanian dan Makanan*)
 Ir. Cha Hoong Kum (*Wakil Khidmat Bangunan*)
 Ir. Mohamad Anwar Ahmad (*Wakil Kimia*)
 Ir. Lo Seng Ling (*Wakil Awam dan Struktur*)
 Ir. Ts. Prof. Dr. Tan Chee Fai (*Wakil Perunding*)
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 Ir. Dr. Mui Kai Yin (*Wakil Elektronik*)
 Ir. Dr. Balamurugan a/l Annamalai Gurunathan (*Wakil Pendidikan Kejuruteraan*)
 Ir. Jaya Chandar Poloha Nadan (*Wakil Alam Sekitar*)
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 Ir. Assoc. Prof. Edwin Goh Boon Hoe (*Wakil Lebuhraya dan Pengangkutan*)

Ahli-Ahli

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 Ir. Shirley Low Sheue Lih (*Wakil Sumber Air*)
 Ir. Assoc. Prof. Dr. Syuhaida binti Ismail (*Wakil WE*)
 Mr. Muhammad Ashiq Marecan bin Hamid Marecan, Grad. IEM (*Wakil YES*)
 Ir. Simon Yeong Chin Chow
 Ir. Bernard Lim Kee Weng
 Ir. Yap Soon Hoe
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JAMUAN MAKAN MALAM DAN PENGANUGERAHAN
TAHUNAN 2024
(IEM 64th Annual Dinner and Awards Night 2024)

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Naib Pengerusi

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Setiausaha

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Ahli-Ahli

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 Ir. Dr. Siow Chun Lim
 Ir. Wan Rizaluddin Abdullah bin Wan Ali
 Ir. Benny Lau Eng Kee
 Ir. Raymond Chow Sei Ying
 Ir. Frankie Cheah Peng Leong
 En. Muhammad Ashiq Marecan bin Hamid Marecan, Grad. IEM

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(Organising Committee)

ENGINEER & IEM CONVENTION 2023

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Naib Pengerusi

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Ahli-Ahli

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Mr. Chia Yu Huat, Grad. IEM
 Ms. Ong Ye Shian, Grad. IEM
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 Ir. Sharifah Azlina binti Raja Kamal Pasmah
 Ir. Yap Kok Wai (*Sabah Branch*)
 Ir. Ooi Kah Huat (*Melaka Branch*)
 Mr. Lim Yiren, Grad. IEM – *Wakil YES*
 Ms. Ong Ye Shian, Grad. IEM – *Wakil YES*

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(The Fire Advisory Board on Fire Protection Services)

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Timbalan Pengerusi

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 (Engineering Contracts)

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 (Malaysian Standards Writing & Forensic Study)

Pengerusi

Ir. Chen Harn Shean

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 (IEM Arbitrator Appointment / ADR Advisory Board)

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 (Engineering Practice Advisory Committee)

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Ahli-Ahli

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(Information and Publications)
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Naib Pengerusi

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Setiausaha

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Ketua Pengarang

Ir. Abdul Razak bin Yakob

Pengarang Prinsipal Buletin

Ir. Razmahwata Mohamad Razali

Pengarang Prinsipal Jurnal

Ir. Ts. Prof. Dr. Teo Fang Yenn

Pengerusi Penglibatan Ahli

Ir. Rusnida binti Talib

Naib Pengerusi Penglibatan Ahli

Mr. Alex Looi Tink Huey

Pengerusi Aplikasi Mudah Ahli IEM

Ir. Dr. Bhuvendhraa Rudrusamy

Pengerusi Perpustakaan/Pusat Sumber

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Ahli-Ahli

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Ir. Lau Tai Onn

Ir. Assoc. Prof. Dr. Lee Tin Sin

Ir. Dr. Oh Seong Por

Ir. Dr. Nor Ilia Anisa binti Aris

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Ir. Yee Thien Seng

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Ir. Ts. Dr. Tan Kim Seah

Ms. Michelle Lau Chui Chui, Grad. IEM

Dr. Sudharshan N. Raman, Grad. IEM

Mr. Muhammad Ashiq Marecan bin Hamid Marecan,
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Wakil Industri

Ir. Chen Harn Shean

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**PASUKAN PETUGAS PENYEDIAAN GARISPANDUAN
KEJURUTERAAN UNTUK PENCEGAHAN DAN
KAWALAN DENGGI**

(Task Force For Preparation Of Engineering Guidelines On
The Prevention And Control Of Dengue)

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Naib Pengerusi

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Pengangkutan*)
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HIDROGEN SEBAGAI SUMBER TENAGA (Hydrogen as a New Energy Source)

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Ir. Alex Looi Tink Huey
Ir. Dr. Siow Chun Lim
Ms. Pengiran Noraini @ Dayang Ku Noraini binti Pg. Mohd Hussein Al-Hashim, Grad. IEM

MEREVOLUSIKAN PEMBINAAN 4.0 UNTUK INDUSTRI PEMBINAAN DI MALAYSIA (Revolutionizing Construction 4.0 For The Construction Industry In Malaysia)

Pengerusi

Ir. Prof. Dr. Jeffrey Chiang Choong Luin

Ahli-Ahli

Ir. Dr. Wang Hong Kok (*UEDSIG*)
Ir. Phillip Wong (*UEDSIG*)
Ir. Dr. Alvin Yap Chee Wei (*METD*)
Ir. Dr. Harris bin Abd Rahman Sabri (*PMTD*)
Ir. Dr. Ahmad Firdaus bin Abdul Mutalib (*JKR*)
Ir. Liew Shaw Song (*ACEM*)
Assoc. Prof. Ts. Dr. Lee Wah Pheng (*TARUC*)
Mr. Wei Ke Wu (*China Construction Development (S) China*)
Mr. S. Ramesh a/l V. Subramaniam (*IJM Corporation Bhd*)
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Ir. Dr. Maggie Chel Gee Ooi (*UKM*)

GARIS PANDUAN REKABENTUK BANGUNAN SEKOLAH UNTUK PENCEGAHAN WABAK (Guidelines on Design of School Buildings for Epidemic Prevention)

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PERANAN JURUTERA DALAM KESELAMATAN PEMBINAAN (Engineer's Role in Construction Safety)

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EKOSISTEM INDUSTRI ELEKTROINIK DI MALAYSIA (Electronic Industry Ecosystem in Malaysia)

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PELUANG DAN RISIKO PRODUK NANOTEKNOLOGI DI MALAYSIA (Opportunities and Risks of Nanotechnology Product in Malaysia)

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BEKALAN AIR YANG BERDAYA TAHAN (Water Supplies Resilient)

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BANJIR KILAT DI MALAYSIA (Flash Flood in Malaysia)

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KENAIKAN ARAS LAUT TERHADAP KOMUNITI DAN PEMBANGUNAN PERSISIRAN PANTAI (Sea Level Rise on Coastal Communities and Development)

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PROMOSI PENGANGKUTAN AKTIF DALAM PENCAPAIAN BANDAR RENDAH KARBON (Promoting Active Transportation in Achieving Low Carbon City)

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Ahli-Ahli

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 Ir. Foo Jong Wee
 Dr. Hoh See Min, Grad. IEM

BAHAGIAN TEKNIK KEJURUTERAAN MARIN DAN SENIBINA KAPAL

(Marine Engineering and Naval Architecture Technical Division)

Pengerusi

Ir. Ts. Abdul Malik Hussein bin Abdul Jalil

Timbalan Pengerusi

Ir. Prof. Dr. Ching Yern Chee

Setiausaha / Bendahari

Ir. Teh Teoh Hai

Penasihat

Ir. Roznan bin Abdul Rashid

Ahli-Ahli

Rear Admiral Dato' Pahlawan Ir. Hj. Jasan Ahpandi bin Sulaiman (Rtd.)

Assoc. Prof. Dr. Ahmad Faisal Mohamad Ayob, Grad. IEM

Ir. Ts Prof. Dr. Mohd Rizal bin Arshad

Ir. Muhamad Her bin Hj. Jantan

Ir. Lim Leong Bok

Ms. Maziah Suraya binti Abd Majid, Grad. IEM

YBhg. Dato' Ir. Ahmad Murad bin Omar (Co-opted)

Ir. Prof. Dr. Ab. Saman bin Abd. Kader (Co-opted)

Prof. Dr. Adi Maimun bin Haji Abd. Malik, Grad. IEM (Co-opted)

BAHAGIAN TEKNIK KEJURUTERAAN ALAM SEKITAR

(Environmental Engineering Technical Division)

Pengerusi

Ir. Jaya Chandar a/l Poloha Nadan

Timbalan Pengerusi

Ir. Prof. Dr. Teo Fang Yenn

Setiausaha/Bendahari

Ir. Dr. Lai Mun Kou

Penasihat

Ir. Tang Boon Heng

Ahli-Ahli

Ir. Thirunavukkarasu Namasivayam

Ir. Tan Seng Khee

Ir. Teoh Boon Lai

Ir. Choo Chee Ming

Ir. Hooi Kam Seng

Ms. Sumeshini a/p Subramaniam, Grad. IEM

Ir. Santha Kumaran a/l Erusan @ Krishnan (Co-opted)

Ir. Daniel Lim Tian Lu (Co-opted)

Ir. Fan Hong Poh (Co-opted)

Ir. Lee Heng Keng (Co-opted)

Ir. Yogeswaran a/Nilamiham (Co-opted)

Ir. Wendy Ooi Mong Lee

Sdri. Ong Joey, Inc. IEM

Ir. Ong Tze Heng

Ir. Gary Chien Fan Chee (Co-opted)

Ir. Ahmad Fathi bin Zainazlan (Co-opted)

Ir. Pu Chuan Hsian, Daniel (Co-opted)

Ir. Peter Kwok Pin Yook (Co-opted)

KUMPULAN KECENDERUNGAN KHAS JURUTERA PERUNDING

(Consulting Engineers Special Interest Group)

Pengerusi

Ir. Ts. Prof. Dr. Tan Chee Fai

Timbalan Pengerusi

Ir. Tejinder Singh

Setiausaha / Bendahari

Ir. Kamalesen a/l Chandrasekaran

Penasihat

Ir. Yim Hon Wa

Ahli-Ahli

Ir. Nee Chow Yit

Ir. Lalchand a/l Gulabrai

Ir. Dr. Ng Kok Chiang

Mr. Dinesh a/l Manoharan, Grad. IEM

Ir. Kesavan a/l Jaganathan

Ir. Ravindra a/l Masilamoney

Ir. Chin Jik Leong (Co-opted)

Ir. Subramaniam a/l K.S. Gopala Iyer (Co-opted)

Ir. Vignaeswaran a/l Shanmuganathan (Co-opted)

Mr Muhammad Ashiq Marecan bin Hamid Marecan, Grad. IEM (Co-opted)

KUMPULAN KECENDERUNGAN KHAS WARGAMAS

(Seniors Special Interest Group)

Pengerusi

Ir. Chow Sei Ying

Timbalan Pengerusi

Ir. Ling Sieh Kieng

Setiausaha

Ir. Khor Hock Keat

Penasihat

Ir. Lalchand a/l Gulaibrai

Ahli-Ahli

Ir. Yvonne Fernandez

Ir. Sukahirul Nizam bin Abdul Razak

Mr. Dinesh a/l Manoharan, Grad. IEM

Ir. Chong Kwet Hin

Ir. Arulchothy a/l Arulambalam

Mr. Muhammad Ashiq Marecan bin Hamid Marecan, Grad. IEM

Ir. Sri Kanthan a/l Veeramuthu (Co-opted)

Ir. Dr. Tan Sin Jin (Co-opted)

**KUMPULAN KECENDERONGAN KHAS
PEMBANGUNAN KEJURUTERAAN BANDAR**
(Urban Engineering Development Special Interest Group)

Pengerusi

Ir. Benny Lau Eng Kee

Timbalan Pengerusi

Ir. Mike Lau Yee Leong

Setiausaha

Ir. Prof. Dr. Lam Foo Chee

Penasihat

Ir. Azhar bin Azmi

Ahli-Ahli

Ir. Ng Sean Lok

Ir. Khaw Yao Shun

Ts. Dr. Ong Chong Yong, Grad. IEM

Mr. Kenny Chia, Grad. IEM

Ir. Dr. Lloyd Ling

Ir. Sim See Yoong

Mr. Muhammad Ashiq Marecan bin Hamid Marecan,
Grad. IEM (*Co-opted*)

Ms. Ong Shiou Ting, Grad. IEM (*Co-opted*)

Ir. Assoc. Prof. Dr. Doh Shu Ing (*Co-opted*)

**KUMPULAN KECENDERONGAN KHAS KESELAMATAN
DALAM KEJURUTERAAN**
(Safety in Engineering Special Interest Group)

Pengerusi

Ir. Tajul Ariffin bin Mohamed Nori

Timbalan Pengerusi

Ir. Francis Ngiam Kee Hwee

Setiausaha

Ir. Dr. Mohd Fairuz bin Ab. Rahman

Penasihat

Ir. Yau Chau Fong

Penasihat Jemputan

Ir. Hj. Mohd Hatta bin Zakaria

Ahli-Ahli

Ir. Dr. Zaki Yamani bin Zakaria

Ir. Shum Keng Yan

Ir. Loo Chee Kin

Ts. Dr. Ong Chong Yong, Grad. IEM

Ir. Luk Chau Beng

Ir. Noor Hisham bin Yahaya

Ir. Gary Lim Eng Hwa (*Co-opted*)

Ir. Jegalakshimi a/p Jewaratnam (*Co-opted*)

Ir. Irin binti Ismail (*Co-opted*)

Ir. Dr. Ezzarhan bin Abdullah (*Co-opted*)

Ir. Razmahwata bin Mohamad Razalli (*Co-opted*)

Ms. Ainarull Assikin binti Abdul Hadi, Grad. IEM (*Observer*)

BAHAGIAN TEKNIK KEJURUTERAAN BAHAN
(Material Engineering Technical Division)

Pengerusi

Ir. Assoc. Prof. Dr. Wong Yew Hoong

Timbalan Pengerusi

Ir. Dr. Tan Kim Seah

Setiausaha

Ir. Dr. Tan Inn Shi

Penasihat

Ir. Prof. Dr. Cheong Kuan Yew

Ahli-Ahli

Ir. Assoc. Prof. Dr. Ang Bee Chin

Ir. Assoc. Prof. Dr. Tan Chou Yong

Ir. Dr. Mui Kai Yin

Ir. Dr. Bernard Lim Kee Weng

Ir. Prof. Dr. Rajkumar a/l Durairaj

Ir. Daniel Suraesh a/l Balakrisnan

Ir. Assoc. Prof. Dr. Yew Ming Chian (*Co-opted*)

Ir. Dr. Juyana binti A. Wahab (*Co-opted*)

Ir. Dr. Yew Ming Kun (*Co-opted*)

Ir. Dr. Wong Shaw Fong (*Co-opted*)

BAHAGIAN JURUTERA WANITA
(Women Engineers Section)

Pengerusi

Ir. Assoc. Prof. Dr. Syuhaida binti Ismail

Timbalan Pengerusi I

Ir. Mah Siew Kien

Timbalan Pengerusi II

Ir. Rusnida binti Talib

Setiausaha

Ir. Nur Azhani binti Mohamad Rosli

Bendahari

YBhg. Datin Sri Ir. Hjh. Nor Asiah binti Othman

Bekas Pengerusi

Ir. Noorfaizah binti Hamzah

Ahli-Ahli

Ir. Prof. Dr. Che Maznah binti Mat Isa

Ir. Norulhakima binti Zakaria

Ms. Michelle Lau Chui Chui, Grad. IEM

Ms. Ainarull Assikin binti Abdul Hadi, Grad. IEM

Ms. Nur Syafika Artika binti Rahim, Grad. IEM

Ms. Sakinah binti Ab. Halim, Grad. IEM

Ahli Korporat Dilantik

Ir. Raftah binti Mahfar

Ir. Dr. Jeyanthi a/p Ramasamy

Ir. Sharifah Azlina binti Raja Kamal Pasmah

Ir. Tan Loo Yen

Ir. Prof. Dr. Zuhaina binti Zakaria

BAHAGIAN JURUTERA MUDA
(Young Engineers Section)

Pengerusi

Mr. Muhammad Ashiq Marecan bin Hamid Marecan,
Grad. IEM

Naib Pengerusi (I)

Mr. Lim Yiren, Grad. IEM

Naib Pengerusi (II)

Ms. Ong Ye Shian, Grad. IEM

Setiausaha / Bendahari

Mr Chuah Pei Lim, Grad. IEM

Bekas Pengerusi Terakhir

Mr. Kuugan a/l Thangarajoo, Grad. IEM

Penasihat

Ir. Ng Yong Kong

Ahli-Ahli

Mr. Darshan a/l Balasubramaniam, Grad. IEM
Sdri. Illy Alia binti Mohd Azizan
Mr. Muhd Afiq Irfan bin Zaharudin, Grad. IEM
Ms. Nyan Shu Qi, Grad. IEM
Mr. Teoh Chi Yang, Grad. IEM
Mr. Ng Han Wei, Grad. IEM (*Co-opted*)
Mr. Martin Cha Yau Yang, Grad. IEM (*Co-opted*)
Mr. Chin Zehong, Grad. IEM (*Co-opted*)
Ms. Janice Chong Kah Yin, Grad. IEM (*Co-opted*)
Ms. Dorene Lau Jo Lyn, Grad. IEM (*Co-opted*)
Mr. Bowie Koh Chao Wei, Grad. IEM (*Co-opted*)
Mr. Wang Wei Ding, Grad. IEM (*Co-opted*)

Ahli-Ahli Jemputan

Ms. Harmeet Kaur a/p Gurbachan Singh, Grad. IEM
Ms. Shah Izzati Afzan binti Irwan Shah, Grad. IEM
Ms. Loo Suk Sin, Grad. IEM
Mr. Naveen a/l Kumar, Grad. IEM

Pemerhati

Dr. Habibah @ Norehan binti Haji Haron, Grad. IEM
Ms. Choong Pooi Ying, Grad. IEM
Ir. Sumathi a/p Subramaniam
Ms. Irene Lock Sow Mei, Grad. IEM

CAWANGAN
(REGIONAL BRANCHES)

CAWANGAN PENANG
(Penang Branch)

Pengerusi

Ir. Chan Wah Cheong

Naib Pengerusi (I)

Ir. Dr. Chang Chun Kiat

Naib Pengerusi (II)

Ir. Dr. Lee Choo Yong

Setiausaha Kehormat

Ir. Khaw Yao Shun

Bendahari Kehormat

Ir. Tean Sze Nee

Ahli-Ahli

Ir. Teh Siew Yin

Ir. Tan Yan Moy

Ir. Juliet Choo Lay Guat

Ir. Tan Bak Ping

Ir. Andy Lian Shin Wai

Ir. Darren Khoo Jun Chieh

Ir. Yeap Geok Ngoh

Bekas Pengerusi Terakhir

Ir. Dr. Bernard Lim Kee Weng

CAWANGAN NEGERI SEMBILAN
(Negeri Sembilan Branch)

Pengerusi

Ir. Shahrin Amri bin Jahari

Naib Pengerusi (I)

Ir. Mohd Azlan bin Othman

Naib Pengerusi (II)

Ir. Azizi bin Ahamad

Setiausaha Kehormat

Ir. Mohamad Firdaus bin Zainal

Bendahari Kehormat

Ir. Tan Chee Nian

Ahli-Ahli

Ir. Teh Wee Teck

Ir. Khoo Nee Keong

Ir. Prem Rakesh Subramaniam

Ir. Hazlin bin Harun

Bekas Pengerusi Terakhir

Ir. Chong Chee Yen

CAWANGAN SELATAN
(Southern Branch)

Pengerusi

Ir. Thayala Rajah a/l C. Selvaduray

Naib Pengerusi (I)

Ir. David Puen Ming Shen

Naib Pengerusi (II)

Ir. Prof. Dr. Sharul Kamal bin Abdul Rahim

Setiausaha Kehormat

Ir. Liew Shu Fang

Bendahari Kehormat

Ir. Juraimi bin Masood

Ahli-Ahli

Ir. Bong Beng Siong

Ir. Hj. Nazatul Shima binti Mohamad

Ir. Dr. Noor Nabilah binti Sarbin

Ir. Thirumurugan a/l Manikam

Bekas Pengerusi Terakhir

Ir. Wong Yee Foong

CAWANGAN SABAH
(Sabah Branch)

Pengerusi

Ir. Willy Chin Tet Fu

Naib Pengerusi (I)

Ir. Tan Kok Jyh

Naib Pengerusi (II)

Ir. Mohd Yaakob bin Jaafar

Setiausaha Kehormat

Ir. Paul Yap Kok Wai

Bendahari Kehormat

Ir. Dr. Michael Tay Tshung Wang

Ahli-Ahli

Ir. Yong Sui Su

Ir. Wong Chen Jack

Ir. Sunderaeswaran Nayar

Ir. Jess Vun Wey Tyng

Ir. Nicholas Lim

Ir. Jamilah Tukang

Ir. Arius Yu Siaw Cheun

Ir. Wah Kheng Haw

Bekas Pengerusi Terakhir

Ir. Jeffrey Ng Vun Ping

CAWANGAN MELAKA
 (Malacca Branch)

Pengerusi
 Ir. Ong Yee Pin

Naib Pengerusi (I)
 Ir. Lim Su Hian

Naib Pengerusi (II)
 Ir. Lam Choon Kay

Setiausaha Kehormat
 Ir. William Ho Choon Kwang

Bendahari Kehormat
 Ir. Sures Kumar a/l Ganesan

Ahli-Ahli
 Ir. Ronnie Neo Hai Fun
 Ir. Harmidi bin Ali
 Ir. Sheik Ja'afar bin Sh. Ismail
 Ir. Lam Ah Hang

Bekas Pengerusi
 The Late Ir. Dr. Puvanasvaran a/l A. Perumal

Penasihat
 Ir. Ooi Kah Huat

CAWANGAN KEDAH-PERLIS
 (Kedah-Perlis Branch)

Pengerusi
 Ir. Roshasmawi bin Abdul Wahab

Naib Pengerusi (I)
 Ir. Adbullah bin Othman

Naib Pengerusi (II)
 Ir. Jamaluddin bin Abdullah

Setiausaha Kehormat
 Ir. Abdur Rahman Azzam bin Che Sobry

Bendahari Kehormat
 Ir. Rosafizawati binti Shuib

Ahli-Ahli
 Ir. Jamaluddin bin Abdullah
 Ir. Shahrul Bazli bin Saharudin
 Ir. Khairunisa binti Khairuddin
 Ir. Hj. Abdul Rani bin Ghazali
 Ir. Khairul Azmi bin Zamri
 Ts. Hj. Khairul Faizi bin Khalid, MIEM

Bekas Pengerusi Terakhir
 Ir. Dr. Mohamad Shaiful Ashrul bin Ishak

CAWANGAN PERAK
 (Perak Branch)

Pengerusi
 Ir. Assoc. Prof. Dr. Nursyarizal Mohd Nor

Naib Pengerusi (I)
 Ir. Tiah Oon Han

Naib Pengerusi (II)
 Ir. Mohd Nasharuddin bin Hashim

Setiausaha Kehormat
 Ir. Prof. Dr. Leong Kah Hon

Bendahari Kehormat
 Ir. Darren Chin Woon Kheong

Ahli-Ahli
 Ir. Dr. Chan Seong Phun
 Ir. Bryan Ng Horng Heng
 Ir. Suhaini binti Ahmad
 Ir. Toh Leong Soon
 Ir. Dr. Patrick Sebastian

Bekas Pengerusi
 YBhg. Dato' Sri Ir. Liew Mun Hon

Penasihat
 Ir. Lau Win Sang

CAWANGAN PAHANG
 (Pahang Branch)

Pengerusi
 Ir. Ab. Rahman bin Hashim

Naib Pengerusi (I)
 Ir. Harzah Masni binti Ramli

Naib Pengerusi (II)
 Ir. Mohd Azrul Nizam bin Mohd Zahir

Setiausaha Kehormat
 Ir. Dr. Azhani binti Zukri

Bendahari Kehormat
 Ir. Chin Siew Choo

Ahli-Ahli
 Ir. Dr. Norazwina binti Zainol
 Ir. Mohd Yunus bin Yusof
 Ir. Dr. Muhamad Zahim bin Sujod
 Ir. Hj. Salimi bin Md. Saleh
 Ir. Ts. Aideelnorfahmee bin Mohamad

Bekas Pengerusi Terakhir
 YBhg. Dato' Ir. Sharuddin bin Mohd Simin

CAWANGAN MIRI
(Miri Branch)

Pengerusi

Ir. Chong Boon Hui

Naib Pengerusi (I)

Ir. Meheron Selowara Joo

Naib Pengerusi (II)

Ir. Tian Fung Wang

Setiausaha Kehormat

Ir. Chan Yen San

Bendahari Kehormat

Ir. Nelson Ng Soon Hee

Ahli-Ahli

Ir. Yee Wen Jye

Ir. Wong Kwong Soon

Ir. William Chien Hui Liang

Ir. Yii Shie Chuong

Bekas Pengerusi Terakhir

Ir. Sean Wong Siong Ung

CAWANGAN SARAWAK
(Sarawak Branch)

Pengerusi

Ir. Sim Hui Kheng, Stephanie

Naib Pengerusi (I)

Ir. Dr. Angelia Liew San Chuin

Naib Pengerusi (II)

Ir. Wong Siong Boon

Setiausaha Kehormat

Ir. Edison Lim Kim Ong

Bendahari Kehormat

Ir. Jonathan Law Sie Ding

Ahli-Ahli

Ir. Bernard Chong Yin Shik

Ir. Hii Hwang

Ir. Dr. Kasumawati binti Lias

Ir. Athira binti Abdullah

Ir. Bong Chong Sar, Albert

Bekas Pengerusi Terakhir

YBhg. Dato' Ir. Janang Ak Bungsu

CAWANGAN KELANTAN
(Kelantan Branch)

Pengerusi

Ir. Abrizan bin Abdul Kadir

Naib Pengerusi (I)

Ir. Nik Burhanuddin bin Nik Yusoff

Naib Pengerusi (II)

Ir. Roslim bin Ibrahim

Setiausaha Kehormat

Ir. Che Sufian bin Che Hussin

Bendahari Kehormat

Ir. Hj. Mohd Anuar Musardar bin Hj. Yusoff

Ahli-Ahli

Ir. Hj. Ahmad Zawawi bin Mohamed

Ir. Ahmad Sharidan bin Ab. Rahman

Ir. Wan Muhammad Faisyal bin Mohd Noor

Ir. Mohd Danial bin Zammeri

Ir. Ts. Ahmad Hazley bin Mat Yusoh

Ir. Ts. Zakaria bin Daud

Bekas Pengerusi Terakhir

Ir. Nik Ab. Hadi bin Hassan

CAWANGAN TERENGGANU
(Terengganu Branch)

Pengerusi

Ir. Mazlan bin Che Ku Ahmad

Naib Pengerusi (I)

Ir. Ahmad Nazari bin Ashari

Naib Pengerusi (II)

Ir. Zakaria bin Abdullah

Setiausaha Kehormat

Ir. Zamzuri bin Aziz

Bendahari Kehormat

Ir. Azliza @ Mohd Anuar bin Abd. Ghani

Ahli-Ahli

Ir. Wan Muhammad Adib bin Wan Zuraidi

Ir. Dr. Zulzilawati binti Jusoh

Ir. Abdullah Zawawi bin Mohd Noor

Ir. Ahmad bin Jusoh

Ir. Wan Ibrahim bin Wan Said

Ir. Mohd Fauzi bin Zakaria

Ir. Ramzi bin Harun

Ir. Abd. Karim bin Abd. Rahman

Ir. Zahid Suffian bin Zainal Abidin

Bekas Pengerusi Terakhir

YBhg. Dato' Ir. Wan Nazari bin Wan Jusoh

AHLI-AHLI JAWATANKUASA PENGELOLA
 (ORGANISING COMMITTEES)

PERTANDINGAN REKABENTUK KEJURUTERAAN KIMIA
(KE-DUA BELAS)

 (12th Chemical Engineering Design Competition)

Pengerusi

Ir. Vincent Khaw Wei Chuen

Pengerusi Bersama

Ir. Assoc. Prof. Dr. Chong Chien Hwa

Ahli-Ahli

Ir. Prof. Dr. Thomas Choong Shean Yaw

Ir. Prof. Dr. Dominic Foo Chwan Yee

Ir. Assoc. Prof. Dr. Lee Tin Sin

Ir. Razmahwata Mohamad Razalli

Ir. Thayananthan Balakrishnan

Dr. Ang Wei Lun, Grad. IEM

Ts. Jack Chong Wei Jet, Grad. IEM

Invited Committee

Mr. Hans Tan

Mr. Azfar bin Kamarulzaman

Mr. Lexus Loo

PERTANDINGAN CHEM-E-CAR MALAYSIA YANG
KE-LIMA BELAS

 (15th Malaysia Chem-E-Car Competition)

Pengerusi

Mr. Mohd Fauzi Zaniil, Grad. IEM

Pengerusi Bersama

 Dr. Muhammad Syafiq Hazwan bin Ruslan - *UiTM*
Ahli-Ahli

 Dr. Azry bin Borhan - *UTP*

 En. Abdul Hakim Hj. Abu Bakar, Grad. IEM - *UNIKL*

 Mr. Badrulhaswan bin Besar - *TATIUC*

 Mr. Junaidi bin Zakaria - *UMP*

 Dr. Wong Voon Loong - *Heriot Watt*

 Dr. Shahbudin bin Masdar - *UKM*

 Dr. Ma'an Fahmi Rashid Al-Khatib - *UIAM*

 Dr. Mohamad Fairus bin Rabuni - *UM*

 Dr. Sum Jing Yao - *UCSI*

 Dr. Soundarajan Krishnan - *MIU*

 Dr. Gobi Kanadasan - *UTAR*

 Ms. Nurhazwani Ismail - *Taylors*

 Ms. Jully Tan - *Monash*

 Assoc. Prof. Dr. Suchithra Thangalazhy Gopakumar
 - *Nottingham*

Ir. Razmahwata Mohamad Razalli

**ITEM OUTSIDE BODIES REPRESENTATION (OBR)
MASTER LISTS 2023 (1 JANUARY 2023 - 31 DECEMBER 2023)
FOR IEM ANNUAL REPORT 2023**

Organiser	Title	Date / Time	Venue	Representatives	Attendance	Committee	Remarks
(1) ANQAS Certification Sdn. Bhd.							
Dialogue / Meetings:	Impartiality Review Panel (IRP) - 2023-01	26/09/2023 9.30 am	TBA	Ir. Lai Sze Ching	1/1.	PPC	
(2) Academi of Sciences Malaysia							
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	NHSTI Stakeholder Engagement Session with Polytechnics, Community Colleges, TVET Providers and Parent Teacher Association	23/09/2023 9.00 am - 1.30 pm	Function Hall, Academy of Sciences Malaysia (ASM), Level 20, West Wing, MATRADE Tower, Jalan Sultan Haji Ahmad Shah, off Jalan Tuanku Abdul Halim, 50480 Kuala Lumpur	Ir. Amir Hussein bin Jaafar	1/1.	STEM	
(3) Balai Ikhtisas Malaysia (BIM)							
Dialogue / Meetings:	The Board of Management Meeting (3) 2022/2023	21/06/2023 7.30 pm	BIM Secretariat, Damansara Utama, Petaling Jaya	Ir. Gunasagaran a/l Kristnan	1/1.	CA	
	The Annual 50 th General Meeting	26/07/2024 2.30 pm	Hotel Eastin, Petaling Jaya	Ir. Gunasagaran a/l Kristnan Ir. Simon Yeong Chin Chow	1/1. 1/1.	CA CA	
	The Board of Management Meeting (1) 2023/2025	20/09/2023 7.30 pm	BIM Secretariat, Damansara Utama, Petaling Jaya	Ir. Gunasagaran a/l Kristnan Ir. Simon Yeong Chin Chow	1/1. 1/1.	CA CA	
(4) Board of Engineers (BEM)							
Dialogue / Meetings:	Discussion on 'Draft of Code of Practice on Personal Data Protection for ECP'	16/06/2023 3.00 pm	Zoom Meeting	Ir. Tu Yong Eng	1/1.	PPC	
	Discussion on 'Draft of Code of Practice on Personal Data Protection for ECP'	12/09/2023 9.30 am	Zoom Meeting	Ir. Mohd Khir bin Muhammad	1/1.	CA	
(5) Building Management Association of Malaysia (BMAM)							
Dialogue / Meetings:	BMAM 14 th Annual General Meeting	28/06/2023 11.00 am	National Council Room, Level 1, Wisma REHDA, No. 2C, Jalan SS5D/6, Kelana Jaya, 47301, Petaling Jaya, Selangor.	Ir. Gopal Narian a/l Kutty	1/1.	CA	
(6) CIDB Malaysia							
Dialogue / Meetings:	Mesyuarat Jawatankuasa Teknikal Pembangunan Standard Industri Pembinaan (CIS) Bil. 1/2023 bagi: CIS 22 & CIS 23	16/01/2023 2.30 pm - 5.00 pm	Ibupejabat CIDB, Bilik Mesyuarat Kempas, Tingkat 32, WTC, Jalan Tun Ismail, Kuala Lumpur	Ir. Lee Kee Bau	0/1.	CSETD	
	Mesyuarat Jawatankuasa Semakan Semula CIDB Standard Form of Contract (2000 Edition) Bil. 6/2021-2023	21/02/2023 2.30 pm - 4.30 pm	Bilik Kempas, CIDB Malaysia, Tingkat 32, Menara Dato Onn, WTC	Ir. Hooi Wing Chuen	1/1.	CSETD	
	Mesyuarat Jawatankuasa Semakan Semula CIDB Standard Form of Contract (2000 Edition) Bil. 7/2021-2023	06/04/2023 9.00 am - 1.00 pm	Bilik Kempas, CIDB Malaysia, Tingkat 32, Menara Dato Onn, WTC	Ir. Hooi Wing Chuen	0/1.	CSETD	
	Mesyuarat Jawatankuasa Teknikal Bahan Binaan - REL Bil. 1/2023	17/04/2023 9.30 am	Bilik Kempas, CIDB Malaysia, Tingkat 32, Menara Dato Onn, WTC	Ir. Ts. Dr. Zarabizan bin Zakaria	1/1.	HTETD	
	Mesyuarat JTKP Bidang Lifting & Falsework Bil. 2/2023	24/08/2023 9.30 am - 1.00 pm	TBA	Ir. Lee Kee Bau	1/1.	CSETD	

Organiser	Title	Date / Time	Venue	Representatives	Attendance	Committee	Remarks
Dialogue / Meetings:	Mesyuarat Jawatankuasa Teknikal Kompetensi Pembinaan (JTKP) Bidang Building & Civil Bil. 1/2023	31/10/2023 9.30 am - 12.30 pm	Tingkat 32, Bilik Mesyuarat Resak, Menara Dato' Onn, WTC	Ir. Teh Tzyy Wooi	1/1.	CSETD	
	Mesyuarat Jawatankuasa Teknikal Bagi Ready Mix Concrete Bil. 1/2023	21/11/2023 10.30 am - 12.30 pm	CIDB, Bilik Mesyuarat Resak, Tingkat 32 CIDB, Menara Dato' Onn WTC, Kuala Lumpur.	<i>no representative</i>	0/1.	CSETD	
	Mesyuarat Jawatankuasa Teknikal Bagi Ready Mix Concrete Bil. 2/2023	07/12/2023 2.30 pm - 5.00 pm	CIDB HQ, Bilik Mesuarat Kempas, Tingkat 32, Menara Dato' Onn, WTC Kuala Lumpur	Ir. Hooi Wing Chuen	1/1.	CSETD	
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Bengkel Bil. 5 Jawatankuasa Semakan Semula CIDB Standard Form of Contracts (2000 Edition)	13/06/2023 8.30 am - 5.00 pm	IDEAS Kuala Lumpur Hotel	Ir. Hooi Wing Chuen	1/1.	CSETD	
	Bengkel Libat Urus Cadangan Mewajibkan Qlassic Untuk Projek Bangunan Kerajaan	01/11-03/11/2023 9.00 am - 5.00 pm	Concorde Hotel Shah Alam, Selangor	Ir. Ts. Wong Chee Fui	1/1.	CA	
(7) Confederation of Scientific and Technological Associations in Malaysia (COSTAM)							
Dialogue / Meetings:	5 th Exco meeting (2022-2024) of COSTAM	24/06/2023 4.30 pm	Kelab Shah Alam	Ir. Dr. Aidil bin Chee Tahir	1/1.	CA	
	COSTAM Council Meeting 2023 via Video Conference	17/07/2023 5.00 pm	Google Meet	Ir. Dr. Aidil bin Chee Tahir	1/1.	CA	
	COSTAM 39 th Annual General Meeting	26/08/2023 10.00 am	Google Meet	Ir. Dr. Aidil bin Chee Tahir	1/1.	CA	
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	COSTAM-ASTI Roundtable Discussion on STEM Education	17/08/2023 9.00 am - 1.00 pm	Sipdah Room, Level 18, Menara Shell, Jalan Tun Sambanthan Brickfields KL	Ir. Assoc. Prof. Dr. Baljit Singh a/l Bhathal Singh	1/1.	E2TD	
(8) Construction Industry Development Board [CIDB] Malaysia							
Dialogue / Meetings:	Mesyuarat Jawatankuasa Pertauliah, Penilaian dan Pensijilan Bil. 1/2023	04/04/2023 9.00 am - 12.30 pm	Bilik Mesyuarat Kempas, Tingkat 32, Menara Dato' Onn, Pusat Dagangan Dunia (WTC)	Ir. Hooi Wing Chuen	0/1.	CSETD	
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Program Jelajah Bina Townhall Se-Malaysia (Zon Tengah)	29/11/2023 8.00 am - 4.30 pm	Dash Box Cyberjaya Hotel, Persiaran APEC, Cyber 8, 63000 Cyberjaya	Ir. Dr. Anizahyati binti Alisibramulisi	1/1.	CSETD	
(9) Construction Research Institute of Malaysia (CREAM)							
Dialogue / Meetings:	Mesyuarat Jawatankuasa Teknikal (No. 1) Bagi Semakan Dan Penambahbaikan CIS 18:2018 Manual For IBS Content Scoring System (IBS Score)	06/03/2023 9.00 am - 4.30 pm	Bilik Mesyuarat Utama, CREAM, Tingkat 29, Menara Sunway Putra	Ir. Gunasagaran a/l Kristnan	1/1.	PPC	
	Mesyuarat Jawatankuasa Teknikal Bil. 4/2023 Bagi Semakan dan Penambahbaikan CIS 18:2018 Manual for IBS Content Scoring System (IBS Score)	30/05/2023 9.00 am - 4.30 pm	Bilik Seminar CIDBIBS, Galeri Konponen IBS, Lot 8, Jalan Chan Sow Lin, Cheras Batu 2 1/2, Kuala Lumpur	Ir. Gunasagaran a/l Kristnan	1/1.	PPC	
	Mesyuarat Jawatankuasa Teknikal Bil. 5/2023 Bagi Semakan dan Penambahbaikan CIS 18:2018 Manual for IBS Content Scoring System (IBS Score)	12/06/2023 9.00 am - 4.30 pm	Bilik Seminar MyBIM Centre, Tingkat 11, Sunway Putra Tower, Kuala Lumpur.	Ir. Gunasagaran a/l Kristnan	1/1.	PPC	

Organiser	Title	Date / Time	Venue	Representatives	Attendance	Committee	Remarks
Dialogue / Meetings:	Mesyuarat Jawatankuasa Teknikal Bil. 6/2023 Bagi Semakan dan Penambahbaikan CIS 18:2018 Manual for IBS Content Scoring System (IBS Score)	25/07/2023 2.00 pm - 4.30 pm	Bilik Diamond, Tingkat 23, Sunway Putra Tower, Kuala Lumpur.	Ir. Gunasagaran a/l Kristnan	1/1.	PPC	
	Mesyuarat Jawatankuasa Teknikal Pembangunan Penerbitan Berkala CCLR 2021 & 2022 (Edisi 2023) Bil. 1/2023	28/03/2023 2.00 pm - 4.30 pm	Bilik Mesyuarat Utama, CREAM, Tingkat 29, Menara Sunway Putra	Ir. Lai Sze Ching	1/1.	PPC	
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Bengkel Jawatankuasa Teknikal Bagi Semakan dan Penambahbaikan CIS 18:2018 Manual for IBS Content Scoring System (IBS Score)	07/07-09/07/2023 9.00 am - 5.00 pm	Hotel Tenera, Bangi	Ir. Gunasagaran a/l Kristnan	1/1.	PPC	
(10) Department of Standards Malaysia (DSM)							
Dialogue / Meetings:	Mesyuarat National Standard Committee on Fire Safety (NSC 13) Bil. 1/2023	11/09/2023 2.30 pm - 5.00 pm	Bilik Tanjung, Aras G, Ibu Pejabat, Jabatan Bomba dan Penyelamat Malaysia (JBPM), Presint 7, 62250 Putrajaya	Ir. Alan Chan Teck Wai Ir. Wong See Foong Ir. Tan Chew	1/1. 1/1. 1/1.	FAB FAB FAB	
	Meeting of Technical Committee on Plastics Pipes and Fittings (NSC 10/TC2) Bil. 1/2023	17/10/2023 10.00 am - 1.00 pm	Bilik Mesyuarat ISO, Aras 6, Jabatan Standard Malaysia, Menara 2, Menara Cyber Axis, Jalan Impact, 63000 Cyberjaya	Ir. Ts. Prof. Dr. Tan Chee Fai	0/1.	CETD	
	Mesyuarat National Standard Committee on Electrical and Electronics Equipment and Accessories (NSC 19) Bil. 1/2023	01/11/2023 9.30 am - 1.00 pm	Hotel Sama-Sama KLIA, Sepang	Ir. Kwok Yew Hoe	0/1.	EETD	
	Mesyuarat Jawatankuasa Standard Kebangsaan bagi Pengurusan Kualiti dan Organisasi (NSC 25) Bil. 1/2023	24/11/2023 2.30 pm - 5.00 pm	Bilik Perdana 2, Ground Floor, Wing 2, Hotel DoubleTree by Hilton Putrajaya Lakeside, Presint 5, Putrajaya.	Ir. Luk Chau Beng	1/1.	METD	
	Mesyuarat Jawatankuasa Standard Kebangsaan Berkenaan Metallic Materials and Semi-Finished Products (NSC 16) Bil. 1/2023	01/11/2023 2.15 pm	Hotel Bangi Resort, Bandar Baru Bangi, Selangor	Ir. Tu Yong Eng	1/1.	CSETD	
	Mesyuarat Jawatankuasa Standard Kebangsaan Berkenaan Occupational Safety and Health (NSC 23) 2023	10/11/2023 10.00 am - 12.00 pm	Zoom Meeting	Ir. Irin binti Ismail	1/1.	SESIG	
	Mesyuarat Jawatankuasa Standard Kebangsaan Building, Construction and Civil Engineering (NSC 04) 2023	06/12/2023 2.30 pm - 5.00 pm	Bilik Seminar (Seminar Room), MYBIM Centre, Aras 11, CIDB E-Construct Services Sdn Bhd, Sunway Putra Tower, Lot 100, Jalan Putra, 50350 Kuala Lumpur.	Ir. Tu Yong Eng	1/1.	CSETD	
	Mesyuarat International Electrotechnical Commission-National Committee of Malaysia (IEC NC OF MY) Bil. 1/2023	28/11/2023 9.30 am - 1.00 pm	Bilik Mesyuarat Utama, Aras 7, Suruhanjaya Tenaga, Putrajaya	Dato' Ir. Ibrahim bin Abu Bakar	1/1.	EETD	
	Meeting of Technical Committee on Wet Fire Protection System (NSC 13/TC 3) Bil. 1/2023	19/01/2023 2.30 pm - 5.00 pm	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Alan Chan Teck Wai	0/1.	FAB	
	Meeting of Technical Committee on Steel Bars, Wire Rods and Wire Products (NSC 16/TC 6) Bil. 1/2023	21/02/2023 10.00 am - 1.00 pm	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Dr. Anizahyati binti Alisibramulisi	1/1.	CSETD	
	Meeting of Technical Committee on Smart Manufacturing (NSC 19/TC 15) Bil. 1/2023	09/02/2023 9.30 am	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Ts. Prof. Dr. Tan Chee Fai	0/1.	CESIG	

Organiser	Title	Date / Time	Venue	Representatives	Attendance	Committee	Remarks
Dialogue / Meetings:	Meeting of Technical Committee on Smart Manufacturing (NSC 19/ TC 15) Bil. 3/2023	04/07/2023 9.30 am - 1.00 pm	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Ts. Prof. Dr. Tan Chee Fai	1/1.	CESIG	
	Meeting of Technical Committee on Smart Manufacturing (NSC 19/ TC 15) Bil. 4/2023	01/12/2023 9.30 am - 12.00 pm	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Ts. Prof. Dr. Tan Chee Fai	0/1.	CESIG	
	Meeting of Technical Committee on Geotechnical Works (NSC 04/ TC 17) Bil. 1/2023	21/02/2023 10.00 am - 12.30 pm	Bilik Mesyuarat WTO, Aras 4, Menara 2 Cyberjaya Axis, Jabatan Standard Malaysia, Cyberjaya	Ir. Yee Thien Seng	1/1.	GETD	
	Meeting of Technical Committee on Geotechnical Works (NSC 04/ TC 17) Bil. 2/2023	21/03/2023 10.00 am - 12.30 pm	Zoom Meeting	Ir. Yee Thien Seng	1/1.	GETD	
	Meeting of Technical Committee on Geotechnical Works (NSC 04/ TC 17) Bil. 3/2023	04/04/2023 9.30 am - 12.30 pm	Zoom Meeting	Ir. Yee Thien Seng	1/1.	GETD	
	Meeting of Technical Committee on Lightning Protection NSC 05/ TC 13 (previously TC/E/13) Bil. 1/2023	18/05/2023 9.30 am - 1.00 pm	JSM, Cyberjaya	Ir. Lim Kim Ten	1/1.	EETD	
	Meeting of Technical Committee on Cement (NSC 04/TC 25) Bil. 1/2023	14/03/2023 10.00 am - 12.30 pm	Zoom Meeting	Ir. Dr. Sudharshan a/l Naidu	1/1.	CSETD	
	Meeting of Technical Committee on Anaesthetic/Respiratory and Electromechanical Devices (NSC 18/TC 3) Bil.1/2023	15/05/2023 2.30 pm - 5.00 pm	Bilik Mesyuarat ISO, Aras 6, Jabatan Standard Malaysia, Menara 2, Menara Cyber Axis, Jalan Impact, 63000 Cyberjaya	Ir. Lim Kim Ten	1/1.	EETD	
	Meeting of Technical Committee on Safety of Household and Similar Electrical Appliances (NSC 19/TC 5) Bil. 1/2023	25/05/2023 9.30 am	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Lim Kim Ten	1/1.	EETD	
	Meeting of Technical Committee on Safety of Household and Similar Electrical Appliances (NSC 19/TC 5) Bil. 2/2023	10/08/2023 9.30 am	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Lim Kim Ten	1/1.	EETD	
	Meeting of Technical Committee on Fire Properties Of Building Materials (NSC 13/TC 6) Bil.1/2023	02/06/2023 9.30 am - 12.00 pm	Bilik Mesyuarat IAF, Aras 5, Menara 2, Jabatan Standard Malaysia (JSM), Menara Cyber Axis, Cyberjaya Selangor	Ir. Loo Chee Kin	1/1.	FAB	
	Meeting of Technical Committee on IECEE CB (previously CBMC) Bil. 1/2023	06/06/2023 9.30 am - 1.00 pm	Bilik ISO, Aras 6, JSM, Cyberjaya	Ir. Lee Cheng Pay	0/1.	EETD	
	Meeting of Technical Committee on Circular Economy (NSC 26/TC 12) Bil. 1/2023	17/08/2023 9.30 am - 12.30 pm	Zoom Meeting	Ir. Dr. Teo Fang Yenn	1/1.	ENETD	
	Meeting of Technical Committee on Ergonomics (NSC 23/TC 3) Bil. 1/2023	27/09/2023 9.30 am	Bilik Mesyuarat WTO, Aras 4, Menara 2 Cyberjaya Axis, Jabatan Standard Malaysia, Cyberjaya	Ir. Dr. Ong Chong Yong	1/1.	SESIG	
	Meeting on Technical Committee on IEC System for Certification to Standards Relating to Equipment for Use in Explosive Atmospheres (TC on IECEx) Bil. 1/2023	06/11/2023 10.00 am - 1.00 pm	Bilik Mesyuarat ISO, Aras 6, Jabatan Standard Malaysia, Menara 2, Menara Cyber Axis, Jalan Impact, 63000 Cyberjaya	Ir. Faridon bin Talib	1/1.	EETD	
	Meeting of Technical Committee On Equipment For Explosive Atmospheres (NSC 19/TC 2) Bil. 1/2023	16/05/2023 2.30 pm	Bilik Mesyuarat ISO Aras 6, Jabatan Standard Malaysia, Cyberjaya	Ir. Faridon bin Talib	1/1.	EETD	
	Meeting of Technical Committee On Equipment For Explosive Atmospheres (NSC 19/TC 2) Bil. 2/2023	04/09/2023 9.30 am	Bilik Mesyuarat ISO Aras 6, Jabatan Standard Malaysia, Cyberjaya	Ir. Alex Looi	1/1.	EETD	
	Meeting of Technical Committee On Equipment For Explosive Atmospheres (NSC 19/TC 2) Bil. 3/2023	12/12/2023 10.00 am - 1.00 pm	Room 3702, Level 37, Tower 1, PETRONAS Twin Towers, KLCC	Ir. Faridon bin Talib	0/1.	EETD	

Organiser	Title	Date / Time	Venue	Representatives	Attendance	Committee	Remarks
Dialogue / Meetings:	Meeting of Working Group on Electrical Household for Heating Appliances (NSC 19/TC 5/WG 2) Bil. 4/2023	08/11/2023 9.30 am - 1.00 pm	Bilik Mesyuarat ISO, Aras 6, Jabatan Standard Malaysia, Menara 2, Menara Cyber Axis, Jalan Impact, 63000 Cyberjaya	Ir. Dr. Siow Chun Lim	1/1.	EETD	
	Meeting of Working Group on Electrical Household Combined, General and Other Appliances (NSC 19/TC 5/WG 3 - WG/S/5-3) Bil 3/2023	12/09/2023 9.30 am	Google Meet	Ir. Lee Cheng Pay	0/1.	EETD	
	Meeting of Working Group on Electrical Household Combined, General and Other Appliances (NSC 19/TC 5/WG 3 - WG/S/5-3) Bil 4/2023	08/11/2023 9.30 am - 1.00 pm	Bilik Mesyuarat ISO, Aras 6, Jabatan Standard Malaysia, Menara 2, Menara Cyber Axis, Jalan Impact, 63000 Cyberjaya	Ir. Lee Cheng Pay	0/1.	EETD	
	Meeting of Working Group on Portable Fire Extinguishers (NSC 13/TC 5/WG 1) Bil. 1/2023	18/07/2023 9.30 am - 1.00 pm	Bilik Seminar 1, Pusat Penyelidikan Kebombaan (Puspek), Lengku Teknologi Kawasan Perindustrian Bandar Enstek, 71760 Nilai, Negeri Sembilan	Ir. Dr. Hee Choi	1/1.	FAB	
	Meeting of Focus Group (Kumpulan 1) under Working Group on Portable Fire Extinguisher (NSC 13/TC 5/WG 1) Bil. 1/2023	14/06/2023 10.00 am - 12.00 pm	Bilik Mesyuarat WTO, Aras 4, Menara 2 Cyberjaya Axis, Jabatan Standard Malaysia, Cyberjaya	Ir. Cha Hoong Kum	1/1.	FAB	
	Meeting of Focus Group (Kumpulan 1) under Working Group on Portable Fire Extinguisher (NSC 13/TC 5/WG 1) Bil. 2/2023	23/06/2023 9.30 am - 12.00 pm	Bilik Mesyuarat IAF, Aras 5, Jabatan Standard Malaysia (JSM), Menara 2, Menara Cyber Axis, Jalan Impact 63000 Cyberjaya, Selangor	Ir. Cha Hoong Kum	0/1.	FAB	
	Meeting of Working Group on Guidelines for Fire Detection and Fire Alarm Systems (NSC 13/TC 1/WG 2) Bil. 1/2023	18/04/2023 9.30 am - 11.30 am	Google Meet	Ir. Loo Chee Kin	1/1.	FAB	
	Meeting of Working Group on Guidelines for Fire Detection and Fire Alarm Systems (NSC 13/TC 1/WG 2) Bil. 2/2023	16/05/2023 9.30 am - 12.00 pm	Bilik Mesyuarat WTO, Aras 4, Menara 2 Cyberjaya Axis, Jabatan Standard Malaysia, Cyberjaya	Ir. Loo Chee Kin	1/1.	FAB	
	Meeting of Working Group on Guidelines for Fire Detection and Fire Alarm Systems (NSC 13/TC 1/WG 2) Bil. 3/2023	10/10/2023 9.30 am - 12.00 pm	Google Meet	Ir. Lim Kim Ten Ir. Loo Chee Kin	1/1. 1/1.	FAB FAB	
	Meeting of Working Group on Road Lighting NSC 19/TC 3/WG 3 (WG/S/3-3) Bil. 1/2023	06/01/2023 9.00 am - 12.00 pm	Google Meet	Ir. Chong Chew Fan	1/1.	EETD	
	Meeting of Working Group on Road Lighting NSC 19/TC 3/WG 3 (WG/S/3-3) Bil. 2/2023	14/03/2023 9.00 am - 1.00 pm	Bilik ISO, Aras 6, Menara 2, Menara Cyber Axis, Jalan Impact, 63000 Cyberjaya, Selangor	Ir. Chong Chew Fan	1/1.	EETD	
	Meeting of Working Group on Road Lighting NSC 19/TC 3/WG 3 (WG/S/3-3) Bil. 3/2023	26/05/2023 9.30 am	Google Meet	Ir. Chong Chew Fan	1/1.	EETD	
	Meeting of Working Group on Road Lighting NSC 19/TC 3/WG 3 (WG/S/3-3) Bil. 4/2023	23/06/2023 9.30 am - 12.00 pm	Google Meet	Ir. Chong Chew Fan	1/1.	EETD	
	Meeting of Working Group on Road Lighting NSC 19/TC 3/WG 3 (WG/S/3-3) Bil. 5/2023	10/07/2023 9.30 am - 12.00 pm	Google Meet	Mr. Chan Chi Yen	1/1.	EETD	
	Meeting of Working Group on Road Lighting NSC 19/TC 3/WG 3 (WG/S/3-3) Bil. 6/2023	18/08/2023 9.30 am	Google Meet	Ir. Chong Chew Fan	1/1.	EETD	
	Meeting of Working Group on Road Lighting NSC 19/TC 3/WG 3 (WG/S/3-3) Bil. 7/2023	31/10/2023 2.00 - 5.00 pm	Bilik Ilusyin, Hotel Sama-Sama KLIA Sepang	Mr. Chan Chi Yen	0/1.	EETD	

Organiser	Title	Date / Time	Venue	Representatives	Attendance	Committee	Remarks
Dialogue / Meetings:	Meeting of Working Group on Road Lighting NSC 19/TC 3/WG 3 (WG/S/3-3) Bil. 8/2023	30/11/2023 9.30 am - 1.00 pm	Google Meet	Ir. Chong Chew Fan	0/1.	EETD	
	Meeting of Working Group on Solar Photovoltaic Systems NSC 05/TC 8/WG 1 - (WG/E/8-1) Bil. 1/2023	07/03/2023 9.30 am	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Roger Wong Chin Weng	1/1.	EETD	
	Meeting of Working Group on Solar Photovoltaic Systems NSC 05/TC 8/WG 1 - (WG/E/8-1) Bil. 2/2023	22/05/2023 9.30 am	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Roger Wong Chin Weng	1/1.	EETD	
	Meeting of Working Group on Solar Photovoltaic Systems NSC 05/TC 8/WG 1 - (WG/E/8-1) Bil. 3/2023	06/07/2023 9.30 am	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Roger Wong Chin Weng	1/1.	EETD	
	Meeting of Working Group on Solar Photovoltaic Systems NSC 05/TC 8/WG 1 - (WG/E/8-1) Bil. 5/2023	TBA 9.30 am	TBC	Ir. Lee Cheng Pay	1/1.	EETD	
	Meeting of Working Group on Circuit Breaker and Similar Equipment For Household Use NSC 05/TC 5/WG 1 - (WG/E/5-1) Bil. 1/2023	10/01/2023 9.30 am	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Lee Cheng Pay	1/1.	EETD	
	Meeting of Working Group on Circuit Breaker and Similar Equipment For Household Use NSC 05/TC 5/WG 1 - (WG/E/5-1) Bil. 2/2023	21/03/2023 10.00 am - 1.00 pm	Online	Ir. Lee Cheng Pay	1/1.	EETD	
	Meeting of Working Group on Circuit Breaker and Similar Equipment For Household Use NSC 05/TC 5/WG 1 - (WG/E/5-1) Bil. 3/2023	08/06/2023 9.30 am - 1.00 pm	Bilik ISO, Aras 6, Menara 2, Menara Cyber Axis, Jalan Impact, 63000 Cyberjaya, Selangor	Ir. Lee Cheng Pay	1/1.	EETD	
	Meeting of Working Group on Protection Relay Devices NSC 05/TC 7/WG 5 (WG/E/7-5) Bil.1/2023	09/03/2023 9.30 am - 1.00 pm	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Chong Chew Fan	1/1.	EETD	
	Meeting of Working Group on Protection Relay Devices NSC 05/TC 7/WG 5 (WG/E/7-5) Bil.2/2023	13/04/2023 9.30 am	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Chong Chew Fan	1/1.	EETD	
	Meeting of Working Group on Protection Relay Devices NSC 05/TC 7/WG 5 (WG/E/7-5) Bil.3/2023	15/06/2023 9.30 am	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Lim Kim Ten	1/1.	EETD	
	Meeting of Working Group on Protection Relay Devices NSC 05/TC 7/WG 5 (WG/E/7-5) Bil.4/2023	17/08/2023 9.30 am	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Lim Kim Ten	1/1.	EETD	
	Meeting of Working Group on Protection Relay Devices NSC 05/TC 7/WG 5 (WG/E/7-5) Bil.5/2023	21/09/2023 9.30 am	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Lim Kim Ten	0/1.	EETD	
	Meeting of Working Group on Protection Relay Devices NSC 05/TC 7/WG 5 (WG/E/7-5) Bil.6/2023	18/10/2023 9.30 am	Bilik Mesyuarat London, Aras 7, Menara 2, Menara Cyber Axis, Jalan Impact, 63000 Cyberjaya, Selangor	Ir. Chong Chew Fan	1/1.	EETD	
	Meeting of Working Group on Electrical Appliances for Air Conditioning and Refrigerating Appliances NSC 19/TC 5/WG 4 (WG/S/5-4) Bil. 1/2023	16/01/2023 9.30 am	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Lee Cheng Pay	1/1.	EETD	
	Meeting of Working Group on Electrical Appliances for Air Conditioning and Refrigerating Appliances NSC 19/TC 5/WG 4 (WG/S/5-4) Bil. 2/2023	03/07/2023 9.30 am	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Lee Cheng Pay	1/1.	EETD	
	Meeting of Working Group on Electrical Appliances for Air Conditioning and Refrigerating Appliances NSC 19/TC 5/WG 4 (WG/S/5-4) Bil. 3/2023	24/08/2023 9.30 am	Bilik ISO, Aras 6, Jabatan Standard Malaysia	Ir. Lee Cheng Pay	1/1.	EETD	
	Meeting of Working Group on Smoke and Heat Control Systems (NSC 13/TC 4/WG 3) Bil. 1/2023	21/02/2023 9.30 am - 1.00 pm	Google Meet	Ir. Yim Hon Wa	1/1.	FAB	

Organiser	Title	Date / Time	Venue	Representatives	Attendance	Committee	Remarks
Dialogue / Meetings:	Meeting of Working Group on Cables (NSC 05/TC 15/WG 1) Bil. 1/2023	02/03/2023 9.30 am - 1.00 pm	Malaysian Cable Manufacturers Association, B-9-18, Capital 2, Oasis Square, No.2, Jalan PJU 1A/7A, Oasis Damansara, 47301 Petaling Jaya, Selangor Darul Ehsan	Mr. Chan Chi Yen	1/1.	EETD	
	Meeting of Working Group on Cables (NSC 05/TC 15/WG 1) Bil. 2/2023	20/06/2023 10.00 am - 1.00 pm	Malaysian Cable Manufacturers Association, B-9-18, Capital 2, Oasis Square, No.2, Jalan PJU 1A/7A, Oasis Damansara, 47301 Petaling Jaya, Selangor Darul Ehsan	Mr. Chan Chi Yen	1/1.	EETD	
	Meeting of Working Group on Cables (NSC 05/TC 15/WG 1) Bil. 3/2023	22/08/2023 10.00 am - 1.00 pm	Bilik WTO, Aras 4, Jabatan Standard Malaysia, Cyberjaya	Mr. Chan Chi Yen	1/1.	EETD	
	Meeting of Working Group on Cables (NSC 05/TC 15/WG 1) Bil. 4/2023	15/11/2023 10.00 am - 1.00 pm	MCMA, Ara Damansara	Mr. Chan Chi Yen	1/1.	EETD	
	Meeting of Working Group on Explosion Suppression Systems (NSC 13/TC 2/ WG 1) Bil. 1/2023	07/03/2023 9.30 am - 12.30 pm	Bilik Mesyuarat IAF, Aras 5, Jabatan Standard Malaysia (JSM), Menara 2, Menara Cyber Axis, Jalan Impact 63000 Cyberjaya, Selangor	Ir. Loo Chee Kin	1/1.	FAB	
	Meeting of Working Group on Aluminium and Aluminium Alloy (NSC 16/TC 9/WG 2) Bil. 1/2023	22/03/2023 9.00 am - 1.00 pm	Zoom Meeting	Dr. Lim Chin Seong	0/1.	METD	
	Meeting of Working Group on Electrical Installation of Buildings (NSC 05/TC 14/WG 1) Bil. 1/2023	14/04/2023 9.30 am - 12.00 pm	Google Meet	Ir. Ng Win Siau	0/1.	EETD	
	Meeting of Working Group on Electrical Installation of Buildings (NSC 05/TC 14/WG 1) Bil. 2/2023	12/05/2023 9.30 am	Google Meet	Ir. Ng Win Siau	1/1.	EETD	
	Meeting of Working Group on Electrical Installation of Buildings (NSC 05/TC 14/WG 1) Bil. 3/2023	31/05/2023 2.30 pm	Google Meet	Ir. Ng Win Siau	0/1.	EETD	
	Meeting of Working Group on Electrical Installation of Buildings (NSC 05/TC 14/WG 1) Bil. 4/2023	13/06/2023 10.00 am	Google Meet	Ir. Ng Win Siau	1/1.	EETD	
	Meeting of Working Group on Electrical Installation of Buildings (NSC 05/TC 14/WG 1) Bil. 5/2023	04/07/2023 2.30 pm	Google Meet	Ir. Ng Win Siau	1/1.	EETD	
	Meeting of Working Group on Code of Practice for Glass (NSC 04/TC 9/WG 6) Bil. 1/2023	19/05/2023 9.30 am - 12.00 pm	Zoom Meeting	Ir. Tu Yong Eng	1/1.	CSETD	
	Meeting of Working Group on Guideline for Pipeline Life Extension Study (NSC 08/TC 7/ WG 7) Bil. 1/2023	27/09/2023 10.00 am - 4.00 pm	Bilik Mesyuarat IAF, Aras 5, Jabatan Standard Malaysia (JSM), Menara 2, Menara Cyber Axis, Jalan Impact 63000 Cyberjaya, Selangor	Ir. Lee Chang Quan	1/1.	OGMTD	
	Meeting of Working Group on Guideline for Pipeline Life Extension Study (NSC 08/TC 7/ WG 7) Bil. 2/2023	25/10/2023 10.00 am - 4.00 pm	TBA	Ir. Lee Chang Quan	1/1.	OGMTD	
	Meeting of Working Group on Solar Energy Technologies (NSC 05/TC 8/WG 5) Bil. 1/2023	11/09/2023 9.30 am	TBC	Ir. Roger Wong Chin Weng	1/1.	EETD	
	Meeting of Working Group on Solar Energy Technologies (NSC 05/TC 8/WG 5) Bil. 2/2023	06/10/2023 9.30 am	Google Meet	Ir. Kwok Yew Hoe	1/1.	EETD	
	Meeting of Working Group on Solar Energy Technologies (NSC 05/TC 8/WG 5) Bil. 3/2023	10/11/2023 9.30 am	Bilik Mesyuarat London, Aras 7, Menara 2, Menara Cyber Axis, Jalan Impact, 63000 Cyberjaya, Selangor	Ir. Kwok Yew Hoe	1/1.	EETD	
	Meeting of Working Group on Fire Rated Lift Landing Doors (NSC 13/TC 6/WG 1) Bil. 1/2023	14/12/2023 9.30 am - 11.30 am	Google Meet	Ir. Loo Chee Kin	1/1.	FAB	

Organiser	Title	Date / Time	Venue	Representatives	Attendance	Committee	Remarks
Dialogue / Meetings:	Jemputan Mesyuarat Antarabangsa IEC TC 61	05/06-21/06/2023 local time	Copenhagen	Ir. Lim Kim Ten Ir. Lee Cheng Pay	0/1. 0/1.	EETD EETD	
	26th Meeting of International Electrotechnical Commission System of Conformity Assessment Schemes for Electrotechnical Equipment and Components Certification Management Committee (IECEE CMC)	28/06-29/06/2023 local time	Milwaukee, Wisconsin, US	Ir. Lee Cheng Pay	0/1.	EETD	
	Mesyuarat ISO/TC 92/SC 4 Fire Safety Engineering	28/06/2023	Zoom Meeting	Ir. Thin Choon Chai	1/1.	FAB	
	Meeting on Permohonan Input Berkenaan Semakan Semula MS 183:2001 Specification for Industrial Safety Helmet (First Revision)	31/07/2023 2.30 pm - 5.00 pm	Zoom Meeting	Ir. Irin binti Ismail	1/1.	SESIG	
	Mesyuarat ISO/TC 21/SC 5 Fixed Firefighting Systems Using Water	07/11-09/11/2023 9.00 am - 5.00 pm	Zoom Meeting	Ir. Wong See Foong	1/1.	FAB	
	NSC 25 ISO Annual Meeting 2023	18/09-22/09/2023 local time	Brisbane, Australia & Online	Ir. Choo Chee Ming	0/1.	ENETD	
	Mesyuarat ISO/TC 92/SC 1 Fire Initiation and Growth	01/11/2023 8.30 am	Zoom Meeting	Ir. Alan Chan Teck Wai	1/1.	FAB	
	Mesyuarat ISO/TC 92/SC 3 Fire Threat to People and Environment	01/11/2023 12.30 pm	Zoom Meeting	Ir. Alan Chan Teck Wai	1/1.	FAB	
	Mesyuarat ISO/TC 89 berkenaan Ceramic Tiles	09/11-11/11/2023 Mexico time	Heroica Puebla De Zaragoza, Mexico	Ir. Luk Chau Beng	0/1.	METD	
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshops:	Bengkel Halatuju Aktiviti Standardisasi di Bawah Jawatankuasa Standard Kebangsaan Berkenaan Occupational Safety and Health (NSC 23)	13/03-14/03/2023 8.30 am - 5.30 pm	Bangi Resort Hotel, Bandar Baru Bangi	Ir. Yeoh Jit Shiong Ir. Francis Ngiam Kee Hwee	1/1. 1/1.	SESIG SESIG
Bengkel Penambahbaikan Garis Panduan Pendawaian Elektrik Pemasangan Domestik (GPPEPD)		21/06-22/06/2023 9.00 am	The Everly Hotel, Putrajaya	Ir. Ng Win Siau Ir. Lee Cheng Pay Ir. Dr. Siow Chun Lim	1/1. 1/1. 1/1.	EETD EETD EETD	
Bengkel Pembangunan Malaysian Standards (MS) Ulangkaji Kedua MS 1910:2017 Fixed Firefighting Systems - Automatic Sprinkler Systems - Design, Installation and Maintenance (First Revision)		18/09-19/09/2023 8.00 am - 1.00 pm	Dewan Serbaguna, Menara Cyber Axis, Jalan Impact 63000 Cyberjaya Selangor	Ir. Wong See Foong Ir. Thin Choon Chai	1/1. 1/1.	FAB FAB	
2023 Asia-Pacific Regional Young Professionals Campaign		12/07-16/07/2023 local time	Shenzhen, China	Mr. Chan Chi Yen	0/1.	EETD	
IEC Young Professionals Workshop 2023		22/10-26/10/2023 local time	Cairo, Egypt	Mr. Chan Chi Yen	0/1.	EETD	
Sesi Pengujian Teknologi Kamera di Lebuhraya Fadason, Kepong (NSC 19/TC 3/WG 3)		05/07/2023 9.00 pm	Kepong	Ir. Chong Chew Fan	1/1.	EETD	
Bengkel Pembangunan Malaysian Standards MS 825 Series di bawah Kumpulan Kerja NSC 19/TC 3/WG 3 Road Lighting		10/07-11/07/2023 8.30 am - 5.00 pm	Hotel Sama-Sama, KLIA Sepang, Selangor	Mr. Cha Chi Yen Ir. Lee Cheng Pay	1/1. 1/1.	EETD EETD	
TC on IECEX - IECEX Management Committee Meeting		18/09-22/09/2023 local time	Edinburgh, UK	Ir. Loo Chee Kin	0/1.	EETD	
Mesyuarat International Electrotechnical Commission on Smart Manufacturing (IEC SyCSM)		20/11-24/11/2023 local time	Sydney, Australia	Ir. Ts. Prof. Dr. Tan Chee Fai	0/1.	EETD	
Pindaan Berkenaan Sesi Perbincangan Bersama Perunding KPKT		12/09/2023 10.00 am - 12.00 pm	Bilik Mesyuarat ISO, Aras 6, Jabatan Standard Malaysia, Cyberjaya	no representative	0/1.		
Bengkel Pembangunan Deraf Malaysian Standard (MS) Berkaitan Keselamatan Kebakaran MS 1539-7 Specification For Portable Fire Extinguishers - Part 7: Transportation		31/10/2023 9.00 am - 5.00 pm	Dewan Serbaguna, Menara Cyber Axis, Jalan Impact 63000 Cyberjaya Selangor	Ir. Cha Hoong Kum	0/1.	FAB	

Organiser	Title	Date / Time	Venue	Representatives	Attendance	Committee	Remarks
(11) Greenbuildingindex Sdn Bhd							
Dialogue / Meetings:	Working Group Meeting of Non-Residential New Construction (NRNC) Version 2.0 Tool Development	07/06/2023 10.00 am	Zoom Meeting	no representative	0/1.	BSTD	
(12) Human Resources Development Corporation (HRD Corp)							
Dialogue / Meetings:	The Sectorial Training Committee (STC) Briefing Session	25/09/2023 11.00 am - 12.00 pm	Microsoft Teams	Ir. Yau Chau Fong	1/1.	PPC	
Dialogue / Meetings:	STC: Construction (2023-2025) Meeting No. 3/2023	03/11/2023 10.00 am - 12.00 pm	Microsoft Teams	Ir. Yau Chau Fong	1/1.	PPC	
(13) IKRAM QA Services Sdn. Bhd.							
Dialogue / Meetings:	Mesyuarat CAC 1/2023 Bil 21	10/05/2023 10.00 am - 12.30 pm	Bilik Mawar 2, Level 1, Bangi Resort Hotel, Bangi, Selangor	Ir. Lai Sze Ching	1/1.	PPC	
Dialogue / Meetings:	Mesyuarat CAC 2/2023 Bil 22	07/12/2023 10.00 am - 12.30 pm	Bilik Dahlia 5, Level 2, Bangi Resort Hotel, Bangi, Selangor	Ir. Lai Sze Ching	1/1.	PPC	
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	IKRAM Eid Celebration 2023	16/05/2023 11.00 am - 4.00 pm	IKRAM QA, Block 5, Ground Floor	Ir. Lai Sze Ching	0/1.	PPC	
(14) Jabatan Alam Sekitar (JAS)							
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Bengkel Sesi Libat Urus Persediaan Kigali Implementation Plan (KIP) Bagi Pengurangan Penggunaan Hidroflorokarbon (HFC) di Malaysia	06/03/2023 8.30 am - 2.00 pm	Zoom Meeting	Ir. Al-Khairi bin Mohd Daud	1/1.	BSTD	
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Bengkel Pelancaran Persediaan Pelan Pengurusan Penghapusan HCFC Peringkat III (HPMP Stage III)	11/05/2023 9.00 am - 12.00 pm	Zoom Meeting	no representative	0/1.	ENETD	
(15) Jabatan Bomba & Penyelamat Malaysia / Fire and Rescue Department Malaysia							
Dialogue / Meetings:	Mesyuarat Kajian Awal Mengenai Kos Tambahan Untuk Pemasangan Alat Pengecas Kenderaan Elektrik	12/06/2023 2.30 pm	Bilik Mesyuarat Mawar, Bahagian Keselamatan Kebakaran, Aras 1, Ibu Pejabat, Jabatan Bomba dan Penyelamat Malaysia, Lebu Wawasan, Presint 7, 62250 Putrajaya	Ir. Amir Hussein bin Jaafar Ir. Alan Chan Teck Wai	1/1. 1/1.	EETD FAB	
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan ke Pelancaran Program Kesiapsiagaan Musim Perayaan dan Kempen Keselamatan Sempena Tahun Baru Cina 2023 Jabatan Bomba dan Penyelamat Malaysia	16/01/2023 2.00 pm	Piazza, Level 3, Pavilion Bukit Jalil, No. 2, Persiaran Bukit Jalil 8, Bandar Bukit Jalil, 57000 Kuala Lumpur.	Ir. Alan Chan Teck Wai Ir. Ng Beng Hooi	1/1. 1/1.	FAB FAB	
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Sesi Libat Urus Berkaitan Pembangunan Garis Panduan Penentuan Pemasangan Keselamatan Kebakaran (PKK) bagi Electric Vehicle Charging Station (EVCS)	11/05/2023 9.00 am - 2.00 pm	Bilik Mesyuarat Tanjung, Aras G, Ibu Pejabat, Jabatan Bomba dan Penyelamat Malaysia, Lebu Wawasan, Presint 7, 62250 Putrajaya.	Ir. Alan Chan Teck Wai Ir. Chong Chew Fan Ir. Dr. Hee Choi	1/1. 1/1. 1/1.	FAB FAB FAB	
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Sesi Libat Urus Berkaitan Pembangunan Garis Panduan Keselamatan Kebakaran (PKK) bagi Electric Vehicle Charging Station (EVCS) di Premis	10/07/2023 9.00 am	Bilik Mesyuarat Tanjung, Aras G, Ibu Pejabat, Jabatan Bomba dan Penyelamat Malaysia, Lebu Wawasan, Presint 7, 62250 Putrajaya.	Ir. Dr. Hee Choi Ir. Alan Chan Teck Wai Ir. Amir Hussein bin Jaafar	1/1. 1/1. 1/1.	FAB FAB EETD	

Organiser	Title	Date / Time	Venue	Representatives	Attendance	Committee	Remarks
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Sesi Libat Urus Rang Undang-Undang Perkhidmatan Bomba (Pindaan) 2024 Jabatan Bomba Dan Penyelamat Malaysia	18/12/2023 8.30 am	Bilik Mesyuarat Tanjung, Jabatan Bomba dan Penyelamat Malaysia	Ir. Wong See Foong	1/1.	FAB	
				Ir. Loo Chee Kin	1/1.	FAB	
(16) Jabatan Bomba & Penyelamat Malaysia Kuala Lumpur							
Dialogue / Meetings:	Mesyuarat Dialog Bersama Profesional Bil 1/2023	14/07/2023 3.00 pm	Bilik Mesyuarat Nilam, JBPM Kuala Lumpur	Ir. Loo Chee Kin	1/1.	FAB	
				Ir. Gary Lim Eng Hwa	1/1.	FAB	
(17) Jabatan Kerja Raya Malaysia (JKR)							
Dialogue / Meetings:	Mesyuarat Jawatankuasa Kecil Menyemak dan Mengemaskini Dokumen Teknikal Jalan - JKR Standard Specification For Road Works Section 17: Site Investigation (JKR/SPJ/2013-S17) Bil. 1/2023	10/01/2023 9.30 am - 12.30 pm	Google Meet	Ir. Yee Thien Seng	0/1.	GETD	<i>postponed</i>
				Ir. Mak Wai Kin	0/1.	GETD	
	Mesyuarat Penyelaras Penyediaan Laporan Siasatan Forensik Bil. 1/2023 - Tanah Runtuh Jalan Batang Kali - Genting Highlands	07/02/2023 10.00 am	Bilik Mesyuarat Utama, Cawangan Jalan Tingkat 5, Blok F, Ibu Pejabat JKR Malaysia, Jalan Sultan Salahuddin, 50480 Kuala Lumpur.	Ir. Yee Thien Seng	1/1.	GETD	
	Mesyuarat Penyelaras Penyediaan Laporan Siasatan Forensik Bil. 2/2023 - Tanah Runtuh Jalan Batang Kali - Genting Highlands	16/02/2023 10.00 am	Bilik Mesyuarat Utama, Cawangan Jalan Tingkat 5, Blok F, Ibu Pejabat JKR Malaysia, Jalan Sultan Salahuddin, 50480 Kuala Lumpur.	Ir. Yee Thien Seng	1/1.	GETD	
	Mesyuarat Penyelaras Penyediaan Laporan Siasatan Forensik Bil. 3/2023 - Tanah Runtuh Jalan Batang Kali - Genting Highlands	28/03/2023 2.30 pm	Google Meet	Ir. Yee Thien Seng	1/1.	GETD	
	Jawatankuasa Kumpulan Kerja Tanah Runtuh (JKKTR) di Laluan B66, Seksyen 14.0, Jalan Batang Kali - Genting Highlands, Daerah Hulu Selangor, Selangor Darul Ehsan (Bengkel Penyediaan Laporan Terperinci)	08/05-10/05/2023 9.00 am - 5.00 pm	Hotel Seri Malaysia Genting Highlands, No. 11, Jalan Jati 1, Goh Tong Jaya, 69000 Genting Highlands, Pahang	Ir. Yee Thien Seng	1/1.	GETD	
(18) Jabatan Perancangan Bandar dan Desa (PLANMalaysia)							
Dialogue / Meetings:	Mesyuarat Berkaitan Prosedur Permohonan dan Kelulusan Pemajuan Stesen Pengecasan Kenderaan Letrik (EV) Bersama Pihak Berkuasa Tempatan (PBT) (ProEV)	16/05/2023 9.30 am	Bilik Persidangan Tanjung, Aras 13, Jabatan Perancangan Bandar dan Desa (PLANMalaysia)	Ir. Yau Chau Fong	1/1.	EETD	
				Ir. Amir Hussein bin Jaafar	1/1.	EETD	
Dialogue / Meetings:	Perbincangan Penyelaras Berkaitan Garis Panduan Jabatan Perancangan Bandar dan Desa (PLANMalaysia) dan Garis Panduan Jabatan Bomba dan Penyelamat Malaysia (JBPM) bagi Stesen Pengecasan Kenderaan Elektrik (EV)	26/06/2023 2.30 pm	Bilik Persidangan Tanjung, Aras 13, Jabatan Perancangan Bandar dan Desa (PLANMalaysia)	Ir. Lim Kim ten	1/1.	FAB	
				Ir. Dr. Hee Choi	1/1.	FAB	
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Sesi Libat Urus Ketua Pengarah Perancangan Bandar dan Desa Bersama Charge Point Operator (CPO) Berkaitan Prosedur dan Garis Panduan Berkaitan Pemajuan Stesen Pengecasan Kenderaan Elektrik	20/07/2023 2.30 pm	Bilik Persidangan Tanjung, Aras 13, Blok F, Kompleks F, Presint 1, Jabatan Perancangan Bandar dan Desa (PLANMalaysia), Putrajaya	Ir. Ng Win Siau	1/1.	EETD	

Organiser	Title	Date / Time	Venue	Representatives	Attendance	Committee	Remarks
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Forum Hebahan Garis Panduan Perancangan Electric Vehicle Charging Bay (GPP EVCB) dan Prosedur Permohonan Pemajuan	22/11/2023 9.00 am - 4.30 pm	Leo Moggie Convention Center, Tenaga Nasional Berhad, TNB Platinum, No. 3, Jalan Bukit Pantai, Bangsar, 59100 Kuala Lumpur.	Ir. Alan Chan Teck Wai	1/1.	FAB	
				Ir. Lee Cheng Pay	1/1.	EETD	
(19) Jabatan Pengairan dan Saliran (JPS)							
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Sesi Townhall Peta Hazard Banjar	20/09/2023 9.00 am	Dewan Pameran, Aras 1, Menara Usahawan, Presint 2, 62000 Putrajaya	Ir. Sreedaran a/l Raman	1/1.	WRD	
(20) Kementerian Kesihatan Malaysia (KKM)							
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Bengkel Kompetensi Teknikal Peranti Perubatan, Pihak Berkuasa Peranti Perubatan (MDA)	08/11-10/11/2023 9.00 am - 5.00 pm	Cyberjaya	Ir. Lim Kim Ten	1/1.	EETD	
(21) Kementerian Sumber Asli, Alam Sekitar Dan Perubahan Iklim (KETS)							
Dialogue / Meetings:	Mesyuarat Jawatankuasa Teknikal Penggubalan Akta Kecekapan dan Konservasi Tenaga Serta Peraturan-Peraturan di Bawahnya Bil. 1/2023	23/11/2023 9.30 am - 11.30 am	Bilik Mutiara, Aras 13, Wisma Sumber Asli, Putrajaya	Ir. Francis Xavier Jacob	0/1.	PPC	
(22) Kementerian Sumber Manusia (MOHR)							
Dialogue / Meetings:	Mesyuarat Jawatankuasa Teknikal Standard (JTS) Bil. 4/2023	26/10/2023 8.30 am - 4.30 pm	Bilik Mesyuarat Boeing 1 & 2, Hotel Sama-Sama, KLIA	Ir. Dr. Ezzarhan bin Abdullah	1/1.	SESIG	
Conferences / Events / Forums / Seminars / Talks / Trainings / Workshop:	Bengkel OSHCIM-BIM Bagi Skop Pentaksiran Risiko Rekabentuk dan Pengurusan Projek Pembinaan	31/10/2023 9.00 am - 5.00 pm	Universiti Putra Malaysia, Rashdan Baba Auditorium, Putra Business School, 43400 Seri Kembangan, Selangor.	Ir. Syed Neguib bin Syed Mohamed	1/1.	PPC	
	Bengkel Panduan Keselamatan dan Kesihatan Pekerjaan (KKP) Dalam Perolehan Kerajaan	20/10/2023 9.00 am - 4.30 pm	Dewan Rafflesia, Aras 2, Menara NIOSH, National Institute of Occupational Safety and Health (NIOSH), Bandar Baru Bangi, Selangor.	Ir. Gary Lim Eng Hwa	1/1.	SESIG	
				Ir. Razmahwata bin Mohamad Razalli	1/1.	SESIG	
Ms. Ainarull binti Assikin	1/1.	SESIG					
(23) Kementerian Perumahan dan Kerajaan Tempatan (KPKT)							
Dialogue / Meetings:	PEMUDAH Technical Working Group on Dealing with Construction Permits (TWGDPC) Meeting No. 1/2023	23/05/2023 9.30 am - 12.00 pm	Bilik Mesyuarat Berlian, Level 18, Kementerian Pembangunan Kerajaan Tempatan (KPKT), Putrajaya	Ir. Gunasagaran a/l Kristnan	1/1.	PPC	
	Focus Group on Regulatory Compliance Cost (FGRCC) Meeting No. 2/2023	15/06/2023 3.00 pm - 4.30 pm	Bilik Majlis & Online Meeting via Teams	Ir. Gunasagaran a/l Kristnan	1/1.	PPC	
	Focus Group on Regulatory Compliance Cost (FGRCC) Meeting No. 3/2023	10/10/2023 9.30 am - 11.00 am	Meeting Room Perdana 1, MPC HQ, Petaling Jaya (Physical) & Online	Ir. Gunasagaran a/l Kristnan	1/1.	PPC	

Organiser	Title	Date / Time	Venue	Representatives	Attendance	Committee	Remarks
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Bengkel Transformasi Kelulusan Pelan Pemajuan Siri 3/2023 Bersama Badan Professional	13/12/2023 9.00 am - 5.30 pm	Bilik Latihan Teratai, Aras 11, Kementerian Pembangunan Kerajaan Tempatan	Ir. William Chai Peng Mun	1/1.	CSETD	
	(24) Lembaga Perindustrian Kayu Malaysia (MTIB)						
Dialogue / Meetings:	Mesyuarat Berkaitan Penggunaan Kayu Dalam Pembinaan	19/10/2023 2.30 pm	Bilik Jemaah Lembaga, Tingkat 17, Menara PGRM 1	Ir. Ng Beng Hooi	1/1.	CSETD	
(25) Majlis Bandaraya Subang Jaya (MBSJ)							
Dialogue / Meetings:	Mesyuarat Penyelarasan Penganjuran Seminar Reka Bentuk Sejagat Bandar Mesra Orang Kurang Upaya Peringkat Negeri Selangor	18/01/2023 9.30 am	Bilik Mesyuarat Kenanga, Aras 2, Bangunan MBSJ	Ir. Gunasagaran a/l Kristnan	1/1.	Excomm	
	Mesyuarat Penyelarasan Kali Kedua Penganjuran Persidangan: Kita Selangor; Iltizam Reka Bentuk Sejagat Ke Arah Negeri Inklusif	14/02/2023 2.30 pm	Bilik Mesyuarat Kenanga, Aras 2, MBSJ	Ir. Gunasagaran a/l Kristnan	0/1.	Excomm	<i>postponed from 09/02/23</i>
(26) Majlis Bandaraya Petaling Jaya (MBPJ)							
Dialogue / Meetings:	Mesyuarat Jawatankuasa Perancangan Bandar Bil 1 Tahun 2023 (Penggala 2023)	19/01/2023 10.00 am	Dewan Bunga Tanjung, MBPJ	Ir. Gunasagaran a/l Kristnan	1/1.	CA	
	Mesyuarat Jawatankuasa Perancangan Bandar Bil 2 Tahun 2023 (Penggala 2023)	15/02/2023 2.30 pm	Dewan Bunga Tanjung, MBPJ	Ir. Gunasagaran a/l Kristnan	1/1.	CA	
	Mesyuarat Jawatankuasa Perancangan Bandar Bil 3 Tahun 2023 (Penggala 2023)	25/05/2023 2.30 pm	Dewan Bunga Tanjung, MBPJ	Ir. Gunasagaran a/l Kristnan	1/1.	CA	
	Mesyuarat Jawatankuasa Perancangan Bandar Bil 4 Tahun 2023 (Penggala 2023)	17/07/2023 9.30 am	Dewan Bunga Tanjung, MBPJ	Ir. Gunasagaran a/l Kristnan	1/1.	CA	
	Mesyuarat Jawatankuasa Perancangan Bandar Bil 5 Tahun 2023 (Penggala 2023)	22/08/2023 2.30 pm	Dewan Bunga Tanjung, MBPJ	Ir. Gunasagaran a/l Kristnan	1/1.	CA	
	Mesyuarat Jawatankuasa Perancangan Bandar Bil 6 Tahun 2023 (Penggala 2023)	19/09/2023 2.30 pm	Dewan Bunga Tanjung, MBPJ	Ir. Gunasagaran a/l Kristnan	1/1.	CA	
	Mesyuarat Jawatankuasa Perancangan Bandar Bil 7 Tahun 2023 (Penggala 2023)	07/12/2023 2.30 pm	Dewan Bunga Tanjung, MBPJ	Ir. Gunasagaran a/l Kristnan	1/1.	CA	
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Acara 'Mayors and City Managers Roundtable Discussions: Achieving The Sustainable Development Goals (SDGs), 2030 Through People Empowerment and Inclusivity in Urban Art and Public Spaces'	24/09/2023 9.00 am	Dewan Sivik, Majlis Bandaraya Petaling Jaya, Jalan Yong Shook Lin, 46675 Petaling Jaya, Selangor.	Ir. Gunasagaran a/l Kristnan	1/1.	CA	
(27) Malaysia Green Building Confederation (MalaysiaGBC)							
Dialogue / Meetings:	Virtual Extraordinary General Meeting (e-EGM) 2023	13/05/2023 8.30 am - 12.00 pm	Virtual via Zoom	Ir. Yau Chau Fong	1/1.	ACT	
	14 th Annual General Meeting (AGM) Physical and Online (Hybrid)	29/07/2023 10.00 am	Zoom Meeting & Armada Hotel (Hybrid)	Ir. Yau Chau Fong	1/1.	ACT	
(28) Malaysia Productivity Corporation (MPC)							
Dialogue / Meetings:	Focus Group on Regulatory Compliance Cost (FGRCC) Meeting No. 1/2023	11/01/2023 2.30 pm - 4.30 pm	Microsoft Teams	Ir. Lai Sze Ching Ir. Gunasagaran a/l Kristnan	1/1. 1/1.	CA CA	
	Discussion Session on Regulatory Compliance Cost Issues Under Focus Group on Regulatory Compliance Cost (Non-Technical) (FGRCC)	15/06/2023 3.00 pm - 5.00 pm	Hybrid (Bilik Majlis, Blok Inovasi, MPC Petaling Jaya & Microsoft Teams)	Ir. Mohd Khir bin Muhammad Ir. Gunasagaran a/l Kristnan	1/1. 1/1.	CA CA	

Organiser	Title	Date / Time	Venue	Representatives	Attendance	Committee	Remarks
(29) Malaysian Service Providers Confederation (MSPC)							
Dialogue / Meetings:	14 th Annual General Meeting of MSPC	24/06/2023 10.30 am	Manggis@ PalimBayan, Lot 3409 Kg. Palimbayan Sg Penchala, Jalan Damansara, 60000 Kuala Lumpur	Ir. Wong Chee Fui	1/1.	CA	
(30) MERCY Malaysia							
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Living Lab: Learning from Hulu Langat - Disaster Risk Reduction (DRR) in Action	28/05-29/05/2023 9.00 am - 5.00 pm	Physically	Ir. Raftah binti Mahfar	1/1.	DRRAB	
				Ir. Rusnida binti Talib	1/1.	WE	
(31) Ministry of Higher Education (MOHE)							
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Sesi Townhall Untuk Kajian Halatuju Program Kejuruteraan Universiti Awam Malaysia Dalam Mendepani Era Industri 4.0	20/06/2023 9.00 am - 5.00 pm	Hotel Dorsett, Putrajaya	Ir. Mathan a/l Sambu	1/1.	E2TD	
				Ir. Mah Siew Kien	1/1.	E2TD	
				En. Nagentrau a/l Muniandy	1/1.	E2TD	
(32) Perbadanan Putrajaya							
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Forum Bandar Hijau Karbon Rendah Putrajaya 2023	16/03/2023 9.00 am - 1.00 pm	Dewan Seri Melati, Kompleks Perbadanan Putrajaya	Ir. Tang Boon Heng	1/1.	ENETD	
(33) Pertubuhan Akitik Malaysia (PAM) / Malaysian Institute of Architects							
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Seminar Pengurusan Pembangunan Di Kawasan Cerun & Pelancaran PAM Prihatin	05/08/2023 9.00 am - 12.30 pm	Dewan Presiden (Aras 2), PAM Centre, 99L Jalan Tandok, 59100 Bangsar, Kuala Lumpur	Ir. Raftah binti Mahfar	1/1.	DRRAB	
				Ir. Sreedaran a/l Raman	1/1.	DRRAB	
				Ir. Steven Toh Chin Kok	1/1.	DRRAB	
(34) Pertubuhan Jurukur Diraja Malaysia/Royal Institution of Surveyors Malaysia (RISM)							
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	The External Reviewer of the Malaysian Standard Method of Measurement (MySMM) 1st Edition and Workshop	25/07/2023 9.00 am - 5.00 pm	Boardroom, Level 2, Bangunan Jurukur, 64&66, Jalan 52/4, 46200 Petaling Jaya, Selangor.	Ir. Shahul Ikram bin Adnan	1/1.	SC on EC, PPC	
(35) SIRIM QAS International							
Dialogue / Meetings:	50 th Certification Advisory Committee (CAC) of SIRIM QAS International	10/02/2023 9.30 am - 12.30 pm	Titanium Room, GF Building 2, SIRIM Complex, Shah Alam	Ir. Choo Kok Beng	1/1.	PPC	
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Launch of New Testing Facilities - Rectangular Type Fire Resistance Furnace	16/03/2023 9.30 am - 12.30 pm	SIRIM RASA, No. 1A, Persiaran Zurah, Kawasan Perindustrian Rasa, 44200 Hulu selangor, Selangor	Ir. Cheng Yew Leong, Tony	1/1.	METD	

Organiser	Title	Date / Time	Venue	Representatives	Attendance	Committee	Remarks
(36) Suruhanjaya Perkhidmatan Air Negara (SPAN)							
Dialogue / Meetings:	Mesyuarat Jawatankuasa Teknikal Projek Bil. 1/2023 Bagi Pembangunan Dokumen Malaysian Sewerage Industry Guidelines (MSIG) Volume 1 - Planning Principles and Tools	13/04/2023 9.30 am	Bilik Mesyuarat Wilayah Persekutuan, Aras 1, Prima 7, Ibu Pejabat SPAN	Ir. Sreedaran a/l Raman	1/1.	WRTD	
	Mesyuarat Jawatankuasa Teknikal Projek Bil. 2/2023 Bagi Pembangunan Dokumen Malaysian Sewerage Industry Guidelines (MSIG) Volume 1 - Planning Principles and Tools	29/08/2023 9.30 am	Bilik Wilayah Persekutuan, SPAN Ibu Pejabat	Ir. Sreedaran a/l Raman	1/1.	WRTD	
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Bengkel Pelan Tindakan Kesan El-Nino Terhadap Industri Perkhidmatan Air Anjuran Suruhanjaya Perkhidmatan Air Negara (SPAN)	14/06/2023 8.00 am - 5.00 pm	Hotel DoubleTree by Hilton Putrajaya	no representative			
	Bengkel Membangunkan Kerangka Kerja Pelan Keselamatan Pembetulan	24/07-25/07/2023 9.00 am - 5.00 pm	Le Meridian Putrajaya Hotel	Ir. Chen Harn Shean	1/1.	PPC	
	Bengkel Focus Group Discussion (FDG) Bagi Pembangunan Dokumen Malaysian Sewerage Industry Guidelines (MSIG) Volume 1 - Planning Principles and Tools	07/08/2023 8.30 am - 5.00 pm	DoubleTree by Hilton Putrajaya Lakeside, 2, Jalan P5/5, Presint 5, 62200 Putrajaya.	Ir. Cheok Hou Seng	1/1.	WRTD	
	Malaysia International Water Convention 2023 (MIWC)	05/12-06/12/2023 9.00 am - 5.00 pm	Room 4 (THO-B), World Trade Centre, Kuala Lumpur	Dato' Ir. Hj. Mohd. Azmi bin Ismail Ir. Cheok Hou Seng	1/1. 1/1.	WRTD WRTD	
(37) Suruhanjaya Tenaga (ST)							
Dialogue / Meetings:	Mesyuarat Berkaitan Sistem Pembumian Pemasangan Domestik	09/01/2023 9.30 am	Bilik Mesyuarat Tingkat 2, Ibu Pejabat Suruhanjaya Tenaga, Presint 2, Putrajaya	Ir. Lim Kim Ten Ir. Mr. Alex Looi Tink Huey	1/1. 1/1.	EETD EETD	
	Mesyuarat Panel Perunding Tenaga (PPT) 2023	22/11/2023 8.30 am - 4.00 pm	Royale Chulan Hotel, 5, Jalan Conlay, 50450 Kuala Lumpur	Ir. Roger Wong Chin Weng	1/1.	EETD	
	Majlis RoboST Anjuran Suruhanjaya Tenaga	08/05/2023 2.30 pm	Hotel Le Meridien, Putrajaya	Ir. Kwok Yew Hoe	1/1.	EETD	
Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Sesi Pertama Bengkel Kumpulan Kerja (Focus Working Group - FWG) Kajian Pembangunan Pelan Tindakan Kecekapan Tenaga Negara 2.0 (NEEAP 2.0) Sektor Industri	04/10/2023 9.00 am - 5.00 pm	Bangi Resort Hotel	Ir. Kwok Yew Hoe	1/1.	EETD	
	Sesi Pertama Bengkel Kumpulan Kerja (Focus Working Group - FWG) Kajian Pembangunan Pelan Tindakan Kecekapan Tenaga Negara 2.0 (NEEAP 2.0) Sektor Komersil	05/10/2023 9.00 am - 5.00 pm	Bangi Resort Hotel	Ir. Dr. Siow Chun Lim	1/1.	EETD	
	Sesi Kedua Bengkel Kumpulan Kerja (Focus Working Group - FWG) Kajian Pembangunan Pelan Tindakan Kecekapan Tenaga Negara 2.0 (NEEAP 2.0) Sektor Industri	18/12/2023 9.00 am - 5.00 pm	Bangi Resort Hotel	Ir. Kwok Yew Hoe	1/1.	EETD	
	Sesi Kedua Bengkel Kumpulan Kerja (Focus Working Group - FWG) Kajian Pembangunan Pelan Tindakan Kecekapan Tenaga Negara 2.0 (NEEAP 2.0) Sektor Komersil	19/12/2023 9.00 am - 5.00 pm	Bangi Resort Hotel	Ir. Dr. Siow Chun Lim	1/1.	EETD	

ENGINEERING HALL OF FAME
KEJURUTERAAN "HALL OF FAME"
2009

Allahyarham Tan Sri Ir. Hj. Yusoff bin Ibrahim	:	IEM Founding Member and 1 st IEM President.
The Late Academician Tan Sri Ir. (Dr.) JG Daniel	:	IEM Founding member and Counsellor to IEM Constitution and Bylaws.
The Late Ir. K. Kumarasivam	:	Wellknown and eminent engineer in championing Environmental issues for engineering profession.
The Late Tan Sri Datuk Ir. Prof. (Dr.) Chin Fung Kee	:	Eminent and Distinguished engineer well recognised internationally and the 1 st non European to hold the position of Chairman of Commonwealth Engineering Council (CEC).
The Late Y.Bhg. Dato' Ir. Pang Leong Hoon	:	IEM President when IEM reached 25 years of age and contribution as the long standing Election Officer.

2012

Tan Sri Dato' Ir. (Dr.) Haji Abu Zarim bin Haji Omar	:	IEM President responsible for housing IEM Secretariat at TNB office at Jalan Timur for years until Bangunan Ingenieur is completed.
Allahyarham Raja Tan Sri Ir. Zainal bin Raja Sulaiman	:	Founding Member and 2 nd IEM President responsible to application of land for Bangunan Ingenieur, P. Jaya.
The Late Ir. Chiam Teong Tee	:	IEM President and Responsible for setting up of BEM, Engineers Act and the IEM Constitution and Bylaws as well as the Professional Interview Regulation.
Y.Bhg. Academician Dato' Ir. Lee Yee Cheong	:	Internationally acclaimed President of IEM who is the 1 st Malaysian to become President of World Federation of Engineering Organisations (WFEO). The 2 nd Malaysian to Chair Commonwealth Engineering Council (CEC).

2019

Y.Bhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik	:	IEM Past President who had contributed tremendously to Engineering Education in the country receiving numerous awards locally and internationally. In 2019, received the World Federation of Engineering Organisations (WFEO) Award for Engineering Excellence.
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IEM TOP MEMBERSHIP DRIVE AWARDS
(formerly known as IEM Most Supportive Award)
 Anugerah IEM Bagi Organisasi / Individu Paling Menyokong

Top Membership Drive Award for Recruitment of Graduate Members (Individual)

Year	Recipient	Award given in
2007	Ir. Prof. Dr. Amir Hashim bin Mohd Kassim	2008
2008	Ir. Abdul Talib bin Din	2009
2009	Ir. Dr. Ramlee Karim	2010
2010	Ir. Adnan bin Zulkiple	2011
2011	Ir. Ahmad bin Tamby Kadir	2012
2012	Ir. Prof. Dr. Zainal Abidin bin Ahmad	2013
2013	Ir. Ts. Dr. Tan Chee Fai	2014
2014	Ir. Prof. Dr. Zainal Abidin bin Ahmad	2015
2015	Ir. Harizan bin Che Mat Haris	2016
2016	Ir. Dr. Khoo Hooi Ling @ Lai Hooi Ling	2017
2017	Ir. Dr. Khoo Hooi Ling @ Lai Hooi Ling	2018
2018	Ir. Chan Cheong Loong	2019
2019	Ir. Dr. Kwong Kok Zee	2021
2021	Ir. Dr. Kwong Kok Zee	2022
2022	Ir. Dr. Kwong Kok Zee	2023

Top Membership Drive Award for Recruitment of Graduate Members (Organisation)

Year	Recipient	Award given in
2007	Universiti Tun Hussein Onn Malaysia (UTHM)	2008
2008	Universiti Teknikal Malaysia, Melaka (UTeM)	2009
2009	Tentera Laut Diraja Malaysia (TLDM)	2010
2010	Universiti Tun Hussein Onn Malaysia (UTHM)	2011
2011	Tenaga Nasional Berhad (TNB)	2012
2012	Universiti Tun Hussein Onn Malaysia (UTHM)	2013
2013	Universiti Teknikal Malaysia, Melaka (UTeM)	2014
2014	Universiti Teknikal Malaysia, Melaka (UTeM)	2015
2015	Universiti Teknologi MARA (UiTM)	2016
2016	Petroleum Nasional Berhad (PETRONAS)	2017
2017	Prasarana Malaysia Berhad	2018
2018	Prasarana Malaysia Berhad	2019
2019	Petroleum Nasional Berhad (PETRONAS)	2021
2021	Tenaga Nasional Berhad (TNB)	2022
2022	Tenaga Nasional Berhad (TNB)	2023

Top Membership Drive Award for Recruitment of Corporate Members (Individual)

Year	Recipient	Award given in
2007	Y.Bhg. Dato' Ir. Wahid bin Omar	2008
2008	Ir. Dr. Gue See Sew and also Ir. Chan Sai Chok (same score)	2009
2009	Ir. Ali Askar bin Sher Mohamad	2010
2010	-	-
2011	-	-
2012	Ir. Dr. Ahmad Anuar bin Othman	2013
2013	Ir. Dr. Ahmad Anuar bin Othman	2014
2015	Ir. Dr. Ahmad Anuar bin Othman	2016
2016	Ir. Dr. Ahmad Anuar bin Othman	2017
2017	Ir. Prof. Dr. Norlida binti Buniyamin	2018
2018	Ir. Gopal Narian a/l Kutty	2019
2019	Ir. Gopal Narian a/l Kutty	2021
2021	Ir. Lim Kim Ten	2022
2022	Ir. Noreha binti Nordin	2023

Top Membership Drive Award for Recruitment of Corporate Members (Organisation)

Award given to organisation that encourages engineers to be members of this Institution

Year	Recipient	Award given in
2007	Jabatan Kerja Raya Malaysia (JKR)	2008
2008	Sepakat Setia Perunding Sdn Bhd (SSP)	2009
2009	Jabatan Kerja Raya Malaysia (JKR)	2010
2010	Jabatan Kerja Raya Malaysia (JKR)	2011
2011	Technip Geoproduction Sdn Bhd	2012
2012	Jabatan Pengairan dan Saliran Malaysia (JPS)	2013
2013	Jabatan Pengairan dan Saliran Malaysia (JPS)	2014
2015	Tenaga Nasional Berhad (TNB) Jabatan Pengairan dan Saliran Malaysia (JPS)	2016
2016	Tenaga Nasional Berhad	2017
2017	Tenaga Nasional Berhad	2018
2018	Jabatan Kerja Raya Malaysia (JKR)	2019
2019	Jabatan Kerja Raya Malaysia (JKR)	2021
2021	Tenaga Nasional Berhad (TNB)	2022
2022	Jabatan Kerja Raya Malaysia (JKR)	2023

Most Active Organisation

Year	Recipient	Award given in
2007	Jabatan Kerja Raya Malaysia (JKR)	2008
2008	Sepakat Setia Perunding Sdn Bhd (SSP)	2009
2009	Jabatan Kerja Raya Malaysia (JKR)	2010
2010	Tenaga Nasional Berhad (TNB)	2011
2011	Tenaga Nasional Berhad (TNB)	2012
2012	Universiti Tun Hussein Onn Malaysia (UTHM)	2013
2013	Universiti Tun Hussein Onn Malaysia (UTHM)	2014
2014	Universiti Teknologi MARA (UiTM)	2015
2015	Universiti Teknologi MARA (UiTM)	2016
2016	Tenaga Nasional Berhad	2017
2017	Tenaga Nasional Berhad	2018
2018	Halfen Moment Sdn Bhd	2019
2019	Schneider Electric Industries (M) Sdn Bhd	2021
2021	Wise Pro Sdn Bhd	2022
2022	Schneider Electric Industries (M) Sdn Bhd	2023

IEM OUTSTANDING ENGINEERING ACHIEVEMENT AWARD
Penganugerahan Pencapaian Kejuruteraan Cemerlang IEM

Year	Recipients and Projects
	Jabatan Telekom Malaysia
1985	Bagi Kabel Dasar-Laut: Projek Kuantan-Kuching (For the Kuantan-Kuching Submarine Cable System)
	Jabatan Parit dan Taliair Malaysia
1985	Bagi Projek Pengairan Muda (For the Muda Irrigation Project)
	Lembaga Letrik Negara Tanah Melayu
1986	Bagi Projek Pembangunan Hidro Elektrik Hulu di Perak (For the Upper Perak Hydro-Electric Development Project)
	Lembaga Kemajuan Tanah Persekutuan (FELDA)
1987	Untuk Peranan Perbadanan Kilang Felda Dalam Pembangunan Industri Minyak Sawit (For the Role and Contribution of FELDA Mills Corporation (FELMIL) in the Development of Palm Oil Industry)
	Petroleum Nasional Berhad (Petronas Gas Sdn. Bhd.)
1988	Bagi Projek Penggunaan Gas Semenanjung Peringkat Pertama (For the Peninsular Gas Utilisation Project - Stage 1)
	Perbadanan Memajukan Iktisad Negeri Terengganu dan Sepakat Setia Perunding Sdn. Bhd.
1989	Bagi Rekabentuk dan Pembinaan Pelabuhan Tanjung Berhala Malaysia (For the Design and Construction of the Port of Tanjung Berhala in Malaysia)
	Lembaga Lebuhraya Malaysia
1990	Untuk Projek Jambatan Pulau Pinang (For the Penang Bridge Project)
	Jabatan Pengairan dan Saliran Malaysia
1993	Untuk Projek Pembangunan Pertanian Integrasi di Johor Barat (For the West Johore Intergrated Agricultural Development Project)
	Tenaga Nasional Berhad
1993	Bagi Projek Rekabentuk dan Pembinaan Stesyen Kuasa Elektrik Sultan Salahuddin Abdul Aziz – Fasa II (For The Design and Construction of Sultan Salahuddin Abdul Aziz Power Station Phase II Project)
	Lembaga Lebuhraya Malaysia dan Projek Lebuhraya Utara-Selatan Berhad
1994	Atas Projek Lebuhraya Utara-Selatan (On the North-South Toll Expressway Project)
	Jabatan Kerja Raya
1995	Atas Peranan Jabatan Kerjaraya dalam Pembangunan Nasional (On the Role of JKR in National Development)
	Malaysian Institute of Microelectronic Systems (MIMOS)
1996	Atas Peranannya Dalam Pembangunan Mikroelektronik dan Teknologi Maklumat (On Its Role in the Development of Microelectronics and Information Technology)
	Ethylene Malaysia Sdn. Bhd. dan Polyethylene Malaysia Sdn. Bhd.
1997	Atas Pembangunan Industri Petrokimia di Malaysia - Pengalaman Pembinaan Tanaman Ethylene/Polyethylene di Malaysia (For the Development of the Petrochemical Industry in Malaysia – Construction Experience of the Malaysian Ethylene/Polyethylene Plants)
	KLCC (Holdings Berhad)
1998	Bagi Memajukan Projek Menara Berkembar Petronas (On the Development of the Petronas Twin Tower Project)

Year	Recipients and Projects
1999	Kuala Lumpur International Airport Berhad Atas Projek Lapangan Terbang Antarabangsa Kuala Lumpur di Sepang (For the Construction of the Kuala Lumpur International Airport, Sepang)
2000	Sistem Transit Aliran Ringan Sdn. Bhd. (STAR) dan Projek Usahasama Transit Ringan Automatik Sdn. Bhd. (PUTRA) Atas Pembinaan Sistem Transit Ringan di Lembah Klang (For the Construction of the Light Rail Transit Systems in the Klang Valley)
2001	Maju Holdings Sdn. Bhd. Menara 1 Maju Perdana – Pencakar Langit Pertama Menggunakan Keluli Buatan Malaysia (Perdana Tower 1 – The First All Malaysia Steel High Rise)
2003	Road Builder (M) Sdn. Bhd. Atas Pembinaan Jambatan Kabel 300m Seri Saujana (On The Construction of Seri Saujana 300m Cable-Stayed Arch Bridge (BR-8) in Putrajaya)
2004	Perunding Mahir Bersatu Sdn. Bhd. gabungan bersama (jointly with) Sinclair Knight Merz Engineering Sdn. Bhd. Atas Rekabentuk Struktur Pusat Konvensyen Antarabangsa Putrajaya (On The Structural Design of Putrajaya International Convention Centre)
2005	M.E.I. Consultants Sdn. Bhd. Atas Kejayaannya Menyiapkan dan Merekabentuk Peralatan Stevian Bioteknikal di Enstek, Negeri Sembilan (On The Successful Design and Completion of Stevian Biotechnology Facilities in Enstek, Negeri Sembilan)
2006	Zelan Construction Sdn. Bhd. Atas Pembentung Luahan Air Pendingin untuk Penjana Kuasa Arang Batu 3 x 700 mw di Tanjung Bin, Johor (On the Cooling Water Discharge Culvert for 3x700 mw Coal Fired Power Plant in Tanjung Bin, Johore)
2007	Multimedia University Malaysia Atas Peranan sebagai Universiti Swasta pertama di Malaysia untuk memberi pendidikan kejuruteraan berkualiti (On Its Role as the First Private University in Malaysia in Providing Quality Engineering Education)
2008	T & T Konsult Sdn. Bhd. Atas Rekabentuk, Pembinaan dan Operasi Tapak bagi Projek Pelupusan Sisa Pepejal Sanitary Bukit Tagar (On the Design, Construction and Operation of Bukit Tagar Sanitary Landfill Project)
2010	Syarikat Mengurus Air Banjir & Terowong Sdn. Bhd. dan Jabatan Pengairan dan Saliran Atas Pembinaan & Rekabentuk Projek SMART (on the Construction and Design of SMART Tunnel Project)
2012	M.E.I. Project Engineers Sdn. Bhd. Atas Kejayaan Menyiapkan dan Merekabentuk Peralatan untuk Kejuruteraan, Perolehan, Pengurusan, Pembinaan (EPCM) untuk 127-Ekar Kilang Solar “AUO Sunpower” di Solar Valley Melaka, Taman Perindustrian Rimbia, Alor Gajah, Melaka dengan Keupayaan Pengeluaran Tahunan melebihi 1GW Puncak “Panel Suria Yang Tercekap Di Dunia” (On the successful Design and Completion for Engineering, Procurement, Construction Management [EPCM] of the 127-Acre AUO Sunpower Solar Plant at Melaka Solar Valley, Rimbia Industrial Park, Alor Gajah, Melaka with Full-Build Annual Capacity in Excess of 1GW Peak ‘The World’s Most Efficient Solar Panel’)
2014	Ikhmas Jaya Sdn. Bhd. Atas kejayaan dalam rekabentuk dan inovasi Jambatan Ayun Landasan Berkembar di Prai. (On the successful Design and Innovativeness of the Double Tracking Swing Bridge in Prai)
2017	Shell Projects and Technology, Malaysia Atas kejayaan dalam rekabentuk dan pembinaan projek “Malikai Deepwater Tension Leg Platform” (On the successful design and construction of the Malikai Deepwater Tension Leg Platform Project)

Year	Recipients and Projects
2021	<p>TRX City Sdn. Bhd. Atas kejayaan dalam rekabentuk dan pembinaan Sewerage Treatment Plant (STP) - The First Private Waste-water and Recycling Plant for the International Financial District, Tun Razak Exchange (TRXC) (On the successful design and construction of the Sewerage Treatment Plant (STP) - The First Private Waste-water and Recycling Plant for the International Financial District, Tun Razak Exchange)</p>
2022	<p>KEN Holdings Berhad Atas kejayaan dalam rekabentuk dan pembinaan Menara Ken TTDI (On the successful design and construction of Menara Ken TTDI)</p>
2023	<p>Sepakat Setia Perunding Sdn. Bhd. Atas kejayaan dalam rekabentuk dan pembinaan Lebuhraya Bertingkat Sungai Besi - Ulu Kelang Seksyen A (for the design and construction of the Sungai Besi - Ulu Kelang Elevated Expressway Section A)</p>

IEM AWARD FOR CONTRIBUTION TO ENGINEERING PROFESSION IN MALAYSIA
Penganugerahan IEM Atas Sumbangan Terhadap Profesion Kejuruteraan Dalam Malaysia

Year	Recipients
1989	<p>Y.Bhg. Tan Sri Dato' Ir. (Dr.) Shamsudin bin Abdul Kadir Executive Chairman, Sapura Holdings Sdn. Bhd.</p>
1990	<p>Ir. Hong Lee Pee Director and Chief Executive, Pilecon Engineering Bhd.</p>
1993	<p>Y.Bhg. Dato' Ir. Prof. Dr. Muhammad Ridzuan bin Hj. Salleh Vice Chancellor, Universiti Teknologi Malaysia</p>
1994	<p>Y.Bhg. Tan Sri Dato' Ir. (Dr.) Wan Abdul Rahman bin Yaacob President, Board of Engineers, Malaysia concurrently Director-General of Public Works Department, Malaysia</p>
1995	<p>Y.Bhg. Tan Sri Dato' Ir. Hj. Shahrizaila bin Abdullah Director-General, Department of Irrigation and Drainage</p>
1996	<p>Y.Bhg. Dato' Dr. Ir. Ahmad Tajuddin bin Ali Director-General, Standards and Industrial Research Institute of Malaysia</p>
1997	<p>Y.Bhg. Dato' Ir. Zaidan bin Hj. Othman Executive Chairman, Time Telecommunications Sdn. Bhd. concurrently Executive Vice Chairman, Kinta Kellas Public Limited Company</p>
1999	<p>Y.Bhg. Tan Sri Dato' Ir. Omar bin Ibrahim President, Board of Engineers Malaysia concurrently Director-General of Public Works Department</p>
2000	<p>Y.A.Bhg. Tengku Datuk Ir. Dr. Mohd Azzman Shariffadeen bin Tengku Ibrahim President and Chief Executive Officer of MIMOS Berhad</p>
2002	<p>Y.Bhg. Dato Paduka Ir. Prof. (Dr.) Hj. Keizrul bin Abdullah Director-General, Department of Irrigation and Drainage</p>
2003	<p>Y.Bhg. Tan Sri Dato' Ir. Hj. Zaini bin Omar Director-General, Public Works Department</p>
2005	<p>Y.Bhg. Tan Sri Dato' Ir. Muhammad Radzi bin Hj. Mansor Chairman, Telekom Malaysia Berhad</p>
2006	<p>Y.Bhg. Academician Dato' Ir. Lee Yee Cheong President of World Federation of Engineering Organisations and Past President, IEM</p>
2007	<p>Y.Bhg. Dato' Sri Ir. Prof. Dr. Wahid bin Omar President of BEM and concurrently Director- General of Public Works Department</p>

Year	Recipients
2010	Late Ir. Chiam Teong Tee Past President of IEM
2021	Ir. Prof. Dr. Mohd Azlan bin Hussain For his project entitled “Automated Self-cleaning Solar Powered Mobile Ultrafiltration System for Clean Water Supply”
2023	Ir. Ricky Liew Chee Leong For his contribution to the aeronautical industry in Malaysia

IEM AWARD FOR CONTRIBUTION TO ENGINEERING INDUSTRY IN MALAYSIA
Penganugerahan IEM Atas Sumbangan Terhadap Industri Kejuruteraan Dalam Malaysia

Year	Recipients			
2015	Utility Water and Wastewater Construction Property Development	Tenaga Nasional Berhad Salcon Sunway Construction Berhad IJM Land Berhad		
	2016	Waste Water Management Transportation Energy Property Development Water	Ekovest Berhad Gamuda Berhad Pestech International Berhad Sunway Integrated Properties Sdn Bhd Taliworks Corporation Berhad	
		2017	Property Development Construction Water Energy Transportation	Eco World Development Group Berhad Ekovest Berhad IJM-JAKS Joint Venture Malaysia LNG Sdn. Bhd. RAPID RAIL Sdn. Bhd.
			2018	Property Development Construction & Proprietary System Water & Wastewater Energy (Power) IT & Communication Consultancy Engineering Practice Material & Proprietary System Facilities Management
2019	Power and Energy Construction & Property Development Consultancy Engineering Practice			Gading Kencana Sdn. Bhd. Cemseal Industries Sdn. Bhd. Sepakat Setia Perunding
	2021			Water Industry Power Energy & Green Technology Industry Engineering Consultancy Practices (ECP) Construction & Property Development Digital Industry

Year	Recipients	
2022	Power Energy & Green Technology Industry Engineering Consultancy Practices (ECP)	Samaiden Group Berhad M.E.I. Consultants Sdn. Bhd.
	Digital Industry	BIM Engineering Solution & Techology Sdn. Bhd. (formerly known as PLYTEC Engineering)
	Asset Management - Industries Asset Management - Materials & Production	OPUS International (M) Berhad Inari Amerton Berhad
	2023	Power Energy & Green Technology Industry Engineering Consultancy Practices (ECP)
Engineering Construction Water Industry		IJM Construction Sdn. Bhd. Veolia Water Technologies

IEM SPECIAL MERIT AWARD Anugerah Merit Khas

Year	Recipient and Project
2013	Minconsult Sdn Bhd For the successful completion of the Malaysia's first state of the art automated mail processing hub.

IEM WOMAN ENGINEER AWARD Penganugerahan Kejuruteraan Wanita IEM

Year	Recipients
2005	Y.Bhg. Datin Paduka Ir. Prof. Dr. Siti Hamisah binti Tapsir
2006	Ir. Ong Kik Hong
2007	Ir. Prof. Dr. Siti Hawa binti Hamzah
2009	Y.Bhg. Datuk Ir. Rosaline Ganendra
2013	The Late Ir. Molly Sim Lim Hong
2014	Ir. Magdalene Tan Lee
2015	Ir. Assoc. Prof. Hayati binti Abdullah
2016	Ir. Prof. Dr. Norlida binti Buniyamin
2018	Ir. Prof. Dr. Leong Wai Yie
2023	Ir. Catherine Sim Siew Ping

IEM YOUNG ENGINEER AWARD Penganugerahan Kejuruteraan Muda IEM

Year	Recipients
1991	Y.Bhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik
1995	Ir. Prof. Dr. Marzuki bin Khalid
2004	Ir. Koo Voon Chet – Industry Award
2004	Ir. Dr. Ramesh Singh – Academic Award
2006	Dr. Luqman Chuah bin Abdullah (Chuah Teong Guan) – Academic Award
2006	Dr. Goh Swee Por – Industry Award
2008	Ir. Prof. Dr. Law Chung Lim – Academic Award
2009	Dr. Vigna Kumaran a/l Ramachandramurthy – Academic Award
2009	Ir. Teh Tzyy Wooi – Industry Award
2010	Ir. Prof. Dr. Dominic Foo Chwan Yee – Academic Award

Year	Recipients	
2012	Ir. Dr Lee Tin Sin	– Academic Award
2013	Ir. Catherine Sim Siew Ping	– Industry Award
2013	Mr. Roland Ngeow Yen Wan	– Academic Award
2014	Ir. Yau Chau Fong	– Industry Award
2014	Ir. Mohd Farriz bin Hj. Md. Basar	– Academic Award
2015	Ir. Lai Woon Fatt	– Industry Award
2015	Dr. Ng Kok Sum	– Academic Award
2021	Ir. Dr. Lai Khin Wee	– Academic Award
2022	Dr. Ong Chong Yong	– Industry Award
2023	Ir. Dr. Siow Chun Lim	– Academic Award
2023	Mr. Alex Looi Tink Huey	– Industry Award

THE ASEAN OUTSTANDING ENGINEERING ACHIEVEMENT AWARD Penganugerahan Kejuruteraan ASEAN

Year	Recipients and Projects	Awarded in
1994	Tenaga Nasional Berhad (<i>Organiser- Pertubuhan Ukur, Jurutera dan Arkitek</i>) [PUJA] The Design and Construction of Sultan Salahuddin Abdul Aziz Power Station Phase II Project	Bandar Seri Begawan, Brunei Darussalam
1995	Y.Bhg. Tan Sri Dato' Ir. (Dr.) Shamsuddin Abdul Kadir (<i>Organiser – The Institution of Engineers, Indonesia</i>) [PII]	Bandung, Indonesia
1996	Malaysian Resources Corporation Berhad (<i>Organiser – The Institution of Engineers, Malaysia</i>) [IEM] The Construction of the SEGARI Power Station	Malacca, Malaysia
1997	Jabatan Kerja Raja (<i>Organiser – The Engineering Institute of Thailand</i>) [EIT] The Role of the Public Works Department, Malaysia in National Development	Chiangmai, Thailand
1998	Malaysian Institute of Microelectronic Systems (<i>Organiser – The Philippines Technological Council</i>) [PTC] Its Role in the Development of Microelectronics and Information Technology	Angeles City, Philippines
1999	K. L. International Airport Berhad (<i>Organiser – The Institution of Engineers, Singapore</i>) [IES] The Construction of the Kuala Lumpur International Airport	Raffles City, Singapore
2000	Projek Usahasama Transit Ringan Automatik Sdn. Bhd. (PUTRA) (<i>Organiser – Vietnam Union of Science and Technological Associations</i>) [VUSTA] The Construction of the Light Rail Transit System 2	Hanoi, Vietnam
2001	Y.Bhg. Tan Sri Dato' Hj. Ir. Zaini bin Omar (<i>Organiser – Pertubuhan Ukur, Jurutera an Arkitek</i>) [PUJA]	Bandar Seri Begawan, Brunei Darussalam
2001	Y.Bhg. Academician Dato' Ir. Lee Yee Cheong (<i>Organiser – Pertubuhan Ukur, Jurutera dan Arkitek</i>) [PUJA]	Bandar Seri Begawan, Brunei Darussalam
2002	Y.Bhg. Dato' Paduka Ir. Prof. (Dr.) Hj. Keizrul bin Abdullah (<i>Organiser – Engineering Institute of Cambodia</i>) [EIC]	Phnom Penh, Cambodia
2005	MEI Consultants Sdn Bhd (<i>Organiser – Laos Union of Scientists and Engineers Association</i>) [LUSEA] On The Successful Design and Completion of Stevian Biotechnology Facilities in Enstek, Negeri Sembilan	Vientiane, Lao PDR
2006	Perunding Mahir Bersatu Sdn. Bhd. jointly with Sinclair Knight Merz Engineering Sdn. Bhd. (<i>Organiser – The Institution of Engineers, Malaysia</i>) [IEM] On The Structural Design of Putrajaya International Convention Centre	Kuala Lumpur, Malaysia
2006	Fraser and Neave Berhad (<i>Organiser – The Institution of Engineers, Malaysia</i>) [IEM] For Zon-e @ Fraser Biz Park Development	Kuala Lumpur, Malaysia

Year	Recipients and Projects	Awarded in
2007	Multimedia University Malaysia (<i>Organiser – The Philippines Technological Council</i>) [PTC] On Its Role as the First Private University in Malaysia in Providing Quality Engineering Education	Cebu, Philippines
2007	Y.Bhg. Dato' Ir. Dr. Gue See Sew (<i>Organiser – The Philippines Technological Council</i>) [PTC] For his contribution to ASEAN Engineers Register (AER) and ASEAN Federation of Engineering Organisation (AFEO) as well as in the Asia Pacific Economy Corporation (APEC)/Engineers Mobility Forum (EMF)	Cebu, Philippines
2008	T & T Konsult Sdn. Bhd. (<i>Organiser – The Engineering Institute of Thailand</i>)[EIC] On the Design, Construction and Operation of Bukit Tagar Sanitary Landfill Project	Bangkok, Thailand
2010	Ir. Choo Kok Beng (<i>Organiser – Vietnam Union of Science and Technological Associations</i>)[VUSTA] For his contribution to ASEAN Engineers Register (AER) and ASEAN Federation of Engineering Organisation (AFEO)	Hanoi, Vietnam
2011	Syarikat Mengurus Air Banjir & Terowong Sdn Bhd and Department of Irrigation and Drainage [JPS] (<i>Organiser- Pertubuhan Ukur, Jurutera dan Arkitek</i>) [PUJA] On the Construction and Design of SMART Tunnel Project	Bandar Seri Begawan, Brunei Darussalam
2012	M.E.I. Project Engineers Sdn. Bhd. (<i>Organiser – Board of Engineers, Cambodia</i>) [BEC] On the successful Design and Completion for Engineering, Procurement, Construction Management [EPCM] of the 127-Acre AUO Sunpower Solar Plant at Melaka Solar Valley, Rembia Industrial Park, Alor Gajah, Melaka with Full-Build Annual Capacity in Excess of IGW Peak 'The World's Most Efficient Solar Panel'	Phnom Penh, Cambodia
2014	Ikhmas Jaya Sdn. Bhd. On the successful Design and Innovativeness of the Double Tracking Swing Bridge in Prai	Yangon, Myanmar
2015	Jambatan Kedua Sdn Bhd (<i>Organiser – The Institution of Engineers, Malaysia</i>)[IEM] On the successful Design and Construction of the Second Penang Bridge Project	Penang, Malaysia
2015	PPAMPS, Ministry of Energy, Green Technology and Water Malaysia (<i>Organiser – The Institution of Engineers, Malaysia</i>)[IEM] On the successful Design and Construction of the Pahang-Selangor Raw Water Transfer Project	Penang, Malaysia
2015	Jabatan Bekalan Air KETTHA and Angkasa Consulting Services Sdn. Bhd. (<i>Organiser – The Institution of Engineers, Malaysia</i>)[IEM] For Outstanding Achievement in Managing the Challenges in the Design, Construction and Supervision of Mengkuang Dam Expansion Project Pulau Pinang	Penang, Malaysia
2015	Perbadanan Bekalan Air Pulau Pinang Berhad (<i>Organiser – The Institution of Engineers, Malaysia</i>)[IEM] For the Design and Construction of the Sungai Dua Water Treatment Plant	Penang, Malaysia
2015	Y.Bhg. Dato Wong Siew Hai (<i>Organiser – The Institution of Engineers, Malaysia</i>) [IEM] For his success as an Outstanding Engineer and Industry leader who has devoted constantly to the Society and Community in Malaysia	Penang, Malaysia
2017	Y.Bhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik (<i>Organiser – The Engineering Institute of Thailand</i>)[EIT] Shell Projects and Technology, Malaysia (<i>Organiser – The Engineering Institute of Thailand</i>)[EIT] For the successful Design and Construction of the Malikai Deepwater Tension Leg Platform Project)	Bangkok, Thailand
2017	Shell Projects and Technology, Malaysia (<i>Organiser – The Engineering Institute of Thailand</i>)[EIT] For the successful Design and Construction of the Malikai Deepwater Tension Leg Platform Project)	Bangkok, Thailand
2022	TRX City Sdn. Bhd. On the successful design and construction of the Sewerage Treatment Plant (STP) - The First Private Wastewater and Recycling Plant for the International Financial District, Tun Razak Exchange	Phnom Penh, Cambodia
2023	Sepakat Setia Perunding On the successful design and construction of the Sungai Besi - Ulu Kelang Elevated Expressway (Section A)	Bali, Indonesia

FEIAP ENGINEER OF THE YEAR AWARD
Penganugerahan Jurutera Tahunan FEIAP

Year	Recipients
2010	Y.Bhg. Dato' Ir. Dr. Gue See Sew
2014	Y.Bhg. Dato' Paduka Ir. Hj. Keizrul bin Abdullah
2017	Y.Bhg. Academician Dato' Ir. Lee Yee Cheong
2019	Y.Bhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik

WORLD FEDERATION OF ENGINEERING ORGANISATION (WFEO)
Hassib J Sabbagh Award for Engineering Construction Excellence

Year	Recipients and Projects
2003	<p>Y.Bhg. Dato' Paduka Ir. Prof. (Dr.) Hj. Keizrul bin Abdullah Y.Bhg. Dato' Ir. Batumalai a/l Ramasamy Ir. Mohd. Azhari bin Ghazali</p> <p>Construction of Small Dam and Irrigation facilities and Related Works at MARDI Station Jelebu, N 9 by Department of Irrigation and Drainage</p>

WORLD FEDERATION OF ENGINEERING ORGANISATION (WFEO)
Medal of Excellence in Engineering Education

Year	Recipients
2019	Y.Bhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik

**MINUTES OF 64th ANNUAL GENERAL MEETING OF
THE INSTITUTION OF ENGINEERS, MALAYSIA
HELD ON 15 APRIL 2023 VIA HYBRID MODE AT 9.00AM**

MEMBERS PRESENT – AS PER APPENDIX A

1.0 OPENING ADDRESS BY THE PRESIDENT

1.1 The President, Ir. Prof. Dr. Norlida binti Buniyamin called the AGM to order at 9.02am and welcomed the members to the 64th Annual General Meeting (AGM) held via hybrid mode. The President informed that not only members from Klang Valley were attending the AGM. Members from all over the country are also joining the AGM and this was an advantage.

The Honorary Secretary then briefed the members attending the AGM online on the House Rules for those attending online as follows:

- (i) Members online who wish to ask questions would need to click on the raise hand icon and the IT staff will turn on the mic for them to speak. Only those members whose computers are equipped with a microphone will be able to speak;
- (ii) Members need to ensure that they indicate their name and membership number clearly before they proceed to pose their question. If there is any request for approval, those attending online can indicate agree/disagree by clicking on the raise hand again.
- (iii) Alternatively, for members who do not wish to speak, he/she could type the question into the "chat box". The question would be posted onto the screen for the rest of the members to see before a response is given.
- (iv) If there is any voting to be carried out, the e-vote will pop up on their screen. They can put in their vote, and IT will be able to capture it into the total vote count. Only Corporate Members are eligible to vote.
- (v) To communicate with the IEM Secretariat on any issues during the AGM, they can send a private message in the chat box to the Secretariat.

The Honorary Secretary thanked the members for their attention and thereafter handed over the meeting back to the President. The President then presented the overall reports/updates from April 2022 to April 2023 as follows:

1.2 Updates on IEM for Session 2022/2023

1.2.1 Meetings – Local and International

The President had attended the following meetings held on a national and international level:

- (i) *Panelist for National Forum on Science, Technology, Engineering and Mathematics (STEM)* on 19 May 2022
- (ii) *Construction & Built Environment Productivity Nexus (COBEPN) Governing Committee Strategic Session 01/2022* on 24 May 2022
- (iii) *Asia Pacific Confederation of Chemical Engineering (APChE)* from 10-12 August 2022
- (iv) *Mid-term AFEO organized by IEM Southern Branch* from 24-27 August 2022
- (v) *54th Building Industry Presidents' Council (BIPC)* held on 29 September 2022
- (vi) *China-ASEAN Roundtable on Mutual Recognition of Engineers* via online on 2 December 2022
- (vii) *IEA Meetings APEC & IPEA and IETA & AIET* – via online from 30 June 2022
- (viii) *FEIAP General Assembly Meeting, Cebu Philippines* from 27-29 July 2022
- (ix) *FAEO/FEIAP* from 16-18 August 2022
- (x) *IEA Meeting, Killarney, Ireland* on 4-7 October 2022
- (xi) *E20 organised by Persatuan Insinyur Ingenieur (PII) Bali, Indonesia* 3-4 November 2022
- (xii) *IEEE in Manila, Philippines* from 9-12 November 2022
- (xiii) *CAFEO40, Phnom Penh, Cambodia* from 4-8 December 2022
- (xiv) *Energy Conservation Building, Japan* from 8-10 December 2022

1.2.2 Courtesy Visits

The AGM was also informed that the President had conducted courtesy visits to:

- (i) the Menteri Besar of Johor's office and IEM Southern Branch on 9 May 2022
- (ii) office of the Senior Minister of Works on 2 June 2022
- (iii) office of the Chief Minister of Penang together with the delegates from KPEA (*Korea Professional Engineers Association*) on 24 August 2022
- (iv) the office of the Deputy Prime Minister YAB Dato' Seri Hj. Fadillah Yusof to present the AFEO Distinguished Honorary Fellow Award on 15 February 2023

Apart from the above, the President also received the President of The Chartered Institute of Building (CIOB) Malaysia on 6 March 2023 at IEM, HQ.

1.2.3 **Other Events**

The President further reported that she also attended other events such as annual dinners of other institutions/ professional bodies as well as IEM Branches such as:

- (i) IEM ESUM YES Open Day on 18 March 2023
- (ii) BIM Networking Luncheon with Member Institutions on 18 May 2022
- (iii) 61st RISM Anniversary Dinner on Saturday on 25th June 2022
- (iv) Negeri Sembilan held on 6 August 2022
- (v) Southern Branch held on 27 August 2022
- (vi) Miri Branch on 26 November 2022

In addition, the President attended a “*Sincerely SETIA Volunteer Weekend*” organised by Sepakat Setia Perunding Sdn Bhd as part of their Corporate Social Responsibility event with Kaum Orang Asli held on 18 and 19 March 2023 at Kampung Orang Asli Bukit Tampoi, Kampung Orang Asli Kolam Air Bangkung and SK Bukit Tampoi (A). IEM Women Engineers Section, Chemical Engineering Technical Division and Secretariat had participated in the CSR event as well with the programme on Introduction to STEM and Build Your Own Mini Solar Car.

2.0 **AGENDA FOR AGM**

Upon concluding her report, the President then presented the Agenda for the AGM as follows:

1. *Welcome Address by the President and Reports Update*
2. *Confirmation of Minutes of 63rd AGM held on 16 April 2022*
3. *Matters Arising*
4. *Presentation of Annual Report and Financial Statements for session 2022/2023*
5. *Proposed Amendments to the IEM Constitution*
6. *Discussion on written issues received from Members*
7. *Presentation of Results of Council Election 2023/2024*
8. *Presentation of Memento and Prizes*
9. *Presidential Address 2023/2024*

Since there was no objection to the Agenda, the President proceeded with 64th Annual General Meeting proper.

3.0 **CONFIRMATION OF MINUTES OF THE 63RD ANNUAL GENERAL MEETING HELD ON 16 APRIL 2022**

President invited the members to go through page 59 until page 73 as well as the attendance list on pages 74 to 81. The AGM was also requested to go through the BM translation on pages 82 to 97.

President further informed that for members attending online, he/she would need to click on the “RAISE HAND” icon, if they wish to comment, .

Since there were no amendments to the minutes, Ir. Wong Chee Fui (F20903) proposed that the minutes of the 62nd Annual General Meeting held on 16 April 2022 be confirmed and adopted. The motion was seconded by Ir. Fam Yew Hin (F20926).

4.0 **MATTERS ARISING**

The President then provided clarifications on the following items raised at the 62nd Annual General Meeting held on 16 April 2022:

- 4.1 Page 66
Item 8.1 – Issue No. 1

- 4.1.1 **That the IEM President should not be among the nominated persons from IEM, to be considered for the five positions in the Board of Engineers Malaysia (BEM) as IEM representatives; the reason being should any issues / decisions made at BEM which are detrimental to IEM*, then the IEM President is given the flexibility to enforce a second line of defence during discussion either at Excomm or IEM Council – for the issues / decisions made at BEM to be further discussed / negotiated with BEM at President-to-President, or at Institution-to-Institution level.**

Concerning this issue, the AGM was informed that Excomm decided that it would be the prerogative of the President of the day whether he/she wishes to be nominated to serve in the Board.

- 4.1.2 Page 67
Item 8.2 - Issue No. 2

Issue with regard to the Outcome Based PAE

The AGM was informed that this matter was still on-going and IEM is still pursuing with the BEM with regard to the concerns raised by members.

5.0 ANNUAL REPORT FOR SESSION 2022/2023

The President then invited the Honorary Secretary, Ir. Prof. Dr. Zuhaina binti Zakaria to present the various activities and events organised in 2022 which was printed on pages 98 to 157 of the Annual Report. The Honorary Secretary proceeded to report on the matters highlighted in the Annual report as follows:

5.1 Council and Excomm

For the Session 2022/2023, the Council had four (4) Council meetings. The Council at their meetings discussed matters related to policy which were implemented by Excomm.

Excomm had thirteen (13) meetings for the Session 2022/2023 mainly to implement and carry out the decisions of the Council. It was noted some of the meetings were held on hybrid platform.

5.2 Standing Committees and Day-to-Day Operations

The AGM was informed that Excomm continued to be assisted by eight (8) Standing Committees in the day-to-day operations. Each of the Standing Committees was chaired by a Vice President with the Finance Committee being chaired by the Deputy President.

5.3 Membership

Up to 31 December 2022, a total of 4,066 candidates were approved for admission/election/transfer to the various grades. Out of the new members recruited, 2,997 were students. However, at the end of the year, 2,840 members were in arrears compared to 3,036 in 2021. The overall total of IEM membership as at 1 March 2023 was 48,314.

The AGM was informed that on the international front, the breakdown was as follows; 42 candidates were registered for APEC & IntPE, 16 for ASEAN Engineers (AE), 12 for Associate ASEAN Engineers (AAE) and 2 for Associate ASEAN Engineering Technologist.

Where the breakdown of membership by grades is concerned, the Honorary Secretary further informed that Student membership had the highest percentage at 54% followed by Member (24%), Graduate (18%), Fellow (2%) and the other grades such as Incorporated, Engineering Technologist, Affiliate, Engineering Technician and Associate were 2%.

As for the breakdown in terms of the major engineering disciplines, Civil had the highest percentage with 34%, followed by Mechanical (25%), Electrical (15%), Electronic (9%) and Chemical (7%).

5.4 Professional Interview

The AGM noted that for session 2022/2023, a total of 346 candidates applied to sit for the Outcome Based Professional Interview (PI). It was further noted that 209 passed whereas 51 failed the PI.

5.5 IEM Publication

The Honorary Secretary informed the AGM that twelve (12) issue of the "Jurutera" – IEM Bulletin had been published for the year 2022.

The Electronic Jurutera had been sent by email blast to members every month. The AGM was informed that members who wished to have hardcopies of the Jurutera could collect from the IEM HQ office. The Journals had been uploaded on the IEM website.

5.6 IEM Activities 2022

The AGM was informed that for the year 2022, a total of 314 events (*in the form of physical/virtual and hybrid*) had been organised by the Technical Divisions (TDs), Special Interest Groups (SIGs) and Sections. These events included virtual talks (182), physical talks (31), courses and seminars (77), conferences and symposiums (10) and competitions (14).

5.7 Members' Benefits

The Honorary Secretary also informed that a total of 22 additional merchants with corporate discounts had been signed to provide more benefits for the members.

5.8 New IEM Guidelines for Industry

The AGM was informed that the IEM had introduced the third guideline – “*IEM Guideline on The Prevention and Control of Dengue*” which is now available for sale. The previous two guidelines were “*Testing and Commissioning of Fire Protection System*” and “*Flood Abatement Equipment – Engineering Guide of Designation, Testing and Documentation*”.

5.9 International Engineering Technologists Agreement (IETA) & Agreement for International Engineering Technicians (AIET)

The AGM was informed that IEM had been accepted as a Provisional Member in June 2022. IEM now is gearing towards Authorised Membership for the said 2 Agreements in June 2024.

5.10 Memorandum of Understanding (MoU)

The AGM was further informed that IEM had signed Memorandum of Understanding (MoU) with the following institutions:

- The Institution of Mechanical Engineers on 24 August 2022
- Southern University College on 25 August 2022
- Korean Professional Engineers Association on 27 August 2022
- Xiamen University on 6 September 2022
- Malaysia Joint Branch Royal Institution of Naval Architects and Institute of Marine Engineering, Science and Technology (MJB-RINA IMarEST) (*Formerly known as MoU with Institute of Marine, Science and Technology (IMarEST)*) on 26 September 2022

5.11 IEM Secretariat Service

The Honorary Secretary further informed that should any member wish to contact any particular staff, he/she may email to them or call to make an appointment to meet them.

5.11.1 IEM Secretariat – Staff Promotion 2022

The AGM was informed that the following Secretariat had been promoted to the respective positions:

- | | | |
|----|------------------------------------|--------------------------------|
| 1. | Cik Noor Afzan binti Che Abd. Aziz | Senior Executive |
| 2. | En. Adam Sofri bin Muhd Shahrum | Senior Executive |
| 3. | Cik Farezah binti Junaidi | Senior Executive |
| 4. | Cik Norshafiqah binti Sha'ari | Senior Executive |
| 5. | Valli Saminathan | Manager (International Office) |
| 6. | Ms. Sarita Kaur Garib Singh | Deputy COO |

5.11.2 IEM Secretariat – Completed 10 Years of Service

The Honorary Secretary also informed the AGM that the following Secretariat would be receiving their long service award for their 10 years' service with the Institution:

1. Puan Mirdeeliani binti Amir
2. Cik Farezah binti Junaidi
3. Cik Norshafiqah binti Sha'ari

5.12 Questions Session

5.12.1 Ir. Chen Harn Shean (F23894) queried on the status of the BEM's Outcome-based Professional Assessment Examination (PAE) as he was informed that BEM had already implemented it. Ir. Mohd. Aman bin Hj. Idris (F02176) informed that BEM had already implemented the Outcome-based PAE on 1 January 2023. He further informed that BEM is currently still accepting the conventional PAE applications and the deadline for submission would be end of 2023.

5.12.2 Ir. Tu Yong Eng (M15448) referred to issue No. 2 of item 8.1 from the minutes of the last AGM meeting held on 16 April 2022 informing that since Ir. Mohd. Aman bin Hj. Idris confirmed that BEM had implemented that Outcome-based PAE, this showed that IEM had failed to carry out the resolution passed at the last AGM. He then requested for further clarification on this matter.

The President explained that BEM is the regulatory body and that the main difference between the Outcome-based PI and the Outcome-based PAE was the Technical Report. President further explained that the Technical Report was actually embedded into the PAE application form. Ir. Fam Yew Hin (F20926) further explained that this issue had been brought up at the BEM Board meeting and IEM had many times expressed concern on the implementation of the outcome-based PAE as well as the requirement to include the Technical Report and technical essay writing. However, the AGM was informed that BEM decide to still proceed with the implementation.

Ir. Tu Yong Eng (M15448) reiterated that IEM should be serious on the resolution of this issue at the last AGM. He further commented that one should not express his/her own personal opinion and it should be IEM's official stance on the Outcome-based PAE as it affects the industry as well as in the international arena. He expressed his concern that IEM should not take this issue lightly and that he heard rumours/hearsay that IEM representatives at the Board did not carry out their duty accordingly. As such, he again expressed his views that the AGM should seriously read carefully on what was stated in the last AGM minutes concerning the resolution on the Outcome-based PAE issue.

5.12.3 Ir. Wong Chee Fui (F20903) commented that since BEM had already implemented the Outcome-based PAE, IEM should be looking into the next course of action as he felt that there are differences on the two examinations where standard is concerned. He added that there were two (2) areas that IEM needs to consider; firstly to harmonise both examinations and secondly to review the comments made by the IEM representatives to the Board on this issue. He proposed that the Council and Excomm should come up with a decision on the way forward knowing that the Outcome-based PAE had already been implemented.

5.12.4 Ir. Fam Yew Hin (F20926) thanked Ir. Tu Yong Eng (M15448) for his comments/views. However, he felt that the statement made by Ir. Tu Yong Eng on IEM's representatives to the Board not carrying out their duties was not appropriate. He further explained that the Board is a regulatory body and IEM had only five (5) representatives sitting on BEM's Board and the rest were mainly other members of the Board. Hence, although the IEM representatives voice their views/objections at the BEM Board meeting, the decisions made would lie on the voice of the majority.

Ir. Tu Yong Eng (M15448) pointed out that one needs to look at the minutes of the Board meeting on the IEM representatives' views/objection. He reiterated on the resolution made at the last AGM minutes and requested to show the Board meeting minutes.

The President then proceeded to request for more comments from the floor. The Honorary Secretary then read the online comment from a member that the Outcome-based PI was not appealing to the younger engineers compared to the Outcome-based PAE and whether IEM would be looking into amending the PI procedure to be in line with the Board's Outcome-based PAE.

The President then answered to Ir. Tu Yong Eng's statement that the IEM representatives were not carrying out their duties which she felt was not true. The President further explained that the issue on the Outcome-based PAE started during the presidency of Ir. David Lai Kong Phooi.

It was noted that during the first round, a vote was taken on the requirement of the Technical Report and majority of the votes were favourable that the requirement of the Technical Report should be maintained, and this was recorded in the minutes. However, it was noted that the Working Group did not adhere to the Board's decision. Nevertheless, the President reiterated that BEM is the regulatory body whereas IEM is a learned society and she affirmed that the IEM representatives were doing their part,

and it would not be appropriate to assume that they were not carrying out their duties. As such, she concluded that the leaders of IEM would want the best for the IEM members and the engineering fraternity.

The President then continued to answer the comments from the online member that the Standing Committee on Examinations and Qualifications (E&Q) was looking into streamlining both examinations. This was also part of IEM being a party of the 2 agreements. Moreover, one examination should be the goal of mobilising the engineers not only locally but internationally.

- 5.12.5 Ir. Yim Hon Wa (F08247) raised concern on the membership numbers on page 104 of the Annual Report. He commented that the membership was still low for the five-year period and felt that this was quite disturbing. He questioned on IEM's action for the past five years on the membership growth as the membership in 2019 was almost the same as current year signifying no growth.

The President agreed that the membership number was quite disturbing. She further explained that the membership decreased from year 2020 to 2022 partly due to the COVID 19 pandemic. Nevertheless, with the introduction of the two new membership grades; Engineering Technologist and Engineering Technicians, she hoped that IEM's membership will increase more which was IEM's intention to sign the two international agreements for engineering technologist and engineering technician. She also emphasised on IEM's activities as membership will not increase if there are less activities organised. She stressed that the economy could also be one of the factors of the decrease in membership. Nevertheless, the President informed the AGM that IEM will continue to organise more activities and conduct membership drive recruitment exercises as ways to increasing membership.

- 5.12.6 Ir. David Lai Kong Phooi (HF09917) informed that there was a typo error on page 99 of the Annual Report stated that he was the President.

On another note, Ir. David Lai Kong Phooi (HF09917) reiterated the issue on the Outcome-based PAE with regard to the removal of the technical essay requirement. He suggested that IEM should either harmonise the PI with the Outcome-based PAE or review IEM's PI as there was a need to make a decision now. He further informed that there were some graduate members who had approached him and informed that they would prefer to sit for the Outcome-based PAE rather than to IEM Outcome-based PI as they viewed the latter as being more difficult compared to the former. In view of this, he feared that the membership of IEM may dwindle even further.

As such, he proposed to the President as to what he had raised at the past three Council meetings that there was a need to review the Outcome-based PI. He felt that IEM should not procrastinate, need to look forward and hoped that this issue would not be repeated.

- 5.12.7 Ir. Mohd. Aman bin Hj. Idris (F02176) raised two issues; one was to review IEM's Outcome-based PI as the APEC/IPEA membership would end in 2026 and secondly on the membership. He commented that the IEM membership does not solely depend on the PI as those who passed the PAE could also join IEM.

- 5.12.8 Ir. Dr. Tan Yean Chin (HF11712) informed the AGM that IEM had tried to convince the Board to have the written essay as part of the Outcome-based PAE. However, it was not successful. As such, he felt that IEM should look at the macro part of it and move forward. Ir. Dr. Tan Yean Chin (HF11712) also disagreed with Ir. Mohd. Aman bin Hj. Idris's (F02176) statement that a candidate who passed the Outcome-based PAE could also join IEM. He suggested to check on the statistics that the chances of a graduate sitting for the PI was much higher compared to a candidate who passed the PAE and later join IEM.

On a similar note, Ir. Dr. Tan Yean Chin (HF11712) opined that the PI and membership had direct correlation. In view of this, he suggested for a resolution in this AGM to look into harmonising the Outcome-based PI with the Outcome-based PAE. Although he was agreeable that the standard would drop, however, the Professional Competency Examination (PCE) would come into play as the member would need to study other areas in order to qualify to be a Professional Engineer with Practising Certificate (PEPC). Hence, this would raise the standard of the PEPC as they would be assessed on their competency. In conclusion, Ir. Dr. Tan Yean Chin (HF11712) proposed that the AGM should give rights to the Council to look into harmonising both examinations.

- 5.12.9 President then answered to Ir. David Lai Kong Phooi's comments and explained that it was difficult then to harmonise with the Board on the Outcome-based PAE. However, with the implementation, there would be a better opportunity to do it now and agreed with Ir. Dr. Tan Yean Chin's suggestion to give the rights to Council to look into harmonising the Outcome-based PI with the PAE.

Ir. David Lai Kong Phooi (HF09917) reflected that he was confused over the President's previous explanation on the implementation of the Outcome-based PAE where she indicated that it was not official.

He pointed out that at the last Council meeting, Ir. Fam Yew Hin had already informed that BEM had posted the announcement on their website regarding the implementation of the Outcome-based PAE on 1 January 2023 which was considered as official. He hoped that this issue should not be prolonged any further.

The President explained that previously the Board was not agreeable to IEM's suggestion. Only recently that the Board had agreed for a discussion with IEM after much persuasion and appeal.

5.12.10 Ir. Elias Saidin (F10100) was of the opinion that IEM should drop the Outcome-based PI and concentrate on organising activities for the members and align with other associations where their members need not undergo any examination. President responded that IEM has other different grades of membership without any examination and it was not appropriate to drop the PI.

5.12.11 Further to Ir. Elias bin Saidin's comments, Ir. Chen Harn Shean (F23894) then explained the difference between the Outcome-based PI and Outcome-based PAE. He informed that for the Outcome-based PAE there would not be any submission of Technical Report, no minimum requirement of experience and no technical essay.

He mentioned that harmonisation would be on these three areas. The President then thanked Ir. Chen Harn Shean for the explanation.

5.12.12 YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik (DHF09157) provided his suggestion that firstly, IEM should know how the BEM Board works as he served the BEM Board for five years. Secondly, he pointed out that any member who served in the Committee or Working Group should thoroughly study the issue before hand so that he/she is able to put across the idea in a convincing manner. For example, although there is no requirement to submit the Technical Report, one needs to do a thorough study and know whether the technical report is actually incorporated into the application form. Thirdly, the minimum period of experience which was not required, YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik (DHF09157) suggested that although the outcome based PAE does not require site experience, implementation could also be part of the site experience.

In view of this, YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik (DHF09157) suggested that Council and the E&Q form a Working Group to look into and conduct a thorough study of the APEC/IPEA and IEM's requirement as well as the Outcome-based PAE in order to come up with IEM's stand for presentation to the BEM's Working Group or E&Q Committee. The President thanked YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik (DHF09157) for his suggestion.

5.12.13 Ir. Ts. Prof. Dr. Tan Chee Fai (F18343) informed that his position as Vice President was not stated in page 99 of the Annual Report. The President requested Secretariat to amend accordingly.

Since there were no further comments or questions via online and from Council members in the auditorium, Ir. Dr. Tan Yean Chin (HF11712) proposed that the Annual Report be adopted. The motion was seconded by Ir. Sundraraj Krishnasamy (F07933).

6.0 ACCOUNTS FOR THE YEAR ENDED 31 DECEMBER 2022

The President then invited the Honorary Treasurer, Ir. Dr. Lee Yun Fook to present the financial statements for The Institution of Engineers, Malaysia for the period 1st January 2022 to 31st December 2022. Ir. Dr. Lee Yun Fook informed the AGM that the accounts presented would be from pages 171 to 203.

6.1 The Honorary Treasurer informed the AGM that the financial statements presented comprised of three (3) sets of accounts namely that IEM, IEM Training Academy Sdn Bhd (IEMTA) and IEM Academy Sdn Bhd (IEMASB). It was noted that the Financial Statements of the Branches had been amalgamated. The IEM, IEMTA, IEMASB accounts had been consolidated by the auditors.

6.2 The AGM was further informed that the columns denoted by "Group" refers to the consolidated accounts of both IEM Headquarters, IEM Training Academy Sdn Bhd and IEM Academy Sdn Bhd.

There were some columns where there were figures under "Institution" but blank under "Group" due to the figures being payment/receipt between IEM, IEM TA and IEM ASB which were eliminated on consolidation. The main focus of the presentation will be the accounts of IEM i.e. referring to the column "Institution".

6.3 The Honorary Treasurer reported that the total income for 2022 was approximately RM5,043,266, a slight increase of 0.08% compared to 2021 which was RM5,039,134.

6.4 The Honorary Treasurer further reported that there was a slight increase of 4.6% on the amount of the annual subscriptions collected that was 86.7% in 2022 compared to 86.4% in 2021.

6.5 Based on the comparison of income, the Honorary Treasurer informed the AGM that there was a decrease of 3% on the Surplus from Institutional Services. However, there was an increase of 52.4% on the interest income and also a 164.6% increase on Other Miscellaneous income which came mainly from ENGINEER2022 and IEM Convention.

6.6 The Honorary Treasurer further reported to the AGM that the total expenses for 2022 was RM4,647,800, a reduction of 0.07% compared to 2021 which was RM4,680,990.

The main contributors to the expenses were personnel emoluments (54.4%), building maintenance (18.9%), administrative expenses (10.5%), Branch subsidies (9.2%), subscription fee written-off (4.7%), depreciation of equipment (1.9%) and miscellaneous (0.5%).

The AGM was further informed that the Personal Emoluments increased to 13.1% compared to 2021 as the staff salaries increased by 3%. It was further reported that the big increase was mainly due to the government grant of RM72,000 received from PERKESO in 2021. The Miscellaneous expenses increased by 8.8% was due to the annual fee paid to the other institutional memberships. Depreciation increased to 97.2% partly due to the depreciation for the other office equipment overprovided in prior years and the adjustment had been made in 2021.

6.7 The Honorary Treasurer continued to report on the overall administrative expenses. It was noted that for 2022, the expenses was RM491,701 a decrease compared to 2021 which was RM561,219.

The overall performance was better in 2022 compared to 2021 whereby there was an increase in the surplus amounting to RM37,322.

6.8 With regard to the performance of the subsidiaries, the AGM was informed that IEM Training Academy gained a profit of RM10,977 whereas IEM Academy Sdn Bhd had a nett loss of RM1,111.

6.9 The AGM was informed that some of the Branches had surplus income such as Penang, Kelantan, Pahang, Negeri Sembilan, Melaka, Sarawak and Miri.

The President then thanked the Honorary Treasurer for his report and proceeded to invite questions from the members. The members who were attending online were requested click on the RAISE HAND icon should they wish to ask any question.

6.10 **Questions Session**

6.10.1 Ir. Ong Ching Loon (F11938) congratulated IEM on the improvement on the financial aspect this year.

He then requested the AGM to refer to page 201 of the Annual Report on the presentation of the financial account. He suggested that instead of stating "*Other Miscellaneous Income*", it should be "*IEM Exhibition Conference Income*" so as to make it a perpetual income stream. This would ensure that IEM would continue to generate a higher income under the said income stream. The President responded that the Finance Committee would look into it.

As there were no further questions from the floor as well as online, Ir. Mohd. Aman Hj. Idris (F02176) proposed the adoption of the Financial Statements for IEM for the year ended 31 December 2022. The motion was seconded by YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik (DHF09157). The AGM then adopted the Financial Statement.

7.0 **EDUCATION FUND FINANCIAL STATEMENT – 31 DECEMBER 2022**

The Honorary Treasurer then continued to report on the Financial Statements of the Education Fund for the year ending 31 December 2022 from page 204 to page 212.

7.1 The AGM was informed that donations received amounted to RM30,416 in 2022 compared to RM35,727 in 2021 which was a slight decrease. Nevertheless, the overall income for 2022 was RM61,690 compared to RM64,063 in 2021.

- 7.2 The Honorary Treasurer then reported that the overall expenditure for 2022 was RM108,390 compared to RM71,809 in 2021.
- 7.3 The AGM was further informed that there was a deficit of RM46,700 on the overall performance on the Education Fund. For the year 2022, the Education Fund had complied with the 50% Spending Rule of Inland Revenue Board (IRB) for Tax Exempt Account.
- 7.4 With regard to the overall financial position of the Education Fund, it was noted that there was a decrease of 2.4% in the Fixed Deposit, Cash and Cash Equivalents which stood at RM1,835,241 whereas the Accumulated Fund was RM2,501,706 recording a decrease of 1.8% compared to 2021.

7.5 **Questions Session**

- 7.5.1 YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik (DHF09157) reiterated what he mentioned at the last Council meeting on the Education Fund. He also informed the AGM that the Inland Revenue Board (IRB) had been giving tax exemption to IEM for a long time and there was a need to find out whether there was any time limit on the tax exemption. It was noted that the tax exemption would expire in 2026 and this was mentioned during the Presidency of Ir. Ong Ching Loon.

In view of this, YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik suggested that IEM would need to apply for tax exemption not less than six months before the expiry date. Secondly, the spending of 50% on the income generated from the previous year should always be adhered to.

Thirdly, YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik suggested that IEM should check with the IRB whether sponsorship of students from the Education Fund should indicate that the students were attending conferences and not the FEIAP General Assembly (GA).

The President then thanked YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik for the good advice and will take into consideration his suggestion.

The Honorary Treasurer then informed the AGM that the expiry date of the tax exemption status was 31 December 2025. With regards to the travelling expenses, there was a need for IEM to justify on the purpose of the travelling and it should be in line of the objective of the fund.

Since there were no further questions from the floor as well as online, Ir. Assoc. Prof. Dr. David Chuah Joon Huang (F57551) proposed the adoption of the Education Fund Financial Statements for IEM for the year ended 31 December 2023. The motion was seconded by YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik (DHF09157). The AGM then adopted the Education Fund Financial Statement.

8.0 **PROPOSED AMENDMENTS TO CONSTITUTION AND BYLAWS**

The President informed the AGM that the proposed amendments were presented on page 7. The Honorary Secretary then further informed that the amendments would be projected on the screen and the approval would be as follows:

- i. for Corporate Members attending physically in all 3 rooms; Malakoff, 2nd floor and Chin Fung Kee Auditorium would have received a yellow coloured card each at the registration counter. Those in FAVOUR/NOT IN FAVOUR/ABSTAIN on the proposed amendments would need to **RAISE THEIR HANDS** and **SHOW THE YELLOW CARD**
- ii. for Members who were online, a pop-up polling message would on their screen. The Members would need to click on the selection – whether to approve/not approve/abstain and thereafter submit their selection.

The President then invited Ir. Lai Sze Ching to go through the amendments article by article of which all the comments from the last AGM that had been addressed. The following Articles were mentioned:

8.1 **Article II Membership**

Article 2.5

The amendments were on the inclusion of new membership grades and abbreviations for Affiliate and Associate.

Distinguished Honorary Fellows, Honorary Fellows, Fellows, Distinguished Members, Honorary Members, Senior Members, Members, Companions, Graduate Members, and Incorporated Members, Engineering Technologist Members, Engineering Technician Members, Engineering Technologist Graduate Members, Engineering Technician Graduate Members, Affiliate Members and Associate Members shall be entitled to the exclusive use after their names of the following abbreviated forms showing their grades of Membership:

Distinguished Honorary Fellow	D. Hon. F.I.E.M.
Honorary Fellow	Hon. F.I.E.M.
Fellow	F.I.E.M.
Distinguished Member	D.M.I.E.M.
Honorary Member	Hon. M.I.E.M.
Senior Member	S.M.I.E.M.
Member	M.I.E.M.
Senior Graduate Member	S. Grad.I.E.M.
Graduate Member	Grad. I.E.M.
Engineering Technologist Member	E.T.I.E.M.
Engineering Technologist Graduate Member	Grad. E.T.I.E.M.
Engineering Technician Member	E.Tn.I.E.M.
Engineering Technician Graduate Member	Grad. E.Tn.I.E.M.
Incorporated Member	Inc. I.E.M.

To insert/add:

Affiliate Member

Aff. I.E.M.

Associate Member

Assoc. I.E.M.

President then informed the AGM to proceed to vote on the above-mentioned amendments.

8.2

Article IV Sources Of Income

Article 4.2.1

The amendments were for the reduction of the Subscription Fee for the Engineering Technician Graduate Member and Associate Member as proposed at the AGM in 2020:

Engineering Technician Member	RM155.00
Engineering Technician Graduate Member, who in the year has attained the age of 30	RM155.00 RM80.00
has not attained the age of 30	RM100.00 RM50.00
Associate Member, who in the year has attained the age of 30	RM155.00 RM80.00
has not attained the age of 30	RM100.00 RM50.00

8.3

Article IX Amendments and Dissolution

Article 9.2

The amendment was to include the word “**electronic**” vote/ballot for amendments to the Constitution.

The proposed amendment as drafted by the Honorary Secretary shall be tabled for discussion at the General Meeting and it may be amended in any manner pertinent to the petitions by a majority vote at the said Meeting, and if amended, shall be voted upon by postal ballot *or electronic vote as provided for under The Institution’s Bylaws* in a form as amended by the said meeting. If not amended, the proposed amendment as submitted shall be voted upon by postal or *electronic* ballot.

The results from the voting were tabulated and presented as follows:

Article	In Favour	Not In Favour	Abstain
2.5	312	35	29
4.2.1	319	50	22
9.2	323	10	30

Therefore, all the proposed amendments were passed by the AGM. These amendments would still need to be sent for balloting and thereafter to the ROS before it can be implemented.

9.0 DISCUSSION ON WRITTEN ISSUES RECEIVED FROM MEMBERS

The AGM was informed that there were no issues for AGM to note.

10.0 ANNOUNCEMENT OF THE RESULT OF e-BALLOTING FOR COUNCIL 2023/2024 SESSION

The President invited the Election Officer, YBhg. Dato' Paduka Ir. Hj. (Dr.) Keizrul bin Abdullah to announce the results of the election for the session 2023/2024.

10.1 The President and the Deputy President

In accordance with Section 5.2 of the Bylaws, Ir. Prof. Dr. Norlida binti Buniyamin continues her second year in the office of President while Ir. Prof. Dr. Jeffrey Chiang Choong Luin continues in the office of Deputy President for the session 2023/2024.

10.2 Council Vacancies for Session 2023/2024

The Election Officer then informed the AGM on the various Council vacancies as follows:

- Vice President with 4 vacancies for 2 sessions
- Hon Secretary with 1 vacancy for 1 session
- Hon Treasurer with 1 vacancy for 1 session

Council Members

- Civil Representative – 1 vacancy for 3 sessions
- Electrical Representative – 1 vacancy for 3 sessions
- Mechanical Representative – 1 vacancy for 3 sessions
- Structural Representative – 1 vacancy for 3 sessions
- ICT and Multimedia Representative – 1 vacancy for 3 sessions
- Ordinary Representative – 6 vacancies for 3 sessions

On a similar note concerning the election of representatives to Council, the Election Officer felt that IEM should be fair to the members who were elected to Council as well as nominated to be IEM representatives to the Board.

He highlighted that the IEM representatives had been doing their best to put IEM's stand in the Board's Agenda. The Election Officer then cited his experience last year when he was involved amending Regulation 34 (1) of the Registration of Engineers Act (REA). He further explained that Regulation 34 (1) was mainly to allow the shares of the Engineering Consultancy Practice (ECP) to the public. The Election Officer further informed that he was requested to present the amendments at the Board meeting. It was noted that when voting was conducted, the five (5) IEM representatives to the Board voted against the said Regulation knowing that it was best for the profession although some of the representatives were ECPs. As such, the Election Officer felt that the IEM representatives should not be put in an unfavourable light. He stressed that IEM should treat the IEM representatives fairly as they are doing the best and for the good of IEM.

The Election Officer then continued with the following items:

10.3 Vice Presidents, Hon Secretary, Hon Treasurer and Others

The AGM was also informed that the following offices did not require balloting as there was only one candidate:

10.3.1 *Office of Council Member - Civil Representative (One (1) vacancy for 3 sessions 2023/2024, 2024/2025 and 2025/2026)*

There were three nominations received for this office but two were disqualified due to various reasons. Thus, **Ir. Tu Yong Eng** was duly elected to the office of Council Member – Civil Representative for the sessions 2023/2024, 2024/2025 and 2025/2026.

10.3.2 **Office of Council Member - Structural Representative (One (1) vacancy for 3 sessions 2023/2024, 2024/2025 and 2025/2026)**

There was only one nomination received for this office. Thus, **Ir. Dr. Tan Kuang Leong** was duly elected unopposed to the office of Council Member – Structural Representative for sessions 2023/2024, 2024/2025 and 2025/2026.

10.4 The Election Officer then further explained the procedure on the following offices that required balloting:

- Vice Presidents
- Honorary Secretary
- Honorary Treasurer
- Council Member – Electrical Representative
- Council Member – Mechanical Representative
- Council Member – ICT and Multimedia Representative
- Council Members – Ordinary Representatives

The Election Officer informed that emails and SMS with the link for e-ballot for the abovementioned offices which required balloting were sent to a total of 11,972 Corporate Members.

The email and SMS (*SMS only for members residing in the country*) with the e-ballot link was sent out on 6 March 2023.

The closing date for submission of e-ballot was on 1 April 2023 at 12.00nn where the balloting exercise will be automatically closed by the programme. The system would then send a password to the Election Officer to generate the results.

Using the password, the results were generated at 12.05pm on 1 April 2023 in the presence of the Scrutineers Ir. Hj. Mohamed Ali Yusoff, Ir. Prof. Dr. Jeffrey Chiang Choong Luin and Ir. Mohd Khir bin Muhammad. A total of 2,452 Corporate Members casted their e-votes.

10.5 **Office of Vice President (Four (4) vacancies for 2 sessions 2023/2024 and 2024/2025)**

The following four (4) candidates with the highest number of votes were duly elected to the office of Vice President for the sessions 2023/2024 and 2024/2025.

- (i) Ir. Yau Chau Fong
- (ii) Ir. Dr. Siti Hawa binti Hamzah
- (iii) Ir. Fam Yew Hin
- (iv) Ir. Chen Harn Shean

10.6 **Office of Honorary Secretary (One (1) vacancy for session 2023/2024)**

There were four (4) nominations received. Ir. Prof. Dr. Zuhaina binti Zakaria with the highest number of votes was duly elected to the office of Honorary Secretary for the session 2023/2024.

10.7 **Office of Honorary Treasurer – One (1) vacancy for 1 session 2023/2024**

Three (3) nominations were received. Ir. Assoc. Prof. Dr. Chuah Joon Huang with the highest number of votes was duly elected to the office of Honorary Treasurer for the session 2023/2024.

10.8 **Office of Council Member – Electrical Representative - One (1) vacancy for 3 sessions 2023/2024, 2024/2025 and 2025/2026**

Two (2) nominations were received. Ir. Mohd. Aman bin Hj. Idris with the highest number of votes was duly elected to the office of Council Member – Electrical Representative - One (1) vacancy for sessions 2023/2024, 2024/2025 and 2025/2026.

10.9 **Office of Council Member – Mechanical Representative - One (1) vacancy for 3 sessions 2023/2024, 2024/2025 and 2025/2026**

Three (3) nominations were received but one (1) was disqualified. Ir. Ng Yong Kong with the highest number of votes was duly elected to the office of Council Member – Mechanical Representative - One (1) vacancy for sessions 2023/2024, 2024/2025 and 2025/2026

10.10 Office of Council Member – ICT and Multimedia Representative - One (1) vacancy for 3 sessions 2023/2024, 2024/2025 and 2025/2026

Four (4) nominations were received but one was disqualified. Ir. Assoc. Prof. Dr. Lai Khin Wee with the highest number of votes was duly elected to the office of Council Member – ICT and Multimedia Representative - One (1) vacancy for sessions 2023/2024, 2024/2025 and 2025/2026.

10.11 Office Council Member – Ordinary Representative - Six (6) vacancies for 3 sessions, 2023/2024, 2024/2025 and 2025/2026

Twenty-four (24) nominations were received but three (3) were disqualified. The following six (6) candidates with the highest number of votes were duly elected to the office of Council Members – Ordinary Representative for the sessions 2023/2024, 2024/2025 and 2025/2026:

1. Ir. Sharifah Azlina binti Raja Kamal Pasmah
2. Ir. Prof. Dr. Zuhaina binti Zakaria
3. Ir. Dr. Wan Syakirah binti Wan Abdullah
4. Ir. Dr. Mui Kai Yin
5. Ir. Shamil bin Abu Hassan
6. Ir. Wan Rizaluddin bin Wan Abdullah

The Election Officer then congratulated all the successful candidates.

10.12 The Election Officer further informed the AGM that the election exercise covered a period of about six (6) months and the total cost was RM4,292.58 (*cost of sending sms*) excluding IEM staff cost. The total number of e-ballot links emailed out to members this year was 11,972.

The Election Officer also inform that based on the number of e-ballots returned, there was an improvement compared to the year before (20.5% cf 17.5%). Nevertheless, this means that there was still about 80% of the eligible Corporate Members who did not cast their votes.

10.13 The Election Officer then thanked the Scrutineers, Ir. Prof. Dr. Zainal Abidin bin Ahmad, Ir. Hj. Mohamed Ali Yusoff, Ir. Prof. Dr. Jeffrey Chiang Choong Luin, Ir. Ts. Prof. Dr. Tan Chee Fai and Ir. Mohd Khir bin Muhammad for their valuable assistance. The Election Officer also thanked the Secretariat for their full cooperation as well as the Council for their support.

The President thanked YBhg. Dato' Paduka Ir. Hj. (Dr.) Keizrul bin Abdullah for his services and support for conducting the election process. In addition, she also informed that there were some members who had been elected to more than 1 position and as such, there would be some casual vacancies which will be filled in accordance with the IEM SOP. The names would be endorsed by the Council at the first meeting after the AGM.

11.0 AWARDS PRESENTATION

The President then announced that as per the tradition set for the last few years, some of the awards would be presented during the AGM. The Emcee then proceeded with the Awards ceremony.

11.1 Tan Sri Ir. Hj. Yusoff Ibrahim Final Year Project 2022

The AGM noted that the winner of the Tan Sri Ir. Hj. Yusoff Ibrahim Final Year Project 2023 was Chng Sook Ling from Tunku Abdul Rahman University College with the topic "*Cu-Gr-TiO₂ Ternary Nanocomposite for the Application of Anticorrosion Coating: Synthesis, Characterization and Anticorrosion properties*".

The AGM also noted that the 3rd place winner was Low Ee Sam from Universiti Malaya whereas the 2nd place winner was Nurul Nadiah binti Zulkeflee from Universiti Putra Malaysia.

The following received the consolation prizes:

1. Adrian Ng Tzemin from University Malaya
2. Yee Jia Jun from University Malaysia Pahang
3. Nabillah binti Mahmud Seri Wijaya from Universiti Putra Malaysia
4. Tai Jia Wei from Universiti Tunku Abdul Rahman

11.2 Certificate presentation to the Fellows of IEM

The AGM noted the Members of IEM who had been transferred to the grade of Fellow. The following Members received their certificates and pin:

1. Ir. Dr. Mui Kai Yin
2. Ir. Prof. Dr. Raizal Saifulnaz bin Muhamad Rashid
3. Ir. Chang Toong Woh
4. Ir. Chong Chee Yen

11.3 IEM Best Technical Paper

The AGM noted the following list of winners for the TAN SRI HJ. YUSOFF IBRAHIM PRIZE.

1. **Ir. YEE THIEN SENG** for the paper entitled “*Some Engineering Issues Peculiar to Road Embankment Construction on Soft Soils*” – for Civil Category
2. **Ir. Dr. BHUVENDHRAA a/l RUDRUSAMY** for the paper entitled “*Autonomous 3D Mapping Drone Framework For Sustainable Building Construction Monitoring Using Photogrammetry And Industry 4.0 Technologies*” – for Other Category
3. **Ir. THUM PENG CHEW** for the paper entitled “*The Impact of Direct Lightning Strike Damages on Pv Modules in A Large Malaysian PV Farm*” – for Electrical Category

11.4 IEM Young Engineers Award 2023

The emcee then invited the President to present the IEM Young Engineers Award 2023 to the following winners:

1. Ir. Dr. Siow Chun Lim for the academic category
2. Mr. Alex Looi Tink Huey for the industry category

11.5 IEM Woman Engineer Award 2023

The EMCEE then proceeded to announce the winner for the IEM Woman Engineer Award for 2023 to Ir. Catherine Sim Siew Ping. Ir. Catherine Sim received a trophy and a certificate.

12.0 RETIRING COUNCIL MEMBERS

The President then presented tokens of appreciation to the retiring Council Members who were retiring from office for the session 2022/2023:

1. YBhg. Dato' Ir. Dr. Gue See Sew
2. YBhg. Dato' Ir. Ahmad Murad bin Omar
3. Ir. Dr. Lee Yun Fook
4. Ir. Dr. Aidil bin Chee Tahir
5. Ir. Gunasagaran a/l Kristnan
6. Ir. Jeewa a/l Vengadasalam
7. Ir. Dr. Chan Swee Huat
8. Ir. Ellias bin Saidin
9. Ir. Mohd Radzi bin Salleh
10. YBhg. Dato' Ir. Anuar bin Hj. Yahya
11. Ir. Dr. Teo Fang Yenn
12. Ir. Sundraraj a/l Krishnasamy
13. YBhg. Dato' Ir. Nor Hisham bin Mohd Ghazali
14. Ir. Bernard Lim Kee Weng
15. YBhg. Dato' Sri Ir. Liew Mun Hon
16. YBhg. Dato' Ir. Wan Nazari bin Wan Jusoh
17. Ir. Chong Chee Yen
18. YBhg. Dato' Ir. Janang Ak Bungsu
19. Ir. Mohd. Saiful bin Ashrul Ishak
20. Ir. Nik Ab. Hadi bin Nik Hassan

12.1 The AGM was informed that the following retiring Council members were not able to be present to collect the tokens. However, the tokens would be delivered to them.

1. Ir. David Lai Kong Phooi
2. Ir. Yap Soon Hoe
3. Ir. Francis Xavier Jacob
4. Ir. Lai Sze Ching
5. YBhg. Dato' Ir. Prof. Dr. Mohd Hamdi bin Abd. Shukor

13.0 PAST PRESIDENTS

Proceeding with the AGM, the President informed that Council had invited the following Past Presidents to serve, and they have all consented and accepted the invitation. The Past Presidents who had accepted the invitation were:

- i. YBhg. Academician Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin
- ii. YBhg. Dato' Paduka Ir. Hj. (Dr.) Keizrul bin Abdullah
- iii. YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik
- iv. YBhg. Dato' Ir. Lim Chow Hock
- v. Ir. Dr. Tan Yean Chin

President then thanked all other Past Presidents for their contribution and unwavering support in the past sessions and hope they will continue to support and guide IEM.

14.0 ELECTION OF HONORARY INTERNAL AUDITORS

The President then proceeded to call for nominations for the position of Honorary Internal Auditors. She further informed the AGM that the current internal auditors were Ir. Assoc. Prof. Dr. David Chuah Joon Huang (F57551) and Ir. Steven Toh Chin Kok (M21175). However, it was noted that Ir. Assoc. Prof. Dr. David Chuah Joon Huang had been elected as Honorary Treasurer and would not be able to serve as Internal Auditor. In view of this, there was a need to nominate the Honorary Internal Auditors for Session 2023/2024.

The members were then advised to click on the RAISE HAND icon should they wish to nominate the two (2) internal auditors. The following were nominated:

	Candidate	Proposer	Secunder
1.	Ir. Dr. Teo Fang Yenn (F26373)	Ir. Wong Chee Fui (F20903)	YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik (HDF09157)
2.	Ir. Bernard Lim Kee Weng (F18809)	Ir. Ong Ching Loon (F11938)	Ir. Rusnida binti Talib (M43183)

Since there were no further nominations received, the AGM approved the following members as IEM Internal Auditors for Session 2023/2024:

1. Ir. Dr. Teo Fang Yenn (F26373)
2. Ir. Bernard Lim Kee Weng (F18809)

15.0 APPOINTMENT OF EXTERNAL AUDITORS

The AGM noted that Council had decided to re-appoint TNL Partners PLT Chartered Accounts as external auditor for year 2023.

16.0 PRESIDENTIAL ADDRESS 2023/2024

The Emcee then invited the new President to deliver her Presidential Address entitled "*Continuing the Pursuit for Sustainability*".

At the end of the AGM, a soft copy of the Presidential Address will be made available to all the online participants. Members attending physically can collect a hard copy from the registration counter.

17.0

END OF 64TH ANNUAL GENERAL MEETING 2023

The President thanked the members who attended the AGM physically as well as virtual.

Prior to declaring the adjournment of the AGM, the President requested all members present to convey Hari Raya greetings by saying "SELAMAT HARI RAYA AIDILFITRI!" for recording purposes for all IEM members.



Ir. Prof. Dr. Norlida binti Buniyamin
Yang DiPertua



Ir. Prof. Dr. Zuhaina binti Zakaria
Setiausaha Kehormat

ANNUAL GENERAL MEETING ATTENDANCE LIST
Senarai Ahli Yang Hadir ke Mesyuarat Agung Tahunan

No.	Name	Membership No.
DISTINGUISHED HONORARY FELLOW		
1	YBhg. Academician Tan Sri Ir. Prof. Dr. Chuah Hean Teik	09157
2	Academician Dato' Ir. Lee Yee Cheong	00220
HONORARY FELLOW		
3	Ir. Chen Kim Kieong	05128
4	Dato' Ir. Dr. Gue See Sew	03975
5	Dato' Paduka Ir. Hj. (Dr.) Keizrul bin Abdullah @ Lim Teik Keat	01691
6	Ir. Lai Kong Phooi	09917
7	Dato' Ir. Lim Chow Hock	02531
8	YBhg. Datuk Ir. Prof. Dr. Ow Chee Sheng	05738
9	Ir. Dr. Tan Yean Chin	11712
FELLOW		
10	Ir. Abdul Razak bin Yakob	59192
11	Ir. Abrizan bin Abdul Kadir	18175
12	Dato' Ir. Ahmad Murad bin Omar	04741
13	Ir. Ahmad Nazari bin Ashari	06788
14	Ir. Ahmad Rafidi bin Mohayiddin	22228
15	Ir. Dr. Aidil bin Chee Tahir	22249
16	Ir. Arul Hisham bin Abdul Rahim	12373
17	Ir. Awangku Hidup bin Awangku Hosain	03053
18	Ir. Dr. Bernard Lim Kee Weng	18809
19	Ir. Dr. Bhuvendhraa a/l Rudrusamy	26383
20	Ir. Dr. Chan Seong Phun	43723
21	Ir. Chen Harn Shean	23894
22	Ir. Prof. Dr. Cheong Kuan Yew	18543
23	Ir. Prof. Dr. Chiang Choong Luin	20286
24	Ir. Chong Chew Fan	25416
25	Ir. Chong Chi Koong	18794
26	Ir. Chong Chien Hwa	26348
27	Ir. Prof. Ts. Dr. Chuah Joon Huang	57551
28	Ir. Elias bin Saidin	10100
29	Ir. Fam Yew Hin	20926
30	Ir. Prof. Dr. Foo Chwan Yee	22445
31	Dato' Ir. Foong Choy Chye	03799
32	Ir. Goh Soon Boon	06751
33	Ir. Gopal Narian Kutty	11291
34	Ir. Han Seng Kong	13421
35	Dato' Ir. Ho Cheong Sing	03445
36	Dato' Pahlawan Ir. Jasan Ahpandi bin Sulaiman	13588
37	Ir. Jeewa a/l Vengadasalam	05986
38	Ir. C. Kamalesan a/l Chandrasekaran	21526
39	Ir. Khoo Chee Min	19556
40	Ir. Lai Sze Ching	04687
41	Ir. Lee Boon Chong	08092
42	Ir. Assoc. Prof. Dr. Lee Tin Sin	27985
43	Ir. Dr. Lee Yun Fook	38707
44	Ir. Prof. Dr. Leong Wai Yie	60691
45	Ir. Li Thang Fai	15803
46	Dato' Sri Ir. Dr. Ts. Liew Mun Hon	20681
47	Ir. Ling Ngie Soon	12685
48	Ir. Lock Chin Pong	05036
49	Ir. Hj. Mohd. Aman bin Haji Idris	02176
50	Ir. Mohd Azha bin Abu Samah	16254
51	Ir. Mohd Khir bin Muhammad	18791
52	Ir. Hj. Mohd Radzi bin Salleh	20112
53	Ir. Dr. Mui Kai Yin	18773

No.	Name	Membership No.
54	Ir. Ng Chek Pin	01969
55	Dato' Ir. Ng Sin Chie	06697
56	Ir. Dr. Ng Soon Ching	30662
57	Ir. Ng Yong Kong	05043
58	Dato' Ir. Nor Hisham bin Mohd. Ghazali	12458
59	Ir. Prof. Dr. Norlida binti Bunyamin	13746
60	Ir. Dr. Oh Seong Por	28476
61	Ir. Ong Ching Loon	11938
62	Prof. Ir. Dr. Raizal Saifulnaz bin Muhammad Rashid	22462
63	Ir. Razmahwata bin Mohamad Razalli	17029
64	Ir. Santha Kumaran a/l Erusan @ Krishnan	18975
65	Ir. Sharifah Azlina binti Raja Kamal Pasmah	13151
66	Ir. Sim Hui Kheng	19167
67	Ir. Dr. Siti Hawa binti Hamzah	08457
68	Ir. Sundraraj a/l A. Krishnasamy	07933
69	Ir. Syed Fadzil bin Syed Mohamed	21672
70	Ir. Tan Boon Beng	07465
71	Ir. Ts. Prof. Dr. Tan Chee Fai	18343
72	Ir. Dr. Tan Kuang Leong	13221
73	Ir. Tang Chok Khing	07369
74	Ir. Prof. Dr. Tee Tiam Ting	03303
75	Ir. Ts. Prof. Dr. Teo Fang Yenn	26373
76	Ir. Tiong Choong Han	20890
77	Ir. Tiong Ngo Pu	07252
78	Ir. Prof. Dr. Vigna Kumaran a/l Ramachandaramurthy	29136
79	Ir. Wong Chee Fui	20903
80	Ir. Yam Teong Sian	05613
81	Ir. Yau Chau Fong	20215
82	Ir. Yeong Chin Chow	18660
83	Ir. Yim Hon Wa	08247
SENIOR MEMBER		
84	Ir. Cheng Yew Leong	20314
85	Ir. Ganesrajsingham Veerasingam	15485
86	Ir. Hii Hwang	19653
87	Ir. Dr. Lee Choo Yong	29738
88	Ir. Dr. Lohgheswary a/p Nagarethinam	88784
89	Ir. Mau Kwong Ching @ Moo Kwang Ching	02014
90	Ir. Nur Azhani binti Mohamad Rosli	100933
91	Ir. Soh Cheng Sim, Eric	43063
92	Ir. Tan Chee Koan	19296
93	Ir. Tham Kim Swee	14468
94	Ir. Ts. Dr. Zarabizan bin Zakaria	48130
MEMBER		
95	Dato' Kapt. (B) Ir. Haji Anuar bin Yahya	16894
96	Ir. Abdul Hannan bin Ashaari	16523
97	Ir. Abdul Kalthani bin Abdul Ghani	05204
98	Ir. Abang Mohammad Syaffiq Idzuan bin Razak	50023
99	Ir. Abdul Wahid bin Pajjo	18631
100	Ir. Abdullah bin Ismail	07446
101	Ir. Addnan bin Mohd Razali	09388
102	Ir. Adriana binti Ab. Aziz	35626
103	Ir. Ady bin Adnan	119673
104	Ir. Ahmad bin Haji Darus	11619
105	Ir. Ahmad Shauffi bin Hj. Mohamad Sharkawi	21641
106	Ir. Ahmad Shamsol bin Jusoh	22055
107	Ir. Al-Khairi bin Mohd Daud	14670

No.	Name	Membership No.
108	Ir. Aminudin bin Mohd Mashuridin	24171
109	Ir. Amiruddin bin Amkaromi	85504
110	Ir. Ang Aing Thye	07453
111	Ir. Ang Ek Koon	06196
112	Ir. Ang Lee Huat	03016
113	Ir. Ang Li Ching	43958
114	Ir. Ang Mei Yu	06981
115	Ir. Ang Teng Hong	27536
116	Ir. Anhar bin Anuar	10857
117	Ir. Aruljothy Pahavan	17449
118	Ir. Awang Zaideladha bin Awang Redzuan	36989
119	Ir. Azmir bin Mohd Isa	70476
120	Ir. Baran Razali	54388
121	Ir. Bee Soo Tureen	23710
122	Ir. Bek Pan Chin	21834
123	Ir. Bernard Suling Nanggang	05702
124	Ir. Bhupinder Singh Brar a/l Kirpal Singh Brar	34419
125	Ir. Bong Kuek Poh, Frederick	08427
126	Ir. Bong Ting Ting	112497
127	Ir. Bukhari bin Mansor	16780
128	Ir. Chai Ko Het	08223
129	Ir. Chai Mei Hwa	79569
130	Ir. Chai Pak Shin, Erwin	75283
131	Ir. Chai Seong Wai	26918
132	Ir. Chai Shiong Yen	78464
133	Ir. Chai Sin Yee, Dorothy	28955
134	Ir. Chai Yoke Fong	102024
135	Ir. Chai Yoke Lee	27953
136	Ir. Chan Hoe Cheong	29066
137	Ir. Chan Hooi San	49572
138	Ir. Chan Hwan Wee	20531
139	Ir. Chan Kah Hoe	06867
140	Ir. Chan Kwok Kwang	34159
141	Ir. Chan Phoo Thien, Paul	07856
142	Ir. Chan Pui Khuan	34867
143	Ir. Chan Sin Sang	04750
144	Ir. Chan Soo Chai	15647
145	Ir. Chan Vui Tze	22636
146	Ir. Chan Wah Cheong	15699
147	Ir. Chan Wei Thien	33805
148	Ir. Chan Yin Har	49407
149	Ir. Chandrasegran a/l Uthirapathy	16521
150	Ir. Chang Chew Leong	15783
151	Ir. Chang Heen Loong	69506
152	Ir. Chang Teck Leong	64761
153	Ir. Chang Toong Woh	17503
154	Ir. Che Kean Wui	28810
155	Ir. Cheang Kok Meng	05221
156	Ir. Cheang Seit Keong	22717
157	Ir. Chee Lian Chai	08070
158	Ir. Chen Fun Chien	25407
159	Ir. Chen Sin Khong	13813
160	Ir. Chen Yie Chin	30663
161	Ir. Chen Yong Chin @ Chen Yung Ching	03438
162	Ir. Cheng Chin Chuan	21201
163	Ir. Cheng Kam Hon	28830
164	Ir. Cheng Shu Hui	44179
165	Ir. Cheo Yuan Ping	21137
166	Ir. Cheok Ka Hiang	07185
167	Ir. Cheong Choong Fiee	08370
168	Ir. Cheong Kok Sang	14885

No.	Name	Membership No.
169	Ir. Cheong Taik Weng, Alwie	15733
170	Ir. Cheong Tee Jin	71687
171	Ir. Cheong Yoon Kwan	15455
172	Ir. Cheu Teck Sen, Marcus	38598
173	Ir. Chew Gim Cheng	02911
174	Ir. Chew Kay Aik	53824
175	Ir. Chew Leak Yan	16406
176	Ir. Chia Ban Ching	46741
177	Ir. Chia Ying Sim	93542
178	Ir. Chia Yun Lee	20069
179	Ir. Chieng Heng Ming	50213
180	Ir. Chieng Siew Hui	16591
181	Ir. Chiew Ah Peng	02787
182	Ir. Chiew June Loi	23420
183	Ir. Chiew Sow Ing	53789
184	Ir. Chin Bin	41133
185	Ir. Chin Chee Seong	18304
186	Ir. Chin Ching Wei	27103
187	Ir. Chin Nyuk Jyi	32881
188	Ir. Chin Shyi Her	24341
189	Ir. Chin Tet Fu @ Willy	20404
190	Ir. Chin Yee Loong	64694
191	Ir. Chin Yen Wei @ Tan Yen Wei	84918
192	Ir. Ch'ng Huey Khim	38592
193	Ir. Choi Yet You	20385
194	Ir. Chong Boon Hui	36309
195	Ir. Chong Chan Kiat	103108
196	Ir. Chong Chee Yen	18782
197	Ir. Chong Chee Yong	06854
198	Ir. Chong Chien Loong	118689
199	Ir. Chong Chuan Yee	23484
200	Ir. Chong Fo Ah	05853
201	Ir. Chong Fook Chow	03956
202	Ir. Chong Ing Ing	20965
203	Ir. Chong Kean Yee	23120
204	Ir. Chong Kian Wei	35768
205	Ir. Chong Shah Leong	22920
206	Ir. Chong Tjun Yie	52531
207	Ir. Chong Tzih Sen	07859
208	Ir. Chong Yee Horng	71206
209	Ir. Choo Boon Chong	102373
210	Ir. Choo Kok Wah	43177
211	Ir. Choong Chee Khin	22581
212	Ir. Choong Foong Heng	11822
213	Ir. Choong Kah Chun	20532
214	Ir. Choong Kean Wui	28036
215	Ir. Chow Chee Choy	18439
216	Ir. Chow Soon Lee	27906
217	Ir. Choy Kim Loong	20202
218	Ir. Chu Soon Hon	43438
219	Ir. Chu Yee Sheng	121145
220	Ir. Chua Lee Boon	03650
221	Ir. Chua Wei Ping	23549
222	Ir. Chua Yaw Long	24204
223	Ir. Chuang Kuang Cherng	92330
224	Ir. Chung Kah Jin	33948
225	Ir. Chung Yee Yong	54190
226	Ir. Dr. Aidil bin Chee Tahir	18254
227	Ir. Dr. Chan Swee Huat	16205
228	Ir. Dr. Eow John Son	23840
229	Ir. Dr. Han Khee Kwong	12711

No.	Name	Membership No.
230	Ir. Dr. Khairul Nizam bin Md Tohit	48950
231	Ir. Dr. Lai Mun Kou	66812
232	Ir. Dr. Lam Wei Haur	54113
233	Ir. Dr. Lee Kit Yee, Sara	89636
234	Ir. Dr. Nor Ilia Anisa binti Aris	29428
235	Ir. Dr. Wong Jee Keen, Raymond	37834
236	Ir. Dr. Hoo Choon Lih	37490
237	Ir. Dr. Hum Yan Chai	61159
238	Ir. Dr. Lau Hieng Ho	18741
239	Ir. Dr. Ooi Heong Beng	01133
240	Ir. Dr. Siow Chun Lim	79391
241	Ir. Dr. Wong Wai Sam	16485
242	Ir. Egu Phooi Mei	26616
243	Ir. Elly Nadya binti Bajuri	85924
244	Mr. Eng Yong Kheng	19052
245	Ir. Esvaran a/l Aparahu	118567
246	Ir. Fadhli Shazlan bin Abdul Rahman	58690
247	Mr. Fakhru Zakee bin Abd. Kadir	29696
248	Ir. Fong Chong Yit	25644
249	Ir. Fong Wai Loong, Melvin	81276
250	Ir. Foo Kai Jaan	22304
251	Ir. Foo Kam Fai	20060
252	Ir. Foo Sin Yew	05556
253	Ir. Foo Yu Hwa	03659
254	Ir. Foong Chee Wai	20563
255	Ir. Foong Kok Li	87695
256	Ir. Francis Xavier Jacob	09765
257	Ir. Dr. Gan Jet Hong, Melvin	114674
258	Ir. Gan Kim San	07456
259	Ir. Gan Kin Choon	08897
260	Ir. Gan Kok Seong	11523
261	Ir. Gan Tian Eng	04904
262	Ir. Gan Wah Bin	08973
263	Ir. Gin Teang Wah	13957
264	Ir. Goh Chia Chuan, Jason	47605
265	Dr. Goh Chien Chung	18081
266	Ir. Goh Pik Hsia	51674
267	Ir. Goh Sheng Pun	18185
268	Ir. Goh Yoke Loong	11786
269	Ir. Goh Yuen Phang	52542
270	Ir. Goon Kid Seng	03800
271	Ir. Han Chee Keong	21184
272	Ir. Hardi Bin Dolah	51635
273	Ir. Haren a/l Seganathirajah	10632
274	Ir. Hassan bin Sulaiman	15266
275	Ir. Heng Aik Chau	12603
276	Ir. Heng Ceah Hooi	43628
277	Ir. Henryson Magan	42039
278	Ir. Hiew Lee Ching	12270
279	Ir. Ho Choon Kwang	17178
280	Ir. Ho Ee Wee, William	112595
281	Ir. Ho Fook Ming	93930
282	Ir. Ho Kian Yean	19448
283	Ir. Ho Kiat Yee	28078
284	Ir. Ho Shun Ten	89544
285	Ir. Ho Swee Cheong	15641
286	Ir. Ho Wan Li	21899
287	Ir. Hong Ah Fook	15106
288	Ir. Hong Siang Sheng	18427
289	Ir. Hoong Farn Cheong, Alvin	30798
290	Ir. Hung Sing Ye	86317

No.	Name	Membership No.
291	Ir. In Wen Aun, Larry	104128
292	Ir. Jagathisen a/l Siva Perumal	05107
293	Ir. Jagjeet Singh Sidhu a/l Charan Singh	07146
294	Ir. Jayasingam Sinnappoo	05979
295	Ir. Johnson Ndawie	33623
296	Ir. Jokolin Jominit	07417
297	Ir. Jong Sie Ping, Lucia	23933
298	Ir. Josue Lozitin	19937
299	Datin Ir. Julina binti Abdul Rahman	15907
300	Ir. Justin Chan Tuck Leong	93760
301	Ir. Kamalendran a/l N. Rajasvaran	22641
302	Ir. Karthigeyan a/l Nallasamy	18698
303	Ir. Kho Teng Teng	111547
304	Ir. Khong Tuck Soon	17053
305	Ir. Khor Kong Chong	13301
306	Ir. Khor Peng Seong	12709
307	Ir. Kiew Keok Khing	44609
308	Ir. Koay Boon Kow	14458
309	Ir. Koh Wei Sang	16432
310	Ir. Kok Hee Poh	15887
311	Ir. Kok Vui Tek	45255
312	Ir. Kok Weng Kong	12678
313	Ir. Kon Chau Hwa	05026
314	Ir. Kong Chee Khiong	05232
315	Ir. Kong Chee Vui	06203
316	Ir. Kong Sin Kooi	08312
317	Ir. Kong Siong Kai, Dennis	21335
318	Ir. Kong Yik Khai	79266
319	Ir. Kong Yong Meng	20636
320	Ir. Kor Fong Yong	03877
321	Ir. Ku Ping Hee	09180
322	Ir. Ku Sim Aik	49421
323	Ir. Kuak Chai Weng	28915
324	Ir. Kuan Eng Khong	15326
325	Ir. Kuan Lee Choo	50228
326	Ir. Kunaseelan a/l Packianathan	02157
327	Ir. Kwan Ching Dao, Michael	18967
328	Ir. Kwok Yew Hoe	27977
329	Ir. Lai Chi Kin	18403
330	Ir. Lai Kee Woo	04879
331	Ir. Lai Tek Hap	39226
332	Ir. Lai Yet Ru	23496
333	Ir. Lam Kok Wai	20798
334	Ir. Lau Chee Khin	02162
335	Ir. Lau Choon Hui, Alan	24537
336	Ir. Lau Eng Kee	21721
337	Ir. Lau Kee Seng	04020
338	Ir. Lau Kiing Chuong	08375
339	Ir. Lau Kok Kee	13239
340	Ir. Lau Lee Yeng	07826
341	Ir. Dr. Lau See Hung	43109
342	Ir. Lau Sheng Rong, Jeffrey	26422
343	Ir. Lau Tai Onn	03704
344	Ir. Lau Wing Kee	95918
345	Ir. Lau Yeo Shin	57094
346	Ir. Law Chun Ming	24887
347	Ir. Law Kim Ping	12937
348	Ir. Law Soon Guan	62055
349	Ir. Law Wee Kiong	07521
350	Ir. Lean Meng Kiat	22899
351	Ir. Lee Ah Soon	01313

No.	Name	Membership No.
352	Ir. Lee Chang Quan	27114
353	Ir. Lee Chee Lim	03361
354	Ir. Lee Cheng Pay	36663
355	Ir. Lee Chow Khweng	06025
356	Ir. Lee Eng Choy	08979
357	Ir. Lee Han Chee	12016
358	Ir. Lee Hui Fuen	118460
359	Ir. Lee Jen Shiong	25659
360	Ir. Lee Kean Yew	30983
361	Ir. Lee Kho Eng, Simon	06105
362	Ir. Lee Kiang Yen	25189
363	Ir. Lee Koi Chin	05617
364	Ir. Lee Kong Song	09196
365	Ir. Lee Le Qin	29879
366	Ir. Lee Leh Sing	20318
367	Ir. Lee Li Keat	20799
368	Ir. Lee Loi Kong	26909
369	Ir. Lee Loong Tat	12271
370	Ir. Lee Mun Poh	08600
371	Ir. Lee See Kim	15418
372	Ir. Lee Sek Chong	06329
373	Ir. Lee Siak Fong	20886
374	Ir. Lee Sin Kaw	12718
375	Ir. Lee Su Yen	29761
376	Ir. Lee Sun Chang	40019
377	Ir. Lee Swee Yong	25439
378	Ir. Lee Toung Tian	22332
379	Ir. Lee Tse Weng	26447
380	Ir. Lee Tuck Choy	08001
381	Ir. Lee Vee Weng	24920
382	Ir. Lee Wee Chu	06369
383	Ir. Lee Yik Choong	16943
384	Mr. Leong Chin Sean	02784
385	Ir. Leong Kah Hau	20857
386	Ir. Leong Kong Heng	05483
387	Ir. Lian Hin Seong	99503
388	Ir. Lieng Wei Ming	17372
389	Ir. Liew Chee Seong	21265
390	Ir. Liew Fook Kiew, Frankie	04677
391	Ir. Liew Hock Chong, Kington	30803
392	Ir. Liew Khee Leong @ Lam Khee Leong	14505
393	Ir. Liew Pik Lee	25100
394	Ir. Liew Siaw Kiat	20706
395	Ir. Liew Teik Shin	14274
396	Ir. Liew Yoke Loy	07875
397	Ir. Lim Beng Seng	12953
398	Ir. Lim Boon Hai	17539
399	Ir. Lim Chee Tat	26384
400	Ir. Lim Chiau Wu	15583
401	Ir. Lim Choh Teck	03787
402	Ir. Lim Chong Beng, Alan	27294
403	Ir. Lim Ee Chui	17376
404	Ir. Lim Fu Yee	43590
405	Ir. Lim Han Neng	22458
406	Ir. Lim Hok Lian	13396
407	Ir. Lim Kah Wee, Tony	14134
408	Ir. Lim Kein Seng	20165
409	Ir. Lim Khean Min	21957
410	Ir. Lim Kian Tong	16038
411	Ir. Lim Kim Ong	32868
412	Ir. Lim Kim Siong	41496

No.	Name	Membership No.
413	Ir. Lim Kim Ten	24468
414	Ir. Lim Lea Pieng	20352
415	Ir. Lim Lee Thon	01871
416	Ir. Lim Liang Jin	27654
417	Ir. Lim Seong Kin	06124
418	Ir. Lim Shiang Jie	95859
419	Ir. Lim Swee Fah	14853
420	Ir. Lim Thou Kiong	26833
421	Ir. Lim Wei Hong	66517
422	Ir. Lim Yin Kin	93859
423	Ir. Lim Yoke Lee	25875
424	Ir. Ling Jen Hua	70261
425	Ir. Ling Sing Kieng, Jarvis	42166
426	Ir. Ling Tieng Kooi	24061
427	Ir. Lit Moon Chew	04688
428	Ir. Lit Moon Kai	10235
429	Ir. Lo Ik Wei	39149
430	Ir. Lo Seng Ling	22779
431	Ir. Loh Boon Chuan, Andrew	72584
432	Ir. Loh Kwan Jou	80742
433	Ir. Loh Sin Seng	32680
434	Ir. Loh Sook Ling	43746
435	Ir. Loh Wei Lun	48896
436	Ir. Loi Tuck Chow	18933
437	Ir. Loi Yiau Hui	21806
438	Ir. Loke Kok Wai	66449
439	Ir. Long Ji Ming	115059
440	Ir. Loo Chee Kin	15863
441	Ir. Loo Chun Man	21821
442	Ir. Loo Moon Whai	02274
443	Ir. Loo Qai Shien	87137
444	Ir. Loo Swee Kee	24850
445	Ir. Looi Tink Huey, Alex	62106
446	Ir. Lou Chi Tong	04372
447	Ir. Low Chiew Keat	14154
448	Ir. Low Seng Soon	07079
449	Ir. Lue Leong Shen, Henry	25443
450	Ir. Mah Siew Kien	66450
451	Ir. Mah Way Sheng	30694
452	Ir. Mahadir bin Mohd Tazrin	86150
453	Ir. Mak Guo Shao	111546
454	Ir. Mardhiyah Syahida binti Berhanuddin	38570
455	Ir. Mazlan bin Che Ku Ahmad	09975
456	Ir. Md. Nujid bin Ismail	06158
457	Assoc. Prof. Ir. Dr. Md. Salim bin Kamil	11270
458	Ir. Md. Yushairi Kamarul Effendy bin Mohd Yusof	27918
459	Ir. Mohamad Masrihan bin Sibor	107596
460	Ir. Mohamad Zaid bin Mohamad Ali	72642
461	Ir. Mohammad Hazmin bin Noor Mahadi	27188
462	Ir. Mohd Amin bin Shafii	28316
463	Ir. Mohd Azri bin Azman Roslan Petra	121131
464	Ir. Mohd Hazrul Faez bin Rahiam	37095
465	Ir. Mohd Hazzah bin Ahmad Siron	26896
466	Ir. Mohd Helmi bin Md. Izuddin	50690
467	Ir. Mohd Jamil bin Ali	15766
468	Ir. Mohd Khairul Zaki bin Abdullah	57105
469	Ir. Mohd Nasier bin Noorjalih Lee	42319
470	Ir. Mohd Nasir bin Yahya	10122
471	Ir. Mohd Nazri bin Shaari	32692
472	Ir. Mohd Rawawi bin Awang Ngah	84915

No.	Name	Membership No.
473	Ir. Mohd Ridzuan bin Suid	94378
474	Ir. Mohd Shafeeq bin Mohd Tahir	118848
475	Ir. Mohd Shahrudin bin Mohd Alias	31137
476	Ir. Mohd Shokri bin Daud	15381
477	Ir. Mohd Soleham Juraimi bin Kamarudin	43581
478	Dato' Ir. Mohd. Zahari bin Mansor	05242
479	Ir. Mohd Zaidi bin Che Mod	36956
480	Ir. Mohd Zailani bin Mod Nor	33942
481	Ir. Mohd Nazari bin Haji Jaffar	17248
482	Ir. Mohmin bin Salim	42025
483	Ir. Mok Wai Liang	61954
484	Ir. Momas Modon	97328
485	Ir. Muhamad Resdi bin Abdul Manaf	30670
486	Mr. Muhammad Siddiq bin Sallehuddin	93827
487	Ir. Mun Yew Fai	38649
488	Ir. Ng Ah Chung	15445
489	Ir. Ng Ban Foun	80674
490	Ir. Ng Boon Chai	100739
491	Ir. Ng Boon Kiat	18171
492	Ir. Ng Chee Chung	79353
493	Ir. Ng Chee Yee	10862
494	Ir. Ng Cheng Sinn	19500
495	Ir. Ng Hian Eik	22535
496	Ir. Ng Horng Heng, Bryan	70557
497	Ir. Ng Jia Lin	28394
498	Ir. Ng Kah Jun	98411
499	Ir. Ng Keong Chin	23157
500	Ir. Ng Min Li	24064
501	Ir. Ng Seng Khiang	13250
502	Ir. Ng Si Yoon	12611
503	Ir. Ng Sook Han, Leona	48908
504	Ir. Ng Teik Poh	13463
505	Ir. Ng Weng Sum	20970
506	Ir. Ng Yen Yee	33777
507	Ir. Ngu Heng Jong	41300
508	Ir. Ngu Koh Kiet	11215
509	Ir. Noorfaizah binti Hamzah	27020
510	Ir. Noradzim bin Manan	102254
511	Datin Ir. Nor Asiah binti Othman	10928
512	Ir. Dr. Nursyarizal bin Mohd Nor	49990
513	Ir. Oh Ming Ooi, Samuel	89714
514	Ir. Oliver Ak Junaidi	21979
515	Ir. On Seng Hooi	09617
516	Ir. Ong Beng Hoe	12715
517	Ir. Ong Boon Leong	73382
518	Ir. Ong Chea Jin	105579
519	Ir. Ong Chiew Ping	25188
520	Ir. Ong Guan Hock	03317
521	Ir. Ong Hui Keng	06643
522	Ir. Ong Kean Sing	23505
523	Ir. Ong Kim Chai	04407
524	Ir. Ong Kwee Lan	18634
525	Ir. Ong Tai Boon	25563
526	Ir. Ong Tang Kook	14229
527	Ir. Ong Teik Chuan	38676
528	Ir. Ooi Beng Hooi	09087
529	Ir. Ooi Chee Siong	27123
530	Ir. Ooi Hock Lye	15897
531	Ir. Oon Yoon Soon	66359
532	Ir. Pan Tze Shun	18196
533	Ir. Pan Wang Fook	25461

No.	Name	Membership No.
534	Ir. Pang Hock Kiong	09767
535	Ir. Pang Kee Chen, Wilson	49272
536	Ir. Pang Kia Kim	22014
537	Ir. Pang San Moh	14936
538	Ir. Pang Su Siong	11930
539	Ir. Pang Wei Chin	24383
540	Ir. Phan Yau Kam	09959
541	Ir. Phang Chee Man	22052
542	Ir. Phua Foo Yong	14396
543	Ir. Poh Boon Chaw	03195
544	Ir. Poh Fong Tee	38882
545	Ir. Pong Vui Wei	28916
546	Ir. Por Teong Hooi	49415
547	Ir. Prashanth a/l Kamalanathan	112798
548	Ir. Prof. Dr. Mohd Hamdi bin Abd Shukor	51636
549	Ir. Prof. Dr. Zuhaina binti Zakaria	20105
550	Ir. Pu Chuan Hsian	23268
551	Ir. Rajandran a/l Suppiah Raman	112501
552	Ir. Ramesh a/l Surianarayanan	101990
553	Ir. Ramzanul Azhim bin Borhan	25463
554	Ir. Ravindra Masilamoney	18416
555	Ir. Redzuan bin Md. Yunus	21173
556	Ir. Rizal Aslan bin Hassan	106197
557	Ir. Roshasmawi bin Abdul Wahab	51712
558	Ir. Rosli bin Mohamed	07055
559	Ir. Roznan bin Abdul Rashid	11490
560	Ir. Rusnida binti Talib	43183
561	Ir. Sahanan bin Saadun	29009
562	Ir. Sahara binti Sai'en @ Abdullah	48899
563	Ir. Sahri bin Bahari	13580
564	Ir. Sar Koon Kong	18575
565	Ir. Sathu Pillay a/l Govindasamy	15707
566	Ir. Se Tho Hoong Tuck	05735
567	Ir. Sek Fook Keong	15645
568	Ir. Sek Fook Meng	13965
569	Ir. Sew Shuh Tyng	11409
570	Komander Ir. Shahrman bin Shawaluddin	22348
571	Ir. Shahrin Amri bin Jahari	20488
572	Ir. Shamil bin Abu Hassan	74323
573	Ir. Shangar Eagamathan	94032
574	Ir. Shanmugaraj C.T. Pillai	03043
575	Ir. Shatiswarren a/l Pachiappan	111853
576	Ir. Shazlina binti Shaharudin	115211
577	Ir. Sheng Kheng Lian	02226
578	Ir. Shuhaili bin Mohamad	25108
579	Ir. Shukhen Dutt	15781
580	Ir. Shum Keng Yan	14287
581	Ir. Sia Kie Ding	25570
582	Ir. Siew Haw Shiun	35790
583	Ir. Siew Ko Chiang	18656
584	Ir. Sik Chin Khuen	58086
585	Ir. Sim Guo Jong @ Tan Guo Jong	57518
586	Ir. Sim See Mong	11287
587	Ir. Sim Siew Ping, Catherine	20604
588	Ir. Sim Wei Hong, James	79319
589	Ir. Siow Koi Tan	06610
590	Ir. Siow Lip Khai	48116
591	Ir. Song Kok Rong	51265
592	Ir. Soo Ching Linn	03300
593	Ir. Soon Can Voon	14791
594	Ir. Sreedaran a/l Raman	38681

No.	Name	Membership No.
595	Ir. Sri Kanthan a/ Veeramuthu	51359
596	Ir. Dr. Striprabu a/ Strimari	112826
597	Ir. Su Kein Leong	70446
598	Kapt. Ir. Sukhdev Singh	11344
599	Ir. Sukhairul Nizam bin Abdul Razak	48536
600	Ir. Sukhvinder Singh a/ Harbans Singh	29221
601	Ir. Suppah Rao a/ Ramanaidu	49296
602	Ir. Suraesh a/ Balakrisan	27638
603	Ir. Suresh a/ Taremelinggam	119309
604	Ir. Swee Jee Wee, Joshua	101985
605	Ir. Syahmizzi Ifwat bin Azharnim	93858
606	Ir. Syamsul Bahreen bin Mohd Satar	95825
607	Ir. Syed Khairi bin Syed Abbas	33199
608	Ir. Syed Salim bin Syed Abu Bakar	07068
609	Ir. Tai Wai Yau	30661
610	Ir. Tai Yew Kian	10202
611	Ir. Tam Jun Hao	85943
612	Ir. Tam Shui Yen	09090
613	Ir. Tan Boon Han	19763
614	Ir. Tan Chee Hsiang	70568
615	Ir. Tan Chee Seng	08821
616	Ir. Tan Cheng Chuan	04988
617	Ir. Tan Jit Hoo	08113
618	Ir. Tan Juat Ngoh	14655
619	Ir. Tan Kee Beng	08318
620	Ir. Tan Khar Meng	45341
621	Ir. Tan Kian Aun	23054
622	Ir. Tan Kien Seng	76209
623	Ir. Tan Lip Jin	16493
624	Ir. Tan Loo Shyang	14648
625	Ir. Tan Seong Yuu	17466
626	Ir. Tan Siak Kwang	13348
627	Ir. Tan Su Leng	25736
628	Ir. Tan Swee Khiam	02673
629	Ir. Tan Swee Kun	04900
630	Ir. Tan Teck Siong	56123
631	Ir. Tan Teck Ying	60730
632	Ir. Tan Thong Meng	10848
633	Ir. Tan Wang Khai	28838
634	Ir. Tan Xian Hui	72353
635	Ir. Tan Zhi Howe	57624
636	Ir. Tang Chee Yong	11694
637	Ir. Tang Chin Chuai	14282
638	Ir. Tang Kuan Pui	42548
639	Ir. Tang Kwang	21897
640	Ir. Tang Sing Wuong, Peter	12770
641	Ir. Tang Soo Ha	04092
642	Ir. Tang Tatt Seng	05871
643	Ir. Tang Theam Hooi	79002
644	Ir. Tat Vun Lim, James	104588
645	Ir. Te Choon Chiam	36838
646	Ir. Tee Wee Song	21293
647	Ir. Teh Han Heng	13295
648	Ir. Teh See Tee	08139
649	Ir. Ten Pang Sin	19972
650	Ir. Tengku Salehudin bin Tengku Bakar	12504
651	Ir. Teo Jin Ann	14400
652	Ir. Teo Kai Peng	88325
653	Ir. Teo Kok Ping	65205
654	Ir. Teo Say Aun	18387
655	Ir. Teoh Kah Waie	39187

No.	Name	Membership No.
656	Ir. Teoh Kok Eng	09083
657	Ir. Teong Ching Et	43603
658	Ir. Teong Hiang Kong	13161
659	Ir. Teow Loo Yih	21200
660	Ir. Teyo Eng Chong	36313
661	Ir. Thayala Rajah a/ C. Selvaduray	03717
662	Ir. Thong Foo How	36302
663	Ir. Tiah Oon Han	19227
664	Ir. Tie King Bang	38612
665	Ir. Tie Tung Ing	19298
666	Ir. Ting Ing Sun	05793
667	Ir. Ting Sing Kwong	06613
668	Ir. Ting Tiew Whong	24193
669	Ir. Tiong Kung Sing	06807
670	Ir. Tiong Vui Yen	58739
671	Ir. Tnay Choon Hwa	08151
672	Mr. Toh Kar Wai	70311
673	Ir. Toh Leong Soon	20335
674	Ir. Toh Lim Kang Siang	18453
675	Ir. Toh Sing Wia	17211
676	Ir. Too Heng Yuen, Jeffrey	94120
677	Ir. Ts. Dr. Tan Kim Seah	77459
678	Ir. Ts. Mohan Dass Albert	116828
679	Ir. Ts. Sim Liang Shin	105231
680	Ir. Ts. Wan Rizaluddin Abdullah bin Wan Ali	39224
681	Ir. Ts. Wong Kok Nian	45915
682	Ir. Tsai Song Meaw, Frederick	20022
683	Ir. Tu Yong Eng	15448
684	Ir. Tung Kwok Choon	03610
685	Ir. Voon Yann Peng	36195
686	Ir. Wan Muzaffar bin Wan Muhammad	37301
687	Ir. Wan Othman bin Wan Jusoh	33762
688	Ir. Wan Yow Choy	20585
689	Ir. Wang Wen Jiang	54062
690	Ir. Wee Chai Siang	84942
691	Ir. Wee Chee Sum	18628
692	Ir. Wei Chng Kai	48435
693	Ir. William Wera Lukam	66769
694	Datuk Ir. Willis Ansoi	10099
695	Ir. Wong Bak Soon, David	105569
696	Ir. Wong Chan Yee	38758
697	Ir. Wong Chek Ing	89023
698	Ir. Wong Chien Soon, Kelly	47076
699	Ir. Wong Chin Weng, Roger	56127
700	Ir. Wong Chow Loong	19614
701	Ir. Wong Chuen Fun, Richard	07180
702	Ir. Wong Fook Kan	08794
703	Ir. Wong Keang Hao	59048
704	Ir. Wong Khee Veai	23761
705	Ir. Wong Kian Leong	22481
706	Ir. Wong Kiing Chai	05749
707	Ir. Wong Kim Yen	01450
708	Ir. Wong Kin Wing	20273
709	Ir. Wong Kok Wai	05845
710	Ir. Wong Kuok Yong	99490
711	Ir. Wong Kwok Mun	14404
712	Ir. Wong Ling Tung	47630
713	Ir. Wong Lung Fei	53628
714	Ir. Wong Meng Fai	43136
715	Ir. Wong Miow Song	03699
716	Ir. Wong Pu Ying	41754

No.	Name	Membership No.
717	Mr. Wong Shaw Fong	90056
718	Ir. Wong Su Ken	17560
719	Ir. Wong Swee On	03830
720	Ir. Wong Tien Soong	43668
721	Ir. Wong Tuck Yoon	12228
722	Ir. Wong Wee Chee	34304
723	Ir. Wong Weng Yik	53096
724	Ir. Wong Woan Jiuon	22946
725	Ir. Wong Wun Chwen, Norman	56116
726	Ir. Wong Yat Kun	02271
727	Ir. Wong Yee Chen	14308
728	Ir. Wong Yu Kiong	89468
729	Ir. Wu Swee Weng	06661
730	Ir. Yang Kok Wei	48065
731	Ir. Yap Chee Hong	41245
732	Ir. Yap Eng Keat	20732
733	Ir. Yap Kiam Fui	07174
734	Ir. Yap Soon Onn	29197
735	Ir. Yap Wai Leng	14900
736	Ir. Yap Wee Ghian	28298
737	Ir. Yap Yi Shen	58825
738	Ir. Yap Yoon Loy	78878
739	Ir. Yau Chuan Sim	37914
740	Ir. Yee Keat Choy	61930
741	Ir. Yee Keat Leong	43162
742	Ir. Yee Kien Peng	27565
743	Ir. Yee Thien Seng	03177
744	Ir. Yee Wing Pang	10287
745	Ir. Yeo Joo Kun	03561
746	Ir. Yeo Lung Lung, Alvin	29199
747	Ir. Yeo Phoi Yew, Desmond	54551
748	Ir. Yew Hoo Sang	07775
749	Ir. Yii Huong Swee	22609
750	Ir. Yip Fook Keong	09887
751	Ir. Yong Hong Liang	21589
752	Ir. Yong Hong Loo	10268
753	Ir. Yong Hui Foong	38321
754	Ir. Zahrol bin Ahmat	25778
755	Ir. Zainal Abidin bin Othman	05317
756	Ir. Zainol Arifen bin Said	15123
757	Ir. Zamri bin Kanip	61214
758	Ir. Zufri bin Mustapha	10507
759	Ir. Zulkhairi bin Hasan	15097
760	Ir. Zulkifli bin A. Kahar	12738
SENIOR GRADUATE MEMBER		
761	Mr. Ahmad Helmi bin Ahmad Khalil	89660
762	Mr. Jeffrey Pereira bin Abdullah	115447
763	Mr. Muhammad Taqiyudin bin Mohd Noor	121127
764	Mr. Rohijas bin Md. Sharif	78905
GRADUATE MEMBER		
765	Mr. Abdul Hamid bin Abdullah	112331
766	Mr. Ahmad Khairul Za'im bin Ismail	105931
767	Mr. Ang Hian Peng	46863
768	Mr. Chew Poh Siang	109196
769	Mr. Chin Chee Jung	52745
770	Mr. Chooi Jia Hoong	48088
771	Dr. Hoh Wei Siang	115129
772	Mr. Justin Lee Kung Wen	121351
773	Mr. Kevin Christian Nair	51648
774	Mr. Kho Tuck Sing	99380
775	Mr. Lai Teck Yew	121325

No.	Name	Membership No.
776	Mr. Lau Kah Leong, Kelvin	115187
777	Mr. Lee See Peng	21908
778	Mr. Liew Jenn Huei	121090
779	Mr. Lim Chie Kuan	90100
780	Mr. Lim Eng Wei, Calvin	93640
781	Mr. Lim Yiren	68058
782	Mr. Mat Kasri bin Mat Kassim	119986
783	Mr. Mior bin Hadiman	115437
784	Mr. Mohamad Afizi bin Jamadin	104602
785	Mr. Mohamad L. Masludin Syah bin Syamsuri	108435
786	Mr. Mohd Norzikri bin Kamaruddin	57132
787	Mr. Muhamad Fadzil Amirullah bin Abd Rahim	121291
788	Mr. Muhamad Hafiz bin Mohamed Ali	72127
789	Mr. Muhamad Siddiq bin Naslah	59059
790	Mr. Muhammad Aizuddin bin Ismail	116867
791	Mr. Muhammad Ashiq Marecan bin Hamid Marecan	88345
792	Mr. Muhammad Khairul Amilin bin Ismail	26773
793	Mr. Muhammad Sanusi bin Nor Azman	90344
794	Mr. Ng Lik Hong	105922
795	Mr. Ng Zhan Yan	48882
796	Ms. Nurul Fatyhah binti Baharuddin	59282
797	Ms. Ong Ye Shian	97691
798	Mr. Ooi Wei Chien	108160
799	Mrs. Sakinah binti Ab Halim	117125
800	Mr. San Kin Hong	07025
801	Mr. Shah Ridzwan bin Sahrom	68371
802	Mr. Shahrizan bin Ahmad Shah	22883
803	Mr. Sivabalan a/l Raju	121414
804	Ts. Soh Yee Ling	74096
805	Mr. Tan Yong Jie, Kevin	97567
806	Mr. Wong Zhi Li	37279
807	Mr. Wong Zhi Yong	38313
808	Mr. Yap Seng Haw, Bryan	99021
809	Mr. Yong Shi Hao	91021
INCORPORATED MEMBER		
810	Sdr. Shafulrizal bin Zainol	26932
811	Mr. Teh Liang Hean	49304
ENGINEERING TECHNICIAN GRADUATE MEMBER		
812	Sdr. Mohamad Syafiq bin Senin	108393
ENGINEERING TECHNOLOGIST GRADUATE MEMBER		
813	Mr. Mohd Izuan Nizam bin Yahya	120963
ENGINEERING TECHNOLOGIST MEMBER		
814	Sdr. Rajeshparan a/l Rangaraj	49632
ASSOCIATE MEMBER		
815	Sdr. Azuar bin Norsham	121056
816	Sdr. Izzrul Fazlee bin Abd. Aziz	119807
817	Sdr. Lim Chin San	121153
STUDENT MEMBER		
818	Sdri. Alvina Ling Jia Hui	121502
819	Sdr. Darshan a/l Balasubramaniam	64697
820	Sdr. Lai Wei Hang	61235
821	Sdri. Lim Mei Qi	116896
822	Sdr. Ng Joe Ye	118512

**MINIT MESYUARAT AGUNG TAHUNAN YANG KE – 64
YANG DIADAKAN PADA 15 APRIL 2023
SECARA HIBRID PADA PUKUL 9.00AM**

SENARAI AHLI-AHLI YANG HADIR – SEPERTI DILAMPIRAN A

1.0 KATA-KATA ALUAN OLEH YANG DIPERTUA

- 1.1 Pengerusi, Ir. Prof. Dr. Norlida binti Buniyamin, telah memulakan Mesyuarat Agung Tahunan (MAT) yang ke-64 pada pukul 9.02 pagi dan menyambut kehadiran ahli-ahli yang hadir secara hibrid. Pengerusi memberitahu bahawa kehadiran ahli-ahli dari seluruh negara, tidak hanya dari Lembah Klang, adalah satu aspek yang memperkukuhkan lagi MAT ini.

Setiausaha Kehormat kemudiannya dijemput untuk memberikan taklimat ringkas mengenai peraturan-peraturan yang perlu diikuti untuk ahli-ahli yang menghadiri MAT secara dalam talian.

- (i) Ahli yang ingin bertanya soalan perlu mengklik ikon “raise hand” dan selepas itu kakitangan IT akan mengaktifkan mikrofon untuk mereka bercakap. Hanya ahli yang menggunakan komputer yang dilengkapi dengan mikrofon sahaja yang akan dapat bercakap.
- (ii) Ahli perlu memastikan bahawa mereka memberitahu nama dan nombor ahli mereka dengan jelas sebelum mengemukakan soalan. Jika ada permintaan untuk mendapatkan kelulusan, ahli-ahli yang menghadiri secara dalam talian boleh memilih setuju/tidak setuju dengan mengklik ikon “raise hand” sekali lagi.
- (iii) Sebagai alternatif, bagi ahli yang tidak mahu mengemukakan soalan secara lisan, mereka boleh menaip soalan ke dalam “chat box”. Soalan tersebut akan dipaparkan pada skrin untuk dilihat oleh ahli-ahli lain sebelum diberikan jawapan.
- (iv) Jika ada pengundian yang perlu dilakukan, e-vote akan muncul pada skrin mereka. Ahli boleh memasukkan undi mereka, dan IT akan mencatatnya dalam jumlah undi keseluruhan. Hanya Ahli Korporat yang layak untuk mengundi.
- (v) Untuk berkomunikasi dengan Sekretariat IEM mengenai sebarang isu semasa MAT, ahli boleh menghantar mesej peribadi melalui “chat box” kepada Sekretariat.

Setiausaha Kehormat mengucapkan terima kasih atas perhatian ahli dan selepas itu menyerahkan semula mesyuarat kepada Yang DiPertua. Yang DiPertua seterusnya membentangkan laporan keseluruhan dari bulan April 2022 hingga bulan April 2023. Butirannya adalah seperti berikut:

1.2 Kemas kini mengenai IEM untuk Sesi 2022/2023

1.2.1 Mesyuarat – Nasional dan Antarabangsa

Yang DiPertua telah menghadiri mesyuarat-mesyuarat berikut yang diadakan di peringkat nasional dan antarabangsa:

- (i) *Panelis untuk Forum National Science, Technology, Engineering and Mathematics (STEM)* pada 19 Mei 2022
- (ii) *Sesi Strategik Construction & Built Environment Productivity Nexus (COBEPN) Governing Committee COBEPN) 01/2022* pada 24 Mei 2022
- (iii) *Asia Pacific Confederation of Chemical Engineering (APPChE)* dari 10 – 12 Ogos 2022
- (iv) *Pertemuan Pertengahan Tahun AFEO yang dianjurkan oleh IEM Cawangan Selatan* dari 24 -27 Ogos 2022
- (v) *Building Industry Presidents’ Council ke-54 (BIPC)* yang diadakan pada 29 September 2022
- (vi) *Meja Bulat China-ASEAN mengenai Pengiktirafan Bersama Kejuruteraan secara dalam talian* pada 2 Disember 2022
- (vii) *Mesyuarat IEA APEC & IPEA dan IETA & AIET – secara dalam talian* dari 30 Jun 2022
- (viii) *Mesyuarat Agung FEIAP, Cebu Filipina* dari 27 – 29 Julai 2022
- (ix) *FAEO/FEIAP* dari 16 – 18 Ogos 2022
- (x) *Mesyuarat IEA, Killarney, Ireland* pada 4 – 7 Oktober 2022
- (xi) *E20 yang dianjurkan oleh Persatuan Insinyur Ingenieur (PII) Bali, Indonesia* pada 3 – 4 November 2022
- (xii) *IEEE di Manila, Filipina* dari 9 – 12 November 2022
- (xiii) *CAFEO40, Phnom Penh, Kemboja* dari 4 – 8 Disember 2022
- (xiv) *Energy Conservation Building, Japan* dari 8 – 10 Disember 2022

1.2.2 **Kunjungan Hormat**

Mesyuarat Agung Tahunan juga telah dimaklumkan bahawa Yang DiPertua telah melakukan kunjungan hormat ke:

- (i) Pejabat Menteri Besar Johor dan IEM Cawangan Selatan pada 9 Mei 2022
- (ii) Pejabat Menteri Kerja Raya pada 2 Jun 2022
- (iii) Pejabat Ketua Menteri Pulau Pinang bersama delegasi dari KPEA (*Korea Professional Engineers Association*) pada 24 August 2022
- (iv) Pejabat Timbalan Perdana Menteri YAB Dato' Seri Hj. Fadillah Yusof untuk menyampaikan AFEO Distinguished Honorary Fellow Award pada 15 Februari 2023

Selain daripada yang di atas, Yang DiPertua juga telah menerima kunjungan dari Presiden, The Chartered Institute of Building (CIOB) Malaysia pada 6 Mac 2023 di Ibu Pejabat IEM.

1.2.3 **Aktiviti-aktiviti Khas**

Yang DiPertua turut melaporkan bahawa beliau telah menghadiri pelbagai aktiviti-aktiviti khas termasuk majlis makan malam tahunan bersama institusi dan badan profesional lain, serta perjumpaan di Cawangan IEM seperti berikut:

- (i) Hari Terbuka IEM ESUM YES pada 18 Mac 2023
- (ii) BIM Networking Luncheon pada 18 Mei 2022
- (iii) Majlis Makan Malam Ulang Tahun ke-61 RISM pada hari Sabtu, 25 Jun 2022
- (iv) Majlis Makan Malam Cawangan Negeri Sembilan pada 6 Ogos 2022
- (v) Majlis Makan Malam Cawangan Selatan pada 27 Ogos 2022
- (vi) Majlis Makan Malam Cawangan Miri pada 26 November 2022

Selain itu, Yang DiPertua juga menghadiri program "*Sincerely SETIA Volunteer Weekend*" yang dianjurkan oleh Sepakat Setia Perunding Sdn Bhd sebagai sebahagian daripada program CSR mereka dengan Kaum Orang Asli yang diadakan pada 18 dan 19 Mac 2023 di Kampung Orang Asli Bukit Tampoi, Kampung Orang Asli Kolam Air Bangkung dan SK Bukit Tampoi (A).

2.0 **AGENDA UNTUK MESYUARAT AGUNG TAHUNAN (MAT)**

Selepas menyelesaikan laporan beliau, Yang DiPertua seterusnya membentangkan Agenda Mesyuarat Agung Tahunan seperti berikut:

1. *Ucapan Aluan oleh Yang DiPertua dan Kemas kini Laporan*
2. *Pengesahan Minit Mesyuarat Agung Tahunan ke-63 yang diadakan pada 16 April 2022*
3. *Perkara-perkara berbangkit*
4. *Pembentangan Laporan Tahunan dan Penyata Kewangan untuk sesi 2022/2023*
5. *Pindaan yang Dicadangkan kepada Perlembagaan IEM*
6. *Perbincangan mengenai isu-isu bertulis yang diterima dari ahli*
7. *Penyampaian Keputusan Pilihan Raya Majlis Sesi 2023/2024*
8. *Penyampaian Cenderamata dan Hadiah*
9. *Ucapan Yang DiPertua untuk Sesi 2023/2024*

Memandangkan tiada bantahan terhadap agenda tersebut, Yang DiPertua meneruskan dengan agenda Mesyuarat Agung Tahunan ke-64.

3.0 **PENGESAHAN MINIT MESYUARAT AGUNG TAHUNAN KE-63 YANG DIADAKAN PADA 16 APRIL 2022**

Yang DiPertua menjemput ahli-ahli untuk meneliti minit Mesyuarat Agung Tahunan yang lepas dari mukasurat 59 hingga mukasurat 73. Para ahli juga diminta meneliti senarai kehadiran dari mukasurat 74 hingga 81 dan versi Bahasa Malaysia dari mukasurat 82 hingga 97.

Yang DiPertua seterusnya memaklumkan bahawa sekiranya terdapat ahli yang ingin memberi komen, mereka perlu mengklik ikon "RAISE HAND" bagi ahli yang menghadiri secara dalam talian.

Memandangkan tiada kesilapan yang diketengahkan dari minit tersebut, Ir. Wong Chee Fui (F20903) mencadangkan minit Mesyuarat Agung Tahunan ke-62 yang diadakan pada 16 April 2022 disahkan. Usul itu telah disokong oleh Ir. Fam Yew Hin (F20926) dan seterusnya diterima sebulat suara oleh MAT.

4.0 PERKARA-PERKARA BERBANGKIT

Yang DiPertua kemudiannya memberikan penjelasan mengenai perkara-perkara berbangkit bagi Mesyuarat Agung Tahunan ke-63 yang diadakan pada 16 April 2022:

4.1 Mukasurat 66 Perkara 8.1 – Isu No. 1

4.1.1 **Bahawa Yang DiPertua IEM tidak sepatutnya termasuk dalam senarai wakil yang dicalonkan dari IEM bagi lima jawatan dalam Lembaga Jurutera Malaysia (BEM); alasan adalah sekiranya terdapat isu / keputusan yang dibuat di BEM yang memudaratkan IEM, maka Yang DiPertua IEM mempunyai fleksibiliti untuk melaksanakan perbincangan lanjutan dengan BEM samada pada peringkat pegawai tertinggi IEM, atau pada peringkat organisasi.**

Berhubung dengan isu ini, MAT dimaklumkan bahawa Jawatankuasa Eksekutif telah memutuskan bahawa Yang DiPertua patut diberi kelonggaran untuk memutuskan samada beliau ingin dicalonkan sebagai wakil IEM.

4.1.2 Mukasurat 67 Perkara 8.2 - Isu No. 2

Isu berkaitan dengan “Outcome Based PAE”

MAT dimaklumkan bahawa perkara ini masih dalam proses perbincangan dan IEM masih berusaha untuk megemukakan kebimbangan IEM yang telah dibangkitkan oleh ahli-ahli.

5.0 LAPORAN TAHUNAN SESI 2022/2023

Yang DiPertua kemudiannya menjemput Setiausaha Kehormat, Ir. Prof. Dr. Zuhaina binti Zakaria untuk membentangkan pelbagai aktiviti dan acara yang dianjurkan pada tahun 2022 yang dicetak pada mukasurat 98 hingga 157 dalam Laporan Tahunan. Setiausaha Kehormat kemudian melaporkan perkara-perkara yang diketengahkan dalam Laporan Tahunan seperti berikut:

5.1 **Majlis dan Jawatankuasa Eksekutif**

Bagi Sesi 2022/2023, Majlis telah mengadakan empat (4) mesyuarat Majlis bagi membincangkan perkara-perkara berkaitan dengan dasar yang dilaksanakan oleh Excomm.

Manakala Jawatankuasa Eksekutif pula telah mengadakan tiga belas (13) mesyuarat bagi Sesi 2022/2023 terutamanya tertumpu kepada pelaksanaan keputusan Majlis. MAT turut dimaklumkan bahawa beberapa mesyuarat telah diadakan dalam format hibrid.

5.2 **Jawatankuasa Tetap dan Operasi Harian**

MAT juga mengambil maklum bahawa Jawatankuasa Eksekutif masih dibantu oleh lapan (8) Jawatankuasa Tetap dalam operasi harian. Setiap Jawatankuasa Tetap dipengerusikan oleh seorang Naib Yang DiPertua manakala Jawatankuasa Kewangan dipengerusikan oleh Timbalan Yang DiPertua.

5.3 **Keahlian**

Sehingga 31 Disember 2022, seramai 4,066 calon telah diluluskan untuk kemasukan/pemilihan/perpindahan ke pelbagai gred. Daripada ahli baharu yang diterima, 2,997 adalah siswa. Pada akhir tahun, 2,840 ahli telah tertunggak keahlian mereka berbanding 3,036 pada tahun 2021. Jumlah keseluruhan keahlian IEM pada 1 Mac 2023 ialah 48,314.

Di peringkat antarabangsa, pecahan adalah seperti berikut: 42 calon telah didaftarkan untuk APEC & IntPE, 16 untuk ASEAN Engineers (AE), 12 untuk Associate ASEAN Engineers (AAE) dan dua orang (2) untuk Associate Engineering Technologist

Dari segi pecahan keahlian mengikut gred, Setiausaha Kehormat seterusnya memaklumkan bahawa keahlian Siswa mempunyai peratusan tertinggi iaitu 54% diikuti oleh Ahli (24%), Siswazah (18%), Felo (2%) dan gred lain seperti Incorporated, Affiliate and Associate adalah 2%.

5.4 **Temuduga Profesional**

MAT seterusnya dimaklumkan bahawa bagi sesi 2022/2023, seramai 346 calon telah memohon untuk menduduki Temuduga Profesional. Dimaklumkan lagi bahawa 209 calon telah lulus manakala 51 gagal dalam Temuduga Profesional.

5.5 **Penerbitan IEM**

Setiausaha Kehormat memaklumkan MAT bahawa dua belas (12) terbitan “Jurutera” – Buletin IEM telah diterbitkan pada tahun 2022.

Buletin Elektronik, telah dihantar melalui e-mel kepada para ahli pada setiap bulan. MAT juga dimaklumkan bahawa ahli yang ingin memiliki salinan bercetak majalah tersebut boleh mendapatkannya dari pejabat IEM. Jurnal juga telah dimuatnaik di laman web IEM.

5.6 **Aktiviti-aktiviti IEM pada tahun 2022**

MAT turut dimaklumkan bahawa untuk tahun 2022, sejumlah 314 acara (*dalam bentuk fizikal/maya dan hibrid*) telah dianjurkan oleh Bahagian-bahagian Teknikal (TDs), Kumpulan Kepentingan Khas (SIGs) dan Seksyen. Acara-acara ini termasuk ceramah maya (182), ceramah fizikal (31), kursus dan seminar (77), persidangan dan simposium (10) serta pertandingan (14).

5.7 **Manfaat Ahli**

Setiausaha Kehormat juga memaklumkan bahawa tawaran daripada sejumlah 22 peniaga tambahan dengan diskaun korporat telah ditandatangani untuk memberikan lebih banyak manfaat kepada ahli-ahli.

5.8 **Garis Panduan IEM untuk Industri**

MAT dimaklumkan bahawa IEM telah memperkenalkan garis panduan yang ketiga - “*IEM Guideline on The Prevention and Control of Dengue*”. Dua panduan sebelumnya adalah “*Testing and Commissioning of Fire Protection System*” and “*Flood Abatement Equipment – Engineering Guide of Designation, Testing and Documentation*”. Ketiga-tiga garis panduan ini boleh ditempah atas talian.

5.9 **IETA dan AIET – Teknologis Kejuruteraan dan Juruteknik Kejuruteraan**

MAT telah diberitahu bahawa IEM telah diterima sebagai Ahli Sementara pada bulan Jun 2022. Kini, IEM sedang membuat persiapan untuk permohonan menjadi Ahli Penuh bagi kedua-dua Perjanjian tersebut pada Jun 2024.

5.10 **Memorandum of Understanding (MoU)**

MAT telah dimaklumkan lagi bahawa IEM telah menandatangani Memorandum Persefahaman (MoU) dengan institusi-institusi berikut:

- Institusi Kejuruteraan Mekanikal pada 24 Ogos 2022
- Southern University College pada 25 Ogos 2022
- Korean Professional Engineers Association pada 27 Ogos 2022
- Xiamen University pada 6 September 2022
- Malaysia Joint Branch Royal Institution of Naval Architects and Institute of Marine Engineering, Science and Technology (MJB-RINA IMarEST) (*Sebelum ini dikenali sebagai MoU (MoU with Institute of Marine, Science and Technology (IMarEST) pada 26 September 2022*)

5.11 **Perkhidmatan Urusetia IEM**

Setiausaha Kehormat juga memaklumkan bahawa sekiranya mana-mana ahli ingin berhubung dengan kakitangan tertentu, mereka boleh menghantar emel atau membuat panggilan untuk membuat temujanji untuk bertemu dengan mereka.

5.11.1 **Urusetia IEM - Kenaikan Pangkat 2022**

Mesyuarat Agung telah dimaklumkan bahawa urusetia berikut telah dinaikkan pangkat ke jawatan masing-masing:

- | | | |
|----|-----------------------------|---------------------------------|
| 1. | Cik Noor Afzan Che Abd Aziz | Eksekutif Kanan |
| 2. | En. Adam Sofri Muhd Shahrum | Eksekutif Kanan |
| 3. | Cik Farezah Junaidi | Eksekutif Kanan |
| 4. | Cik Norshafiqah Sha'ari | Eksekutif Kanan |
| 5. | Valli Saminathan | Pengurus (Pejabat Antarabangsa) |
| 6. | Ms Sarita Kaur Garib Singh | Timbalan Ketua Pegawai Operasi |

5.11.2 **Urusetia IEM - Telah Menamatkan 10 Tahun Perkhidmatan**

Setiausaha Kehormat juga telah memaklumkan kepada MAT bahawa Urusetia berikut akan menerima anugerah untuk perkhidmatan mereka selama 10 tahun dengan IEM:

1. Puan Mirdeeliani Amir
2. Cik Farezah Junaidi
3. Cik Norshafiqah Sha'ari

5.12 **Sesi Soal Jawab**

5.12.1 Ir. Chen Harn Shean (F23894) bertanya mengenai status “BEM Outcome-based Professional Assessment Examination (PAE)” kerana beliau telah dimaklumkan bahawa BEM telah melaksanakannya. Ir. Mohd. Aman bin Hj. Idris (F02176) mengesahkan bahawa BEM telah melaksanakan “Outcome-based PAE” pada 1 Januari 2023. Beliau juga memaklumkan bahawa BEM masih menerima permohonan PAE konvensional dan tarikh akhir penyerahan permohonan untuk PAE konvensional adalah pada akhir tahun 2023.

5.12.2 Ir. Tu Yong Eng (M15448) merujuk kepada isu No. 2 dalam item 8.1 dari minit mesyuarat MAT terakhir yang diadakan pada 16 April 2022, dimana beliau memberitahu bahawa dengan pengesahan dari Ir. Mohd. Aman bin Hj. Idris bahawa BEM telah melaksanakan “Outcome Based PAE”, ini menunjukkan bahawa IEM gagal melaksanakan resolusi yang diluluskan pada MAT terakhir. Beliau kemudian meminta penjelasan lanjut mengenai perkara ini.

Yang DiPertua menjelaskan bahawa BEM adalah badan pengawal selia dan perbezaan utama antara “Outcome Based PI” dan “Outcome Based PAE” adalah Laporan Teknikal. Yang DiPertua juga menjelaskan bahawa dalam “Outcome Based PAE”, Laporan Teknikal sebenarnya disertakan dalam borang permohonan. Ir. Fam Yew Hin (F20926) turut menjelaskan bahawa isu ini telah dibincangkan berulang kali dalam mesyuarat Lembaga BEM dan wakil-wakil IEM telah beberapa kali menyuarakan kebimbangan mengenai pelaksanaan “Outcome Based PAE” serta keperluan untuk menyertakan Laporan Teknikal dan penulisan esei teknikal. Walau bagaimanapun, MAT telah dimaklumkan bahawa BEM akan tetap meneruskan dengan pelaksanaan tersebut.

Ir. Tu Yong Eng (M15448) mengulangi bahawa IEM sepatutnya mengambil serius mengenai resolusi isu ini pada MAT yang lalu. Beliau juga menyatakan bahawa seseorang tidak sepatutnya mengungkapkan pendapat peribadi, tetapi sepatutnya mengambil pendirian rasmi IEM mengenai “Outcome-based PAE”, kerana ia mempengaruhi industri dan juga di arena antarabangsa. Beliau mengutarakan kebimbangannya bahawa IEM tidak sepatutnya menganggap ringan isu ini, dan beliau telah mendengar desas-desus bahawa wakil IEM ke BEM tidak menjalankan tugas mereka dengan sewajarnya. Justeru itu, beliau sekali lagi menekankan pandangannya bahawa ahli-ahli yang menghadiri MAT perlu membaca dengan teliti apa yang dinyatakan dalam minit MAT terdahulu mengenai resolusi isu Outcome-based PAE

5.12.3 Ir. Wong Chee Fui (F20903) telah menyatakan bahawa disebabkan BEM telah melaksanakan “Outcome-based PAE”, IEM perlu mempertimbangkan langkah seterusnya kerana beliau menganggap terdapat perbezaan di antara kedua-dua peperiksaan itu dari segi standard. Ir. Wong Chee Fui (F20903) turut menekankan bahawa terdapat dua (2) bidang yang perlu dipertimbangkan oleh IEM; pertama, untuk mengharmonikan kedua-dua peperiksaan dan kedua, untuk meneliti komen yang dibuat oleh wakil IEM kepada BEM mengenai isu ini. Beliau mencadangkan agar Majlis dan Jawatankuasa Eksekutif membuat keputusan mengenai langkah seterusnya dengan memahami bahawa “Outcome-based PAE” telah dilaksanakan.

5.12.4 Ir. Fam Yew Hin (F20926) mengucapkan terima kasih kepada Ir. Tu Yong Eng (M15448) atas pandangan dan komen yang diberikannya. Walau bagaimanapun, beliau berpendapat kenyataan yang dibuat oleh Ir. Tu Yong Eng mengenai wakil IEM kepada BEM yang tidak menjalankan tugas mereka adalah tidak tepat. Beliau menjelaskan bahawa BEM merupakan badan pengawalselia dan hanya terdapat lima (5) wakil dari IEM yang berkhidmat dalam Lembaga BEM, manakala selebihnya adalah ahli-ahli lain daripada badan-badan yang lain. Justeru itu, walaupun wakil-wakil dari IEM menyuarakan pandangan atau bantahan mereka dalam mesyuarat Lembaga BEM, keputusan yang dibuat akan bergantung kepada pendapat majoriti.

Ir. Tu Yong Eng (M15448) menegaskan bahawa adalah penting untuk merujuk kepada minit mesyuarat Lembaga berkenaan pandangan/bantahan wakil IEM. Beliau mengulangi keputusan yang telah dibuat dalam minit mesyuarat MAT yang lalu dan meminta agar minit mesyuarat Lembaga ditunjukkan.

Yang DiPertua kemudian meneruskan permintaan untuk lebih banyak komen dari hadirin. Setiausaha Kehormat kemudian membacakan komen dalam talian dari seorang ahli yang menyatakan bahawa “Outcome-based PI” tidak begitu menarik bagi jurutera muda berbanding “Outcome-based PAE” dan samada IEM akan mengkaji untuk meminda prosedur PI agar selaras dengan PAE yang ditetapkan oleh Lembaga.

Yang DiPertua kemudian memberi jawapan terhadap kenyataan Ir. Tu Yong Eng tentang wakil IEM yang tidak menjalankan tugas mereka. Beliau menafikan kenyataan tersebut yang beliau rasa tidak benar. Yang DiPertua menjelaskan dengan lebih lanjut bahawa isu mengenai “Outcome-based PAE” bermula semasa pentadbiran Ir. David Lai Kong Phooi sebagai Yang DiPertua.

Di masa perkara ini dibangkitkan pada kali pertamanya di mesyuarat Lembaga BEM, satu undian telah dijalankan berkenaan keperluan Laporan Teknikal dan majoriti undian mendokong bahawa keperluan patut dipertahankan, dan keputusan ini telah direkodkan dalam minit mesyuarat tersebut. Namun, diperhatikan bahawa Kumpulan Kerja BEM tidak mematuhi keputusan Lembaga. Walau bagaimanapun, Yang DiPertua menegaskan semula bahawa BEM merupakan badan pengawal selia manakala IEM adalah sebuah persatuan ilmu dan beliau yakin bahawa wakil IEM telah menjalankan tanggungjawab mereka, dan tidak wajar untuk membuat andaian bahawa mereka tidak menjalankan tugas mereka. Oleh itu, beliau membuat kesimpulan bahawa pemimpin IEM sentiasa mengutamakan kepentingan terbaik untuk ahli IEM dan komuniti kejuruteraan.

Yang DiPertua kemudian meneruskan untuk menjawab komen dari ahli dalam talian mengenai Jawatankuasa Tetap Peperiksaan dan Kelayakan (E&Q) yang sedang mengkaji penyelarasan kedua-dua peperiksaan. Ini juga merupakan sebahagian daripada peranan IEM sebagai pihak dalam dua perjanjian APEC dan IPEA. Selain itu, sesuatu peperiksaan sepatutnya menjadi matlamat untuk menggerakkan jurutera tidak hanya di peringkat tempatan tetapi juga di peringkat antarabangsa.

5.12.5 Ir. Yim Hon Wa (F08247) menyuarakan kebimbangan mengenai kadar keahlian pada halaman 104 Laporan Tahunan. Beliau mengulas bahawa kadar keahlian masih rendah untuk tempoh lima tahun kebelakangan ini dan merasa ini agak mengganggu. Beliau bertanya tentang tindakan yang telah diambil oleh IEM selama lima tahun yang lalu mengenai kadar keahlian kerana jumlah keahlian pada tahun 2019 hampir sama dengan tahun 2023.

Yang DiPertua bersetuju bahawa kadar keahlian adalah agak merisaukan. Beliau lebih lanjut menjelaskan bahawa penurunan keahlian dari tahun 2020 hingga 2022 sebahagiannya disebabkan oleh pandemik COVID-19. Walau bagaimanapun, dengan pengenalan dua gred keahlian baru; Teknologis Kejuruteraan and Juruteknik Kejuruteraan; beliau berharap keahlian IEM akan meningkat lebih lagi terutamanya dengan niat IEM untuk menandatangani dua perjanjian antarabangsa bagi Teknologis Kejuruteraan and Juruteknik Kejuruteraan. Beliau juga menekankan tentang aktiviti IEM kerana keahlian tidak akan bertambah jika aktiviti yang dianjurkan kurang. Beliau juga memaklumkan bahawa keadaan ekonomi yang mencabar turut menjadi salah satu faktor penurunan keahlian. Namun, Yang DiPertua memaklumkan kepada MAT bahawa IEM akan terus mengadakan lebih banyak aktiviti dan akan meningkatkan lagi usaha untuk mendapatkan lebih ramai ahli.

5.12.6 Ir. David Lai Kong Phooi (HF09917) memaklumkan bahawa terdapat kesilapan pada mukasurat 99 dalam Laporan Tahunan di mana beliau dinyatakan sebagai Yang DiPertua.

Selain daripada itu, Ir. David Lai Kong Phooi (HF09917) mengulangi isu mengenai PAE di mana keperluan esei teknikal telah disingkirkan. Beliau mencadangkan supaya IEM membuat pertimbangan samada PI harus diselaras dengan PAE atau menyemak semula PI kerana terdapat keperluan untuk membuat keputusan secepat mungkin. Beliau seterusnya memaklumkan bahawa terdapat beberapa ahli siswazah yang telah menghubunginya dan memaklumkan bahawa mereka lebih suka menduduki PAE daripada PI kerana mereka anggap PI itu lebih sukar berbanding dengan PAE. Sehubungan itu, beliau khuatir bahawa keahlian IEM mungkin akan semakin merosot.

Oleh itu, beliau mencadangkan kepada Yang Dipertua sepertimana yang telah beliau bangkitkan pada tiga mesyuarat Majlis yang lalu bahawa terdapat keperluan untuk mengkaji semula PI. Beliau merasakan IEM perlu pandang ke hadapan tanpa berlengah-lengah dan berharap isu ini tidak berulang.

5.12.7 Ir. Mohd. Aman bin Hj. Idris (F02176) mengemukakan dua isu; pertama, untuk meninjau semula IEM “Outcome-based PI” kerana keahlian APEC/IPEA akan tamat pada tahun 2026, dan kedua, berkaitan dengan keahlian. Beliau memberikan pandangan bahawa keahlian IEM tidak hanya bergantung kepada PI kerana mereka yang lulus PAE juga berpeluang untuk menyertai IEM.

- 5.12.8 Ir. Dr. Tan Yean Chin (HF11712) memaklumkan MAT bahawa IEM telah cuba meyakinkan Lembaga BEM untuk mengekalkan esei bertulis sebagai sebahagian daripada PAE. Namun, ia tidak berjaya. Oleh itu, beliau merasakan bahawa IEM harus melihat perkara ini secara makro dan bergerak ke hadapan. Beliau juga tidak bersetuju dengan pendapat Ir. Mohd. Aman Hj. Idris (F02176) bahawa calon yang lulus PAE berasaskan Outcome juga boleh menyertai IEM. Beliau mencadangkan untuk menyemak statistik tentang kebarangkalian graduan menduduki PI adalah jauh lebih tinggi berbanding calon yang lulus PAE dan kemudiannya menyertai IEM.
- Dalam konteks yang sama, Ir. Dr. Tan Yean Chin (HF11712) menyuarakan pandangannya bahawa PI dan keahlian mempunyai korelasi yang langsung. Dengan itu, beliau mencadangkan agar MAT mempertimbangkan resolusi untuk menyelaraskan “Outcome-based PI” dengan “Outcome-based PAE”. Walaupun beliau bersetuju bahawa standard mungkin akan menurun, tetapi kejayaan Peperiksaan Kompetensi Profesional (PCE) akan menjadi penting kerana para jurutera perlu mempelajari bidang lain untuk layak menjadi “Professional Engineer with Practicing Certificate (PEPC)”. Ini akan meningkatkan standard PEPC kerana mereka akan dinilai berdasarkan kompetensi mereka. Sebagai kesimpulan, Ir. Dr. Tan Yean Chin (HF11712) mencadangkan agar MAT memberikan kuasa kepada Majlis untuk mengkaji penyelarasan kedua-dua peperiksaan tersebut.
- 5.12.9 Yang DiPertua kemudian memberi jawapan kepada komen Ir. David Lai Kong Phooi dan menjelaskan bahawa pada masa itu adalah IEM telah mengalami kesukaran untuk menyelaras Lembaga berkenaan “Outcome-based PAE”. Namun, dengan pelaksanaannya kini, terdapat peluang yang lebih baik untuk melakukannya dan beliau bersetuju dengan cadangan Ir. Dr. Tan Yean Chin untuk memberi kuasa kepada Majlis untuk mengkaji penyelarasan “Outcome-based PI” dengan PAE.
- Ir. David Lai Kong Phooi (HF09917) merasa keliru dengan penjelasan Yang DiPertua yang sebelum ini mengenai pelaksanaan “Outcome-based PAE” yang dikatakan sebagai tidak rasmi. Beliau menegaskan bahawa pada mesyuarat Majlis terakhir, Ir. Fam Yew Hin telah memaklumkan bahawa BEM telah mengumumkan di laman web mereka mengenai pelaksanaan “Outcome-based PAE” pada 1 Januari 2023 yang dianggap sebagai rasmi. Beliau berharap isu ini tidak akan berlarutan lagi.
- Yang DiPertua menjelaskan bahawa sebelum ini Lembaga tidak bersetuju dengan cadangan IEM. Hanya baru-baru ini, selepas banyak usaha dan rayuan, Lembaga bersetuju untuk berbincang dengan IEM.
- 5.12.10 Ir. Ellias Saidin (F10100) berpendapat bahawa IEM harus menghentikan “Outcome-based PI” dan memberi tumpuan dalam menganjurkan aktiviti untuk ahli dan selaras dengan persatuan lain di mana ahli mereka tidak perlu menjalani sebarang peperiksaan. Yang DiPertua menjawab bahawa IEM mempunyai pelbagai grad keahlian lain tanpa sebarang peperiksaan dan tidak sesuai untuk menghentikan PI.
- 5.12.11 Menyusuli komen Ir. Ellias bin Saidin, Ir. Chen Harn Shean (F23894) kemudian menjelaskan perbezaan antara “Outcome-based PI” dan “Outcome-based PAE”. Beliau juga memaklumkan bahawa untuk “Outcome-based PAE” tidak akan ada penyerahan Laporan Teknikal, tiada keperluan minimum pengalaman dan tiada esei teknikal.
- Beliau menyebut bahawa penyaluran perlu dilakukan pada ketiga-tiga bahagian ini. Yang DiPertua kemudian mengucapkan terima kasih kepada Ir. Chen Harn Shean atas penjelasannya.
- 5.12.12 YBhg. Akademik Tan Sri Dato’ Ir. Prof. Em. Dr. Chuah Hean Teik (DHF09157) menyampaikan cadangannya yang pertama, iaitu IEM perlu memahami cara kerja Lembaga BEM kerana beliau telah berkhidmat dalam Lembaga BEM selama lima tahun. Kedua, beliau menekankan bahawa setiap ahli yang berkhidmat dalam Jawatankuasa atau Kumpulan Kerja perlu mengkaji isu tersebut secara terperinci agar dapat menyampaikan idea dengan cara yang meyakinkan. Sebagai contoh, walaupun tidak ada keperluan untuk mengemukakan Laporan Teknikal, seseorang perlu melakukan kajian menyeluruh dan mengetahui samada laporan teknikal sebenarnya dimasukkan ke dalam borang permohonan. Ketiga, berkenaan dengan tempoh pengalaman minimum yang tidak diperlukan, YBhg. Akademik Tan Sri Dato’ Ir. Prof. Em. Dr. Chuah Hean Teik (DHF09157) mencadangkan walaupun “Outcome-based PAE” tidak memerlukan pengalaman tapak, implimentasi rekabentuk juga boleh menjadi sebahagian daripada pengalaman tapak.
- Berdasarkan perkara ini, YBhg. Akademik Tan Sri Dato’ Ir. Prof. Em. Dr. Chuah Hean Teik (DHF09157) mencadangkan agar Majlis dan “E&Q” membentuk sebuah Kumpulan Kerja untuk mengkaji dan melakukan kajian menyeluruh terhadap keperluan APEC/IPEA dan IEM serta “Outcome-based PAE” dengan tujuan menyusun pendirian IEM untuk disampaikan kepada Kumpulan Kerja BEM atau Jawatankuasa E&Q BEM. Yang DiPertua kemudian mengucapkan terima kasih kepada YBhg. Akademik Tan Sri Dato’ Ir. Prof. Em. Dr. Chuah Hean Teik (DHF09157) atas cadangannya.

5.12.13 Ir. Ts. Prof. Dr. Tan Chee Fai (F18343) memaklumkan bahawa kedudukannya sebagai Naib Presiden tidak dinyatakan di halaman 99 Laporan Tahunan. Presiden meminta urusetia untuk membuat pembetulan.

Memandangkan tiada lagi komen atau soalan melalui talian dan dari ahli Majlis di auditorium, Ir. Dr. Tan Yean Chin (HF11712) mencadangkan agar Laporan Tahunan diterima. Usul tersebut kemudian disokong oleh Ir. Sundraraj Krishnasamy (F07933).

6.0 AKAUN BAGI TAHUN BERAKHIR 31 DISEMBER 2022

Yang DiPertua kemudian menjemput Bendahari Kehormat, Ir. Dr. Lee Yun Fook untuk membentangkan penyata kewangan untuk Institusi Jurutera Malaysia bagi tempoh 1 Januari 2022 hingga 31 Disember 2022. Ir. Dr. Lee Yun Fook memaklumkan kepada MAT bahawa akaun yang dibentangkan adalah dari mukasurat 171 hingga 203.

6.1 Bendahari Kehormat memaklumkan kepada MAT bahawa penyata kewangan yang dibentangkan terdiri daripada tiga (3) set akaun iaitu IEM, IEM Training Academy Sdn Bhd (IEMTA) dan IEM Academy Sdn Bhd (IEMASB). Beliau juga menyatakan bahawa Akaun IEM, IEMTA, IEMASB telah dikonsolidasikan oleh juruaudit manakala Penyata Kewangan Cawangan telahpun digabungkan.

6.2 MAT juga dimaklumkan bahawa ruangan yang ditandai dengan “Kumpulan” merujuk kepada akaun konsolidasi bagi Ibu Pejabat IEM, IEM Training Academy Sdn Bhd, dan IEM Academy Sdn Bhd.

Terdapat beberapa ruangan di mana terdapat angka di bawah “Institusi” tetapi kosong di bawah “Kumpulan” kerana angka-angka tersebut adalah pembayaran/penerimaan antara IEM, IEM TA dan IEM ASB yang telah dihapuskan semasa penyatuan akaun. Fokus utama kepada MAT adalah akaun IEM iaitu merujuk kepada ruangan “Institusi”.

6.3 Bendahari Kehormat melaporkan bahawa jumlah pendapatan untuk tahun 2022 adalah RM5,043,266, penurunan sedikit iaitu 0.08% berbanding dengan tahun 2021 yang mana jumlahnya adalah RM5,039,134.

6.4 Bendahari Kehormat juga melaporkan bahawa terdapat kenaikan sebanyak 0.3% pada jumlah yuran tahunan yang dikutip iaitu 86.7% pada tahun 2022 berbanding dengan 86.4% pada tahun 2021

6.5 Berdasarkan perbandingan pendapatan, Bendahari Kehormat juga melaporkan bahawa terdapat penurunan sebanyak 3% pada Lebihan dari Perkhidmatan Institusi. Walau bagaimanapun, terdapat peningkatan sebanyak 52.4% pada pendapatan faedah dan juga peningkatan sebanyak 164.6% pada Pendapatan Pelbagai Lain yang terutamanya datang dari ENGINEER2022 dan Konvensyen IEM.

6.6 Bendahari Kehormat melaporkan lebih lanjut kepada MAT bahawa jumlah perbelanjaan untuk tahun 2022 adalah RM4,647,800, penurunan sebanyak 0.07% berbanding dengan tahun 2021 yang mana adalah RM4,680,990. Penyumbang utama kepada perbelanjaan adalah emolumen kakitangan (54.4%), penyelenggaraan bangunan (18.9%), perbelanjaan pentadbiran (10.5%), subsidi Cawangan (9.2%), yuran keahlian yang dihapuskan (4.7%), susutnilai peralatan (1.9%) dan pelbagai (0.5%).

MAT dimaklumkan bahawa Emolumen Peribadi meningkat sebanyak 13.1% berbanding dengan tahun 2021 kerana gaji kakitangan telah meningkat sebanyak 3%. Dilaporkan juga bahawa peningkatan besar ini adalah terutamanya disebabkan oleh geran kerajaan sebanyak RM72,000 yang diterima dari PERKESO pada tahun 2021. Perbelanjaan Pelbagai meningkat sebanyak 8.8% disebabkan yuran tahunan yang dibayar kepada institusi lain. Susutnilai meningkat sebanyak 97.2% sebahagiannya disebabkan oleh susutnilai untuk peralatan pejabat lain yang berlebihan pada tahun sebelumnya dan penyesuaian telah dibuat pada tahun 2021.

6.7 Bendahari Kehormat meneruskan laporan mengenai perbelanjaan pentadbiran keseluruhan. Diperhatikan bahawa untuk tahun 2022, perbelanjaan adalah sebanyak RM491,701, merekodkan penurunan berbanding dengan jumlah sebanyak RM561,219 pada tahun 2021.

Prestasi keseluruhan adalah lebih baik pada tahun 2022 berbanding dengan tahun 2021 di mana terdapat peningkatan dalam jumlah lebihan sebanyak RM37,322.

6.8 Berkenaan dengan prestasi anak syarikat, MAT dimaklumkan bahawa IEM Training Academy mendapat keuntungan sebanyak RM10,977 manakala IEM Academy Sdn Bhd mengalami kerugian bersih sebanyak RM1,111.

- 6.9 MAT juga diberitahu bahawa beberapa Cawangan memiliki pendapatan lebih seperti Pulau Pinang, Kelantan, Pahang, Negeri Sembilan, Melaka, Sarawak dan Miri.

Yang DiPertua kemudian mengucapkan terima kasih kepada Bendahari Kehormat atas laporannya dan meneruskan dengan mengundang soalan dari para ahli. Ahli-ahli yang hadir secara dalam talian diminta untuk mengklik ikon RAISE HAND sekiranya mereka ingin mengajukan sebarang soalan.

6.10 Sesi Soal Jawab

- 6.10.1 Ir. Ong Ching Loon (F11938) mengucapkan tahniah kepada IEM atas peningkatan di segi kewangan pada tahun ini.

Beliau kemudian meminta MAT merujuk ke mukasurat 201 Laporan Tahunan tentang pembentangan akaun kewangan. Beliau mencadangkan agar daripada "Pendapatan Pameran dan Persidangan IEM" disenaraikan sebagai satu aliran pendapatan dan tidak dinyatakan sebagai sebahagian daripada "Pendapatan Pelbagai Lain" disebabkan pendapatan ini akan menjadi aliran pendapatan yang berterusan. Ini akan memastikan bahawa IEM akan terus menghasilkan pendapatan yang lebih tinggi di bawah aliran pendapatan tersebut. Yang DiPertua akan meminta Jawatankuasa Kewangan untuk mengkaji perkara tersebut.

Oleh kerana tiada soalan lanjut daripada ahli yang hadir secara fizikal mahupun atas talian, Ir. Mohd. Aman Hj. Idris (F02176) mencadangkan penerimaan Penyata Kewangan IEM bagi tahun berakhir 31 Disember 2021. Usul itu disokong oleh YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik (DHF09157). MAT kemudiannya mengesahkan penerimaan Penyata Kewangan tersebut.

7.0 PENYATA KEWANGAN DANA PENDIDIKAN – 31 DISEMBER 2022

Bendahari Kehormat kemudiannya meneruskan laporan Penyata Kewangan Dana Pendidikan bagi tahun berakhir 31 Disember 2022 dari mukasurat 204 hingga 212.

- 7.1 MAT dimaklumkan bahawa sumbangan yang diterima berjumlah RM30,416 pada tahun 2022 berbanding RM35,727 pada tahun 2021 yang merupakan penurunan kecil. Bagaimanapun, pendapatan menyeluruh bagi tahun 2022 berjumlah RM61,690 berbanding RM64,063 pada tahun 2021.

- 7.2 Bendahari Kehormat melaporkan bahawa dalam perbelanjaan keseluruhan pada tahun 2022 adalah RM108,390 berbanding RM71,809 pada tahun 2021.

- 7.3 MAT juga dimaklumkan bahawa secara keseluruhan, Dana Pendidikan mencatatkan deficit RM46,700. Bagi tahun 2022, Dana Pendidikan dapat mematuhi peraturan perbelanjaan 50% yang diwajibkan oleh Lembaga Hasil Dalam Negeri (LHDN) bagi Akaun yang Dikecualikan Cukai dengan jumlah perbelanjaan yang telah melebihi 100%.

- 7.4 Bagi kedudukan kewangan keseluruhan Dana Pendidikan, MAT mengambil maklum terdapat penurunan sebanyak 2.4% bagi deposit tetap, tunai dalam bank dan tunai runcit berjumlah RM1,835,241 manakala Dana Terkumpul ialah RM2,501,706 yang mencatatkan penurunan sebanyak 1.8% berbanding dengan 2021.

7.5 Sesi Soal Jawab

- 7.5.1 YBhg. Ahli Akademik Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik (DHF09157) mengulangi apa yang beliau ketengahkan semasa mesyuarat Majlis terakhir mengenai Tabung Pendidikan. Beliau memaklumkan kepada MAT bahawa Lembaga Hasil Dalam Negeri (LHDN) telah lama memberikan pengecualian cukai kepada Tabung Pendidikan IEM dan terdapat keperluan untuk mengetahui samada terdapat sebarang had masa bagi pengecualian cukai itu.

MAT seterusnya dimaklumkan bahawa pengecualian cukai akan tamat pada tahun 2026 dan ini telah dimaklumkan semasa tempoh Yang DiPertua Ir. Ong Ching Loon.

Sehubungan dengan itu, YBhg. Ahli Akademik Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik mencadangkan bahawa IEM perlu memohon pengecualian cukai tidak kurang daripada enam bulan sebelum tarikh tamat tempoh. Kedua, perbelanjaan 50% ke atas pendapatan yang dijana daripada tahun sebelumnya harus sentiasa dipatuhi.

Perkara ketiga yang diketengahkan adalah IEM perlu menyemak dengan LHDN samada penajaan pelajar melalui Tabung Pendidikan adakah ianya hanya untuk menghadiri persidangan dan bukannya Perhimpunan Agung (GA). Yang DiPertua mengucapkan terima kasih kepada YBhg. Ah Akademik Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik atas nasihat yang baik dan Majlis akan mengambil kira cadangannya.

Bendahari Kehormat kemudiannya memaklumkan MAT bahawa tarikh tamat tempoh pengecualian cukai untuk Dana Pendidikan IEM adalah pada 31 Disember 2025. Berkenaan dengan perbelanjaan perjalanan, IEM perlu membuat justifikasi mengenai tujuan perjalanan dan ia harus selaras dengan objektif dana tersebut.

Memandangkan tiada soalan daripada pihak ahli samada yang hadir secara fizikal atau atas talian, Ir. Assoc. Prof. Dr. David Chuah Joon Huang (F57551) mencadangkan penerimaan penyata kewangan Dana Pendidikan bagi tahun berakhir 31 Disember 2022 dan usul itu disokong oleh YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik (DHF09157). MAT kemudiannya menerima penyata kewangan Dana Pendidikan tersebut.

8.0

CADANGAN PINDAAN KEPADA PERLEMBAGAAN DAN UNDANG-UNDANG

Yang DiPertua memaklumkan MAT cadangan pindaan tersebut dibentangkan pada mukasurat 7-8. Setiausaha Kehormat memaklumkan bahawa isi kandungan pindaan-pindaan akan dipaparkan di atas skrin dan cara persetujuan para ahli yang hadir akan dilakukan secara berikut:

- i. bagi ahli Korporat yang menghadiri MAT secara fizikal dan kini berada dalam oditorium Malakoff dan odditorium Chin Fung Kee serta bilik di Tingkat 2, kad kuning telahpun diberi semasa pendaftaran pagi tersebut. Semasa **PENGUNDIAN**, ahli-ahli yang hadir secara fizikal perlu **MENGANGKAT TANGAN** dan **MENUNJUKKAN KAD KUNING** tersebut.
- ii. bagi ahli-ahli yang hadir di atas talian, undi tersebut akan terpapar di atas skrin masing-masing. Ahli- ahli perlu click pilihan mereka dan kemudiannya hantar undi tersebut di atas skrin.

Yang DiPertua kemuduannya meminta Ir. Lai Sze Ching untuk membentangkan setiap artikel yang perlu dipinda. Semua pindaan yang dibentangkan telah mengambil kira komen-komen yang telah diberi pada MAT yang lalu.

Artikel-artikel untuk pindaan adalah seperti berikut:

8.1

Artikel II Keahlian

Artikel 2.5

Pindaan adalah dibuat untuk merangkumi gred-gred keahlian yang baru dan singkatan untuk gred "Affiliate" and "Associate".

*Distinguished Honorary Fellows, Honorary Fellows, Fellows, Distinguished Members, Honorary Members, Senior Members, Members, Companions, Graduate Members, and Incorporated Members, **Engineering Technologist Members, Engineering Technician Members, Engineering Technologist Graduate Members, Engineering Technician Graduate Members, Affiliate Members and Associate Members shall be entitled to the exclusive use after their names of the following abbreviated forms showing their grades of Membership:***

Distinguished Honorary Fellow	D. Hon. F.I.E.M.
Honorary Fellow	Hon. F.I.E.M.
Fellow	F.I.E.M.
Distinguished Member	D.M.I.E.M.
Honorary Member	Hon. M.I.E.M.
Senior Member	S.M.I.E.M.
Member	M.I.E.M.
Senior Graduate Member	S. Grad.I.E.M.
Graduate Member	Grad. I.E.M.
Engineering Technologist Member	E.T.I.E.M.
Engineering Technologist Graduate Member	Grad. E.T.I.E.M.
Engineering Technician Member	E.Tn.I.E.M.
Engineering Technician Graduate Member	Grad. E.Tn.I.E.M.
Incorporated Member	Inc. I.E.M.
To insert/add:	
Affiliate Member	Aff. I.E.M.
Associate Member	Assoc. I.E.M.

President then informed the AGM to proceed to vote on the above-mentioned amendments.

8.2 Artikel IV Sumber Pendapatan

Artikel 4.2.1

Pindaan ini adalah untuk pengurangan Yuran Keahlian untuk gred Ahli Siswazah Juruteknik Kejuruteraan dan Ahli Associate yang telah dicadangkan semasa MAT pada tahun 2020:

Ahli Juruteknik Kejuruteraan	RM155.00
Ahli Siswazah Juruteknik Kejuruteraan, yang telah mencapai umur 30	RM155.00 RM80.00
belum mencapai umur 30	RM100.00 RM50.00
Ahli Associate, yang telah mencapai umur 30	RM155.00 RM80.00
belum mencapai umur 30	RM100.00 RM50.00

8.3 Artikel IX Pindaan Dan Pembubaran

Artikel 9.2

Pindaan untuk memasukkan perkataan “**electronic**” dalam undian bagi pindaan ke atas Perlembagaan.

“The proposed amendment as drafted by the Honorary Secretary shall be tabled for discussion at the General Meeting and it may be amended in any manner pertinent to the petitions by a majority vote at the said Meeting, and if amended, shall be voted upon by postal ballot **or electronic vote as provided for under The Institution’s Bylaws** in a form as amended by the said meeting. If not amended, the proposed amendment as submitted shall be voted upon by postal or **electronic** ballot.”

Keputusan daripada undian yang telah dijalankan adalah seperti berikut:

Artikel	Menyokong	Tidak Menyokong	Berkecuali
2.5	312	35	29
4.2.1	319	50	22
9.2	323	10	30

9.0 PERBINCANGAN ISU BERTULIS YANG DITERIMA DARIPADA AHLI

MAT dimaklumkan bahawa tiada isu bertulis yang diterima untuk dibentangkan.

10.0 PENGUMUMAN KEPUTUSAN e-BALLOTING MAJLIS BAGI SESI 2023/2024

Yang DiPertua seterusnya menjemput Pegawai Pemilihan, YBhg. Dato’ Paduka Ir. (Dr.) Hj. Keizrul Abdullah untuk mengumumkan keputusan pemilihan bagi sesi2023/2024.

10.1 Yang DiPertua dan Timbalan Yang DiPertua

YBhg. Dato’ Paduka Ir. (Dr.) Hj. Keizrul Abdullah memaklumkan MAT bahawa mengikut Seksyen 5.2 Undang-undang Kecil IEM, Ir. Prof. Dr. Norlida Buniyamin dan Ir. Prof. Dr. Jeffrey Chiang Choong Luin akan meneruskan tahun kedua masing-masing dalam jawatan Yang DiPertua dan Timbalan Yang DiPertua untuk Sesi 2023/2024.

10.2 Jawatan-jawatan Kosong Majlis bagi sesi 2023/2024

Pegawai Pemilihan seterusnya memberitahu MAT kekosongan Majlis seperti berikut:

- Naib Yang DiPertua – 4 kekosongan untuk 2 sesi
- Setiausaha Kehormat – 1 kekosongan untuk 1 sesi
- Bendahari Kehormat - 1 kekosongan untuk 1 sesi

Ahli Majlis:

- Wakil Disiplin Awam - 1 kekosongan untuk 3 sesi
- Wakil Disiplin Elektrik - 1 kekosongan untuk 3 sesi
- Wakil Disiplin Mekanikal - 1 kekosongan untuk 3 sesi
- Wakil Disiplin Struktur - 1 kekosongan untuk 3 sesi
- Wakil Disiplin ICT dan Multimedia - 1 kekosongan untuk 3 sesi
- Wakil Biasa - 6 kekosongan untuk 3 sesi

YBhg. Dato' Paduka Ir. (Dr.) Hj. Keizrul Abdullah mengulas berkenaan dengan pemilihan wakil-wakil ke Majlis IEM, bahawa IEM patut bersikap adil kepada mereka yang dipilih untuk mewakili IEM ke Lembaga BEM.

Beliau menekankan bahawa wakil IEM telah melakukan yang terbaik untuk meletakkan pendirian IEM dalam Mesyuarat Lembaga BEM. Beliau kemudiannya memetik pengalamannya tahun lalu apabila terlibat dalam pindaan Peraturan 34 (1) Akta Pendaftaran Jurutera (REA). Beliau memaklumkan kepada MAT bahawa Peraturan 34 (1) adalah terutamanya untuk membenarkan saham Amalan Perundingan Kejuruteraan (ECP) kepada orang ramai. Beliau telah diminta membentangkan pindaan tersebut kepada mesyuarat Lembaga BEM dan semasa pengundian dijalankan, kelima-lima (5) wakil IEM di mesyuarat tersebut telah mengundi menentang pindaan tersebut kerana mengetahui bahawa ia adalah yang terbaik untuk profesion walaupun beberapa wakil itu adalah ECP.

Oleh yang demikian, YBhg. Dato' Paduka Ir. (Dr.) Hj. Keizrul berpendapat bahawa wakil-wakil IEM tidak sepatutnya diletakkan dalam pandangan yang tidak baik. Beliau menegaskan bahawa IEM harus melayan wakil IEM secara adil kerana mereka melakukan yang terbaik dalam perwakilan mereka dan untuk kebaikan IEM.

Pegawai Pemilihan seterusnya membentangkan perkara-perkara berikut:

10.3 **Naib Yang DiPertua, Setiausaha Kehormat, Bendahari Kehormat dan Lain-lain**

MAT turut dimaklumkan bahawa jawatan-jawatan berikut tidak memerlukan pengundian kerana hanya ada satu calon.

10.3.1 ***Jawatan Wakil Disiplin Awam (Satu (1) Kekosongan untuk tiga sesi 2023/2024, 2024/2025 dan 2025/2026)***

Tiga pencalonan telah diterima tetapi dua daripadanya tidak layak disebabkan unsur-unsur yang tidak mematuhi peraturan. Dengan itu, **Ir. Tu Yong Eng** telah menang tanpa bertanding ke jawatan Wakil Disiplin Awam bagi sesi 2023/2024, 2024/2025 dan 2025/2026.

10.3.2 ***Jawatan Wakil Disiplin Struktur (Satu (1) Kekosongan untuk tiga sesi 2023/2024, 2024/2025 dan 2025/2026)***

Hanya satu pencalonan sahaja telah diterima. Oleh itu, **Ir. Dr. Tan Kuang Leong** menang tanpa bertanding ke Jawatan Wakil Disiplin Struktur untuk sesi 2023/2024, 2024/2025 dan 2025/2026.

10.4 Pegawai Pemilihan kemudiannya menerangkan dengan lebih lanjut prosedur bagi jawatan berikut yang memerlukan pengundian:

- Naib Yang DiPertua
- Setiausaha Kehormat
- Bendahari Kehormat
- Ahli Majlis – Wakil Disiplin Elektrik
- Ahli Majlis – Wakil Disiplin Mekanikal
- Ahli Majlis – Wakil Disiplin ICT dan Multimedia
- Ahli Majlis – Wakil Biasa

Pegawai Pemilihan memaklumkan bahawa e-mel dan SMS dengan pautan untuk e-Ballot bagi jawatan-jawatan yang dinyatakan di atas yang memerlukan undian telah dihantar kepada seramai 11,972 Ahli Korporat yang layak mengundi. Emel dan SMS (*SMS hanya untuk mereka yang tinggal dalam negara sahaja*) Bersama dengan pautan undian elektronik telah dihantar pada 6 Mac 2023. Tarikh tutup penyerahan undian elektronik adalah pada 1 April 2023 jam 12.00 tengah hari di mana pengundian ditutup secara automatik oleh program. Katalaluan kemudiannya akan dihantar oleh program tersebut terus kepada Pegawai Pemilihan untuk menjana keputusan.

Dengan menggunakan katalaluan tersebut, keputusan telah dijana pada 1 April 2023 jam 12.05 petang dengan disaksikan oleh pemeriksa-pemeriksa pemilihan iaitu Ir. Hj. Mohamed Ali Yusoff, Ir. Prof. Dr. Jeffrey Chiang Choong Luin dan Ir. Mohd Khir bin Muhammad. Seramai 2,452 orang Ahli Korporat telah menyerahkan undi elektronik mereka.

10.5 Jawatan Naib Yang DiPertua (Empat (4) kekosongan untuk dua sesi 2023/2024 dan 2024/2025)

Empat (4) orang calon seperti berikut dengan jumlah undian tertinggi telah dipilih untuk jawatan Naib Yang DiPertua bagi sesi 2023/2024 dan 2024/2025.

- i) Ir. Yau Chau Fong
- ii) Ir. Dr. Siti Hawa binti Hamzah
- iii) Ir. Fam Yew Hin
- iv) Ir. Chen Harn Shean

10.6 Jawatan Setiausaha Kehormat (Satu (1) kekosongan bagi sesi 2023/2024)

Empat (4) penamaan telah diterima untuk satu (1) kekosongan. Calon, Ir. Prof. Dr. Zuhaina binti Zakaria menerima jumlah undian tertinggi dan dipilih untuk jawatan Setiausaha Kehormat bagi sesi 2023/2024.

10.7 Jawatan Bendahari Kehormat (Satu (1) kekosongan bagi sesi 2023/2024)

Tiga (3) penamaan telah diterima untuk satu (1) kekosongan. Calon, Ir. Assoc. Prof. Dr. David Chuah Joon Huang menerima jumlah undian tertinggi dan dipilih untuk jawatan Bendahari Kehormat bagi sesi 2023/2024.

10.8 Jawatan Ahli Majlis - Wakil Disiplin Elektrik (Satu (1) Kekosongan untuk tiga sesi 2023/2024, 2024/2025 dan 2025/2026)

Dua (2) penamaan telah diterima untuk satu (1) kekosongan. Calon, Ir. Mohd. Aman bin Hj. Idris yang menerima jumlah undian tertinggi dipilih untuk jawatan Ahli Majlis – Wakil Disiplin Elektrik bagi sesi 2023/2024, 2024/2025 and 2025/2026.

10.9 Jawatan Ahli Majlis - Wakil Disiplin Mekanikal (Satu (1) Kekosongan untuk tiga sesi 2023/2024, 2024/2025 dan 2025/2026)

Tiga (3) penamaan telah diterima untuk satu (1) kekosongan. Calon, Ir. Ng Yong Kong yang menerima jumlah undian tertinggi dipilih untuk jawatan Ahli Majlis – Wakil Disiplin Mekanikal bagi sesi 2023/2024, 2024/2025 and 2025/2026.

10.10 Jawatan Ahli Majlis - Wakil Disiplin ICT dan Multimedia (Satu (1) Kekosongan untuk tiga sesi 2023/2024, 2024/2025 dan 2025/2026)

Empat (4) penamaan telah diterima untuk satu (1) kekosongan. Calon, Ir. Assoc. Prof. Dr. Lai Khin Wee yang menerima jumlah undian tertinggi dipilih untuk jawatan Ahli Majlis – Wakil Disiplin ICT dan Multimedia bagi sesi 2023/2024, 2024/2025 and 2025/2026.

10.11 Jawatan Ahli Majlis - Wakil Biasa (Enam (6) Kekosongan untuk tiga sesi 2023/2024, 2024/2025 dan 2025/2026)

Pegawai Pemilihan seterusnya melaporkan bahawa terdapat dua puluh empat (24) pencalonan yang diterima dan enam (6) calon berikut dengan jumlah undian tertinggi telah dipilih sebagai Ahli Majlis – Wakil Biasa bagi sesi 2023/2024, 2024/2025 and 2025/2026:

1. Ir. Sharifah Azlina binti Raja Kamal Pasmah
2. Ir. Prof. Dr Zuhaina binti Zakaria
3. Ir. Dr Wan Syakirah binti Wan Abdullah
4. Ir. Dr Mui Kai Yin
5. Ir. Shamil bin Abu Hassan
6. Ir. Wan Rizaluddin bin Wan Abdullah

Pegawai Pemilihan kemudiannya mengucapkan tahniah kepada semua calon yang Berjaya.

- 10.12 MAT selanjutnya dimaklumkan bahawa proses pemilihan tersebut meliputi tempoh kira-kira enam (6) bulan dan kos keseluruhan ialah RM4,292.58 (kos penghantaran SMS) tidak termasuk kos kakitangan IEM. MAT juga dimaklumkan bahawa jumlah pautan e-Ballot yang dihantar melalui e-mel kepada ahli Korporat pada tahun ini ialah 11,972.

Daripada jumlah undi yang dikembalikan, terdapat peningkatan berbanding tahun sebelumnya (20.5% berbanding 17.5%). Namun begitu, masih terdapat dalam 80% Ahli Korporat yang layak tetapi masih tidak membuang undi.

- 10.13 Pegawai Pemilihan kemudiannya mengucapkan terima kasih kepada Pemeriksa, Ir. Prof. Em. Dr. Zainal Abidin bin Ahmad, Ir. Hj. Mohamed Ali Yusoff, Ir. Prof. Dr. Jeffrey Chiang Choong Luin, Ir. Ts. Prof. Dr. Tan Chee Fai dan Ir. Mohd Khir bin Muhammad atas bantuan mereka. Ucapan terima kasih juga dirakamkan kepada Urusetia IEM atas kerjasama penuh serta pihak Majlis atas sokongan yang diberikan.

Yang DiPertua mengucapkan terima kasih kepada YBhg. Dato' Paduka Ir. (Dr.) Hj. Keizrul Abdullah atas sumbangan dan sokongan beliau dalam menjalankan proses pemilihan IEM. Beliau juga memaklumkan bahawa terdapat beberapa orang ahli yang telah berjaya dilantik untuk lebih daripada satu jawatan, oleh itu akan terdapat "casual vacancies" yang perlu dipenuhi dan ini akan dilakukan oleh Majlis dalam mesyuarat mereka nanti berdasarkan SOP IEM yang sedia ada.

11.0 PENYAMPAIAN ANUGERAH

Yang DiPertua kemudian mengumumkan bahawa mengikut tradisi yang ditetapkan untuk beberapa tahun kebelakangan ini, beberapa anugerah akan disampaikan semasa Mesyuarat Agung Tahunan.

11.1 Projek Akhir Tahun Tan Sri Ir. Hj. Yusoff Ibrahim untuk 2021

MAT dimaklumkan bahawa Projek Akhir Tahun Tan Sri Ir. Hj. Yusoff Ibrahim untuk 2023 ialah Chng Sook Ling dari Kolej Universiti Tunku Abdul Rahman dengan tajuk projek – "Cu-Gr-TiO₂ Ternary Nanocomposite for the Application of Anticorrosion Coating: Synthesis, Characterization and Anticorrosion properties".

Pemenang tempat kedua ialah Nurul Nadiah binti Zulkeflee dari Universiti Putra Malaysia sementara tempat ketiga dimenangi oleh Low Ee Sam dari Universiti Malaya.

Berikut adalah pemenang-pemenang saguhati:

1. Adrian Ng Tzemin from University Malaya
2. Yee Jia Jun from University Malaysia Pahang
3. Nabillah binti Mahmud Seri Wijaya from Universiti Putra Malaysia
4. Tai Jia Wei from Universiti Tunku Abdul Rahman

11.2 Penyampaian Sijil Felo IEM

Program kemudiannya diteruskan dengan penyampaian sijil dan pin kepada ahli-ahli yang berikut yang telah berjaya dalam pemindahan ke gred Felo IEM pada tahun 2022/23.

1. Ir. Dr. Mui Kai Yin
2. Ir. Prof. Dr. Raizal Saifulnaz
3. Ir. Chang Toong Woh
4. Ir. Chong Chee Yen

11.3 Kertas Teknikal Terbaik IEM

MAT mengambil maklum pemenang-pemenang HADIAH TAN SRI HJ. YUSOFF IBRAHIM seperti berikut:

1. **Ir. YEE THIEN SENG** untuk kertas beliau bertajuk "*Some Engineering Issues Peculiar to Road Embankment Construction on Soft Soils*" – untuk kategori AWAM
2. **Ir. Dr. BHUVENDHRAA RUDRUSAMY** untuk kertas bertajuk "*Autonomous 3D Mapping Drone Framework For Sustainable Building Construction Monitoring Using Photogrammetry And Industry 4.0 Technologies*" – untuk kategori LAIN-LAIN
3. **Ir. THUM PENG CHEW** untuk kertas bertajuk "*The Impact of Direct Lightning Strike Damages on Pv Modules in A Large Malaysian PV Farm*" – untuk kategori ELEKTRIK

11.4 Anugerah Jurutera Muda IEM 2023

Yang DiPertua kemudiannya dijemput untuk menyampaikan Anugerah Jurutera Muda IEM 2023 kepada pemenang-pemenang berikut:

1. Ir. Dr. Siow Chun Lim untuk kategori Akademik
2. Mr. Alex Looi Tink Huey untuk kategori Industri

11.5 Anugerah Jurutera Wanita IEM 2023

MAT juga dimaklumkan bahawa pemenang Jurutera Wanita IEM untuk tahun 2023 adalah Ir. Catherine Sim Siew Ping. Beliau menerima sijil dan piala dari Yang DiPertua.

12.0 AHLI MAJLIS YANG BERSARA

Ahli-ahli Majlis berikut yang akan bersara selepas MAT telah dijemput ke pentas untuk menerima tanda penghargaan dari Yang DiPertua:

1. YBhg. Dato' Ir. Dr. Gue See Sew
2. YBhg. Dato' Ir. Ahmad Murad bin Omar
3. Ir. Dr. Lee Yun Fook
4. Ir. Dr. Aidil bin Chee Tahir
5. Ir. Gunasagaran a/l Kristnan
6. Ir. Jeewa Vengadasalam
7. Ir. Dr. Chan Swee Huat
8. Ir. Ellias Saidin
9. Ir. Mohd Radzi Salleh
10. YBhg. Dato' Ir. Anuar Yahya
11. Ir. Dr. Teo Fang Yenn
12. Ir. Sundraraj Krishnasamy
13. YBhg. Dato' Ir. Nor Hisham Mohd Ghazali
14. Ir. Bernard Lim Kee Weng
15. YBhg. Dato' Sri Ir. Liew Mun Hon
16. YBhg. Dato' Ir. Wan Nazari Wan Jusoh
17. Ir. Chong Chee Yen
18. YBhg. Dato' Ir. Janang Ak Bungsu
19. Ir. Mohd. Saiful Ashrul Ishak
20. Ir. Nik Ab. Hadi Nik Hassan

12.1 Mesyuarat Agung Tahunan dimaklumkan bahawa ahli-ahli Majlis berikut yang akan bersara pada sesi ini tidak dapat hadir untuk menerima tanda penghargaan kerana komitmen yang lain. Walau bagaimanapun, tanda penghargaan akan dihantar kepada mereka selepas Mesyuarat Agung Tahunan selesai.

1. Ir. David Lai Kong Phooi
2. Ir. Yap Soon Hoe
3. Ir. Francis Xavier Jacob
4. Ir. Lai Sze Ching
5. YBhg. Dato' Ir. Prof. Dr. Mohd Hamdi Abd. Shukor

13.0 MANTAN YANG DIPERTUA

Yang DiPertua kemudian memaklumkan bahawa Majlis telah menjemput mantan-mantan Yang DiPertua berikut untuk berkhidmat bagi sesi akan datang dan mereka telah bersetuju dan menerima pelawaan tersebut.

- i. YBhg. Academician Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin
- ii. YBhg Dato' Paduka Ir. (Dr.) Hj. Keizrul bin Abdullah
- iii. YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik
- iv. YBhg. Dato' Ir. Lim Chow Hock
- v. Ir. Dr. Tan Yean Chin

Yang DiPertua kemudiannya mengucapkan terima kasih kepada semua mantan-mantan Yang DiPertua di atas sumbangan dan sokongan mereka yang tidak berbelah bahagi pada sesi yang lalu dan berharap mereka akan terus menyokong dan membimbing IEM pada masa hadapan.

14.0 PEMILIHAN JURUAUDIT DALAMAN KEHORMAT

Yang DiPertua kemudian meneruskan dengan menjemput pencalonan bagi jawatan Juruaudit Dalam Kehormat. Beliau seterusnya memaklumkan Meyuarat Agung Tahunan bahawa juruaudit dalaman pada sesi lepas ialah Ir. Assoc. Prof. Dr. David Chuah Joon Huang (F57551) dan Ir. Steven Toh Chin Kok (M21175).

Tetapi memandangkan yang Ir. Assoc. Prof. Dr. David Chuah Joon Huang telah terpilih sebagai Bendahari Kehormat, maka tidak akan dapat berkhidmat sebagai Juruaudit Dalaman. Dengan itu, adalah perlu untuk membuat pemilihan Juruaudit Dalaman yang baru.

Ahli yang hadir kemudiannya dinasihatkan untuk klik pada ikon "RAISE HAND" sekiranya mereka ingin membuat pencalonan. Ahli-ahli berikut telah dicalonkan

Candidate	Proposer	Seconder
1. Ir. Dr. Teo Fang Yenn (F26373)	Ir. Wong Chee Fui (F20903)	YBhg. Academician Tan Sri Dato' Ir. Prof. Em. Dr. Chuah Hean Teik (HDF09157)
2. Ir. Bernard Lim Kee Weng (F18809)	Ir. Ong Ching Loon (F11938)	Ir. Rusnida binti Talib (M43183)

Memandangkan tiada pencalonan lain, maka MAT telah meluluskan perlantikan ahli-ahli berikut sebagai Juruaudit Dalam Kehormat IEM bagi sesi 2023/2024:

1. Ir. Dr. Teo Fang Yenn (F26373)
2. Ir. Bernard Lim Kee Weng (F18809)

15.0 PELANTIKAN JURUAUDIT LUAR

MAT telah meluluskan cadangan dari Majlis untuk melantik TNL Partners PLT Chartered Accounts sebagai Juruaudit Luar yang baharu untuk tahun 2023.

16.0 UCAPAN YANG DIPERTUA BAGI SESI 2023/2024

Pengacara Majlis kemudian menjemput Yang DiPertua untuk menyampaikan Ucapan bagi sesi 2023/2024 yang bertajuk "*Continuing the Pursuit for Sustainability*".

Pada akhir AGM, salinan Ucapan Yang DiPertua akan dihantar kepada semua peserta dalam talian. Ahli yang hadir secara fizikal boleh mendapatkan salinan bercetak dari kaunter pendaftaran.

17.0 PENANGGUHAN MESYUARAT AGUNG TAHUNAN 2023

Yang DiPertua mengucapkan terima kasih kepada ahli yang menghadiri Mesyuarat Agung Tahunan secara fizikal dan juga dari platform maya. Yang DiPertua kemudian mengisytiharkan Mesyuarat Agung Tahunan ke-64 ditangguhkan pada jam 12.23 tengah hari.

Yang DiPertua juga meminta semua ahli yang hadir secara fizikal untuk merekodkan ucapan "SELAMAT HARI RAYA AIDILFITRI!".

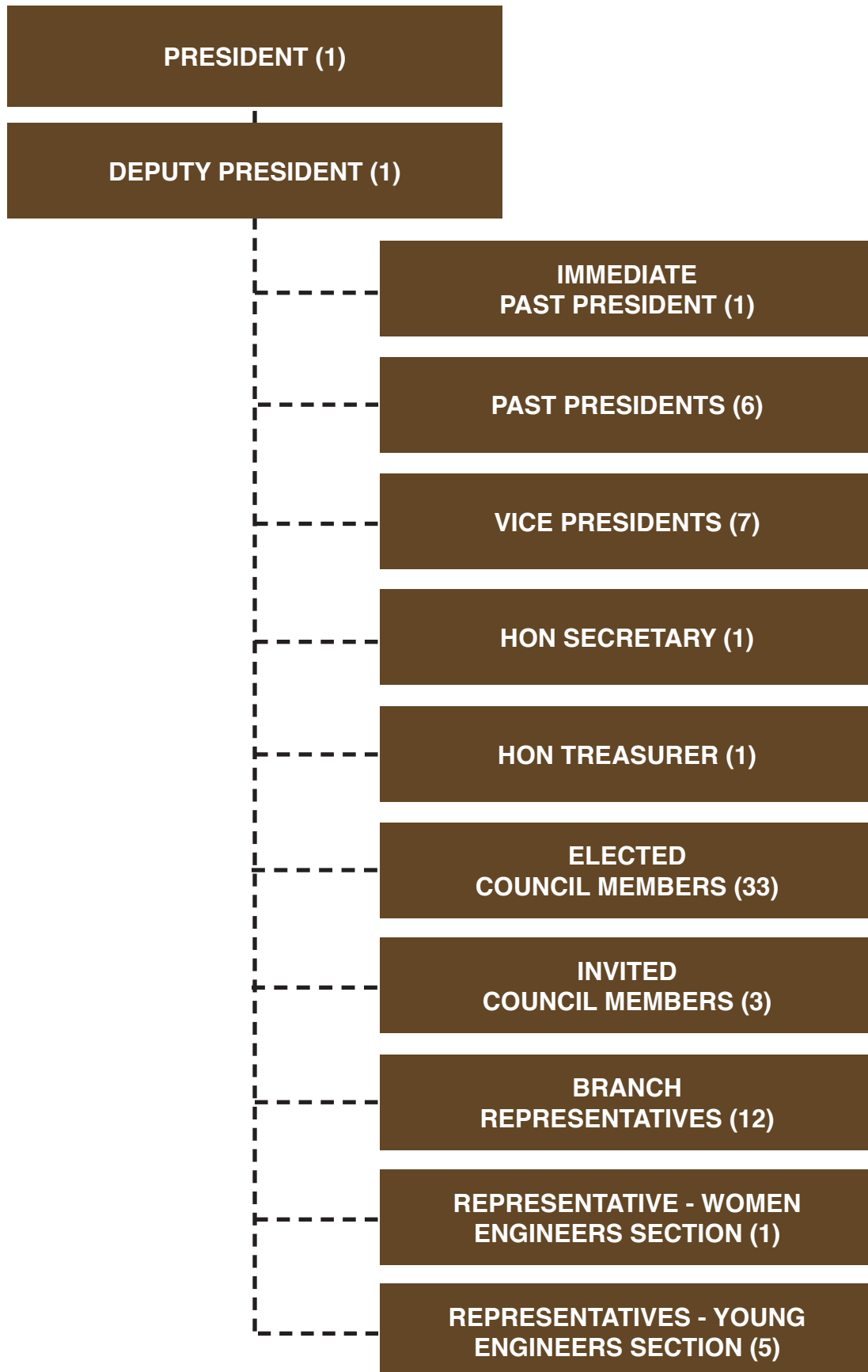


Ir. Prof. Dr. Norlida binti Bunyamin
Yang Di Pertua



Ir. Prof. Dr. Zuhaina binti Zakaria
Setiausaha Kehormat

STRUCTURE OF COUNCIL FOR SESSION 2023/2024
Struktur Majlis Untuk Sesi 2023/2024



COUNCIL MEMBERS FOR SESSION 2023/2024
Ahli Majlis Sesi 2023/2024



First Row (Seated) (L to R)

Ir. Prof. Dr. David Chuah Joon Huang (Honorary Treasurer), Ir. Fam Yew Hin (Vice President), Ir. Abdul Razak bin Yakob (Vice President), Ir. Mohd Khir bin Muhammad (Vice President), Ir. Dr. Tan Yean Chin (Past President), YBhg. Dato' Ir. Lim Chow Hock (Past President), YBhg. Dato' Paduka Ir. Hj. Keizrul bin Abdullah (Past President), Ir. Prof. Dr. Jeffrey Chiang Choong Luin (Deputy President), Ir. Prof. Dr. Norlida binti Buniyamin (President), Ir. Ong Ching Loon (Immediate Past President), YBhg. Academician Tan Sri Dato' Seri Ir. Prof. Em. Dr. Chuah Hean Teik (Past President), Ir. Ts. Prof. Dr. Tan Chee Fai (Vice President), Ir. Yau Chau Fong (Vice President), Ir. Chen Harn Shean (Vice President), Ir. Dr. Siti Hawa binti Hamzah (Vice President), Ir. Prof. Dr. Zuhaina binti Zakaria (Hon Secretary)

Second Row (L to R)

Ir. Kwok Yew Hoe, Ir. Dr. Tan Kuang Leong, Ir. Willy Chin Tet Fu (Chairman, Sabah Branch), Ir. Shahrin Amri bin Jahari (Chairman, Negeri Sembilan Branch), Ir. Mazlan bin Che Ku Ahmad (Chairman, Terengganu Branch), Ir. Abrizan bin Abdul Kadir (Chairman, Kelantan Branch), Ir. Dr. Hum Yan Chai, Ir. Assoc. Prof. Dr. Lai Khin Wee (ICT and Multimedia Representative), Ir. Lai Sze Ching, Ir. Wong Chee Fui, Ir. Wan Rizaluddin Abdullah bin Wan Ali, Ir. Sim Hui Kheng (Chairman, Sarawak Branch), Ir. Rusnida binti Talib, Ir. Sharifah Azlina binti Raja Kamal Pasmah, Ir. Assoc. Prof. Dr. Syuhaida binti Ismail (WE Representative), Ir. Dr. Wan Syakirah binti Wan Abdullah, Ir. Chong Boon Hui (Chairman, Miri Branch), Ir. Gopal Narian Kutty

Third Row (L to R)

Mr. Chuah Pei Lim (YES Representative), Mr. Lim Yiren (YES Representative), Ms. Ong Ye Shian (YES Representative), Ir. Lim Su Hian (Incoming Chairman, Melaka Branch), Ir. Ong Yee Pinn (Chairman, Melaka Branch), Ir. Roshasmawi bin Abdul Wahab (Chairman, Kedah-Perlis Branch), Ir. Tiong Ngo Pu, Ir. Prof. Dr. Lam Wei Haur, Mr. Muhammad Ashiq Marecan bin Hamid Marecan (YES Representative), Ir. Ng Yong Kong, Ir. Dr. Mui Kai Yin, Ir. Dr. Chong Chien Hwa (Chemical Representative), Ir. Tu Yong Eng (Civil Representative), Ir. Simon Yeong Chin Chow

Fourth Row (L to R)

Ir. Prof. Dr. Lau Hieng Ho, Ir. Sreedaran Raman, Ir. Assoc. Prof. Dr. Lee Tin Sin, Ir. Dr. Siow Chun Lim, Ir. Chan Wah Cheong (Chairman, Penang Branch), Ir. Dr. Lee Choo Yong

Not in Picture

YBhg. Academician Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin (Past President), Ir. Hj. Mohd Aman bin Hj. Idris (Electrical Representative), Ir. Assoc. Prof. Dr. Wong Yew Hoong (Representative of Other Disciplines), Ir. (Dr.) Vigna Kumaran a/l Ramachandaramurthy, Ir. Mah way Sheng, Ir. Lee Cheng Pay, Ir. Dr. Kannan M. Munisamy, Ir. Muhammad Azmi bin Ayub, Ir. Arul Hisham bin Abdul Rahim, Ir. Razmahwata bin Mohamad Razalli, Ir. Dr. Chan Seong Phun, Ir. Yam Teong Sian, Ir. Shamil bin Abu Hassan, YBhg. Dato' Prof. Ir. Dr. Mohd Hamdi bin Abd Shukor, Ir. Thayala Rajah a/l Selvaduray (Chairman, Southern Branch), Ir. Assoc. Prof. Dr. Nursyarizal bin Mohd Nor (Chairman, Perak Branch), Ir. Ab. Rahman bin Hashim (Chairman, Pahang Branch), Mr. Darshan Balasubramaniam (YES Representative)

EXECUTIVE COMMITTEE FOR SESSION 2023/2024
Jawatankuasa Kerja Sesi 2023/2024
**First Row (Seated) (L to R)**

Ir. Abdul Razak bin Yakob (Vice President), Ir. Fam Yew Hin (Vice President), Ir. Mohd Khir bin Muhammad (Vice President), Ir. Prof. Dr. David Chuah Joon Huang (Honorary Treasurer), Ir. Prof. Dr. Jeffrey Chiang Choong Luin (Deputy President), Ir. Prof. Dr. Norlida binti Buniyamin (President), Ir. Prof. Dr. Zuhaina binti Zakaria (Honorary Secretary), Ir. Ts. Prof. Dr. Tan Chee Fai (Vice President), Ir. Yau Chau Fong (Vice President), Ir. Chen Harn Shean (Vice President), Ir. Dr. Siti Hawa binti Hamzah (Vice President)

Second Row (L to R)

Ir. Dr. Siow Chun Lim, Ir. Prof. Dr. Lau Hieng Ho, Ir. Wong Chee Fui, Ir. Ng Yong Kong, Ir. Tu Yong Eng, Ir. Simon Yeong Chin Chow

Not in Picture

Ir. Yam Teong Sian, Ir. (Dr.) Vigna Kumaran a/l Ramchandaramurthy

IEM SECRETARIAT
Urusetia IEM
**First Row (Seated) (L to R)**

Mr. Loo Weng Soon (Manager), Cik Shahrul Bahariah binti Sulaiman (Senior Manager), Ms. Sarita Kaur (Deputy Chief Operating Officer), Ir. Prof. Dr. David Chuah Joon Huang (Honorary Treasurer), Ir. Prof. Dr. Jeffrey Chiang Choong Luin (Deputy President), Ir. Prof. Dr. Norlida binti Buniyamin (President), Ir. Prof. Dr. Zuhaina binti Zakaria (Honorary Secretary), Ms. Janet Lim Kwai Cheng (Chief Operating Officer), Ms. Valli Saminathan (Manager), Puan Nurul Aida binti Mustafa (Assistant Manager)

Second Row (L to R)

Cik Nur Amira binti Mohidin, Puan Natasha Afzan binti Ahmad Kamal, Puan Ruhaida binti Daud, Cik Farezah binti Junaidi (Senior Executive), Ms. Samantha Hee Siaw Shen (Senior Executive), Puan Rahanum binti Mohamad (Senior Executive), Ms. Karen Ng Shiao Yin, Ms. Roselein a/p Lodo Samy (Senior Executive), Cik Norshafiqah binti Sha'ari (Senior Executive), Puan Suhana binti Omar, Puan Mirdeeliyani binti Amir, Cik Noor Afzan binti Che Abd Aziz (Senior Executive), Ms. Ooi Beng Ean

Third Row (L to R)

Cik Suriani binti Jali, Cik Farahidatul binti Rusli, Cik Ratnadayah binti Zaini, Puan Nurul Ezzaty binti Hosnan, Cik Nur Illyarnie binti Rosman, Ms. Shamalah a/p Sree Moorthy, Ms. Chan Ee Wey, Puan Norimah binti Md. Hashim, Puan Fatimah binti Mohd Abd Khadzar, Ms. Parimala a/p Maruthamuthoo, Miss Vintiyavaashini a/p Ganesan, Cik Norfathiyah binti Abdul Rashid, Puan Halimah binti Musa

Fourth Row (L to R)

Mr. Cyrus Tan Ji Hee, En. Abdullah bin Anda, En. Izharuddin Alradzi bin Mohamad Hairani, En. Muhamad Hairul bin Mazlan, En. Baharuddin bin Mohamad Suhaimin, En. Adam Sofri bin Muhd Sharum (Senior Executive)

Not In Picture

En. Azizi bin Ajik, Cik Siti Aisyah binti Saaey

IEM's EFFORT TOWARDS UNESCO's SUSTAINABLE DEVELOPMENT GOALS (SDG)

1. INTRODUCTION

The United Nations has sent out a clear message to all inhabitants of planet Earth, urging us to protect our valuable resources. This commitment was solidified in the Global Goals of 2015, with the ambitious aim for our world to achieve net-zero carbon emissions by 2050. Guided by the 17 Sustainable Development Goals (SDGs), we work towards meeting these targets, predominantly set for completion by 2030.

The introduction of the SDGs is a universal call for action by all to end poverty, protect the planet, and ensure that by 2030 all people enjoy peace and prosperity. As we find ourselves in the year 2024, time is of the essence, necessitating an acceleration of our action plan.

As the premier civil society organisation for engineers, IEM is poised to contribute our ingenuity, expertise, and technological prowess towards realising the SDGs for a brighter life and future.

The 17 SDG goals can be categorised into three overarching aspects: Social, Economic, and Environmental, with engineering serving as the cornerstone for each of these objectives.

(1) Social Aspect comprises of

- | | |
|------------------------------------|---------------------------|
| SDG 1 - No poverty | SDG 4 - Quality education |
| SDG 2 - Zero hunger | SDG 5 - Gender equality |
| SDG 3 - Good health and well-being | |

(2) Economic Aspect comprises of

- | | |
|--|---|
| SDG 8 - Decent work and economic growth | SDG 12 - Responsible consumption and production |
| SDG 9 - Industry, innovation, and infrastructure | SDG 16 - Peace, justice and strong institutions |
| SDG 10 - Reduced inequalities | SDG 17 - Partnerships for the goals |
| SDG 11 - Sustainable cities and communities | |

(3) Environmental Aspect comprises of

- | | |
|-------------------------------------|---------------------------|
| SDG 6 - Clean water and sanitation | SDG 14 - Life below water |
| SDG 7 - Affordable and clean energy | SDG 15 - Life on land |
| SDG 13 - Climate action | |

2. ACTIONS TAKEN BY IEM

2.1 Towards A Responsible Future (TARF)

To coordinate the work of all the Standing Committees and Technical Divisions in a concerted effort towards achieving the SDGs, IEM established a Task Force Towards a Responsible Future (TARF). The main objective of the TARF is to drive, oversee and coordinate the integration of SDG considerations into the IEM's operations, strategies, and decision-making processes.

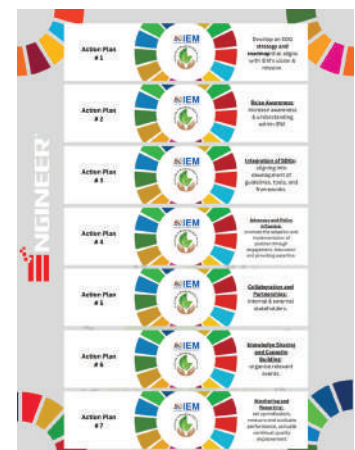
The TARF will work towards enhancing IEM's commitment for a responsible future and to ensure the results of the effort is tangible and aligned with IEM's Vision & Mission. The responsibilities of the Task Force include:

- Developing an SDG strategy and roadmap that aligns with IEM's vision & mission.
- Raising Awareness: increase awareness & understanding within IEM.
- Integration of SDGs: aligning into development of guidelines, tools, and frameworks.
- Advocacy and Policy Influence: promote the adoption and implementation of policies through engagement, discussion and providing expertise.
- Collaboration and Partnerships: internal & external stakeholders.
- Knowledge Sharing and Capacity Building: organise relevant events.
- Monitoring and Reporting: set up indicators, collecting relevant data, and preparing reports to track performance.



2.2 Roadmap and Action Plans

An effective SDG roadmap requires the commitment and involvement of all stakeholders within the Institution of Engineers, Malaysia. It is a dynamic process that requires continuous effort and dedication to drive positive change toward a responsible future.



2.3 Leave No One Behind

Report on action taken for SDG 4 - Quality Education. In this area, IEM had initiated our CSR programme since August 2023, where we visited the schools for Orang Asli children in the Selangor State and exposed the children to STEM with the Build Your Own Mini Solar Car project. We completed the programme at eleven schools in December 2023 with financial support from the Selangor State Government.

Under this project, the children are guided to assemble a Mini Solar car which they can then bring home to play with. Our aim is to convey the information on how Science can be exciting as well as nurture them in the need to preserve the environment. Upon completing the schools in Selangor, IEM will proceed to arrange the programme at other States.

We will be commencing with further follow up action which includes a workshop training for the teachers at indigenous schools to make teaching of science and mathematics more exciting.



2.4 Mapping of IEM Activities

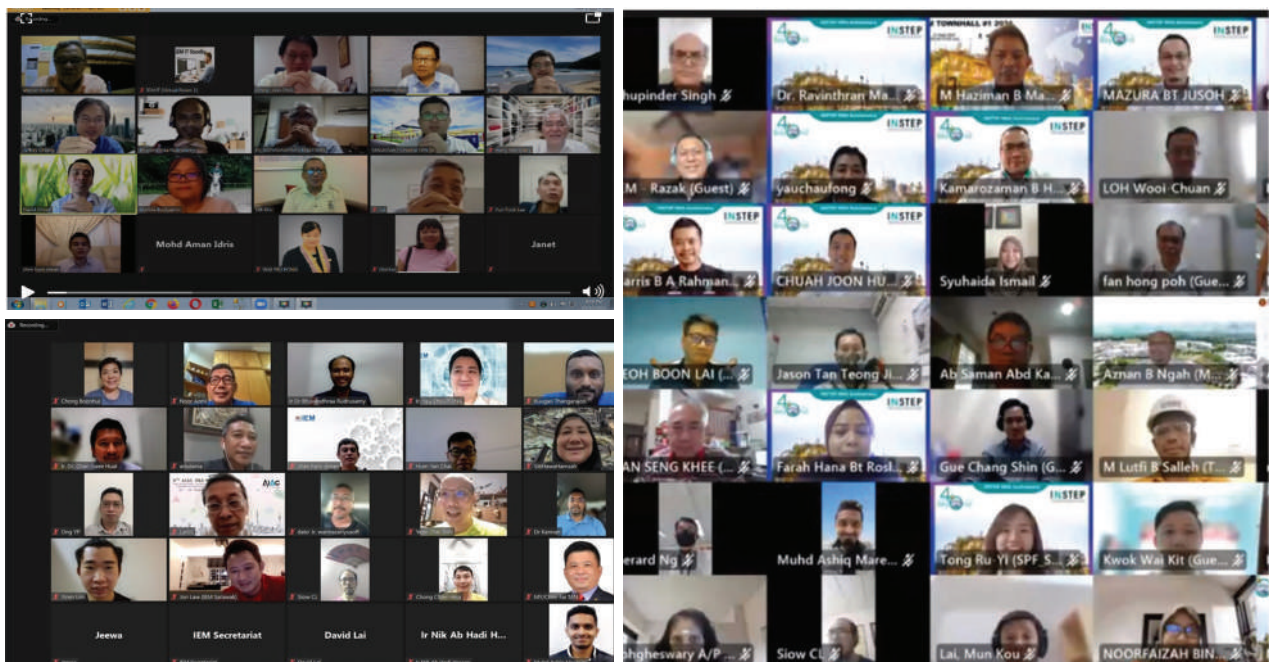
All activities conducted by IEM inherently align with at least one of the 17 Sustainable Development Goals (SDGs). However, it serves as a significant morale boost for members to recognise their contribution towards shaping a better world for future generations. This awareness fosters a sense of purpose, encouraging individuals to actively engage in activities that further the SDGs' objectives. Hence, the importance of mapping IEM's activities cannot be overstated. While seemingly minor, instilling this practice within the organisation, particularly during activity planning at technical divisions, special interest groups, sections, and branches, is crucial for cultivating a culture of sustainability and social responsibility.

2.5 Towards Renewable Energy

As part of this effort, both the IEM Buildings in Petaling Jaya – namely Bangunan Ingenieur and Wisma IEM is now equipped with solar panels. It is an effort to ensure we harness sustainable source of energy.

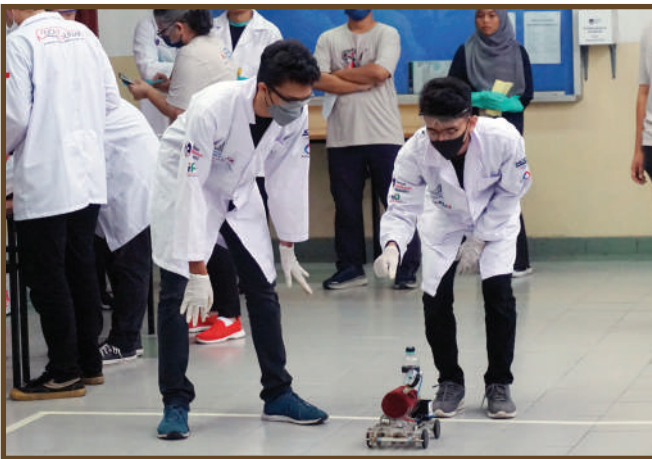
2.6 Webinars and Online Meetings

Webinars and online meetings represent a shift towards not only conserving resources, such as minimising travel and energy usage, but also embracing inclusivity to ensure equitable participation. It is vital to recognise that these platforms offer opportunities for members from all Branches to engage meaningfully. By enabling their involvement in activities and encouraging their contributions to the HQ Committees, we empower them to play a pivotal role in shaping our collective efforts. Moreover, fostering inclusivity means ensuring that the insights and ideas generated in these virtual spaces can be applied effectively at the grassroots level. This comprehensive approach underscores our commitment to active engagement and collaboration across all levels of our organisation.



SNAPSHOTS OF ACTIVITIES HELD IN SESSION 2023/2024
Gambar Activiti Sesi 2023/2024



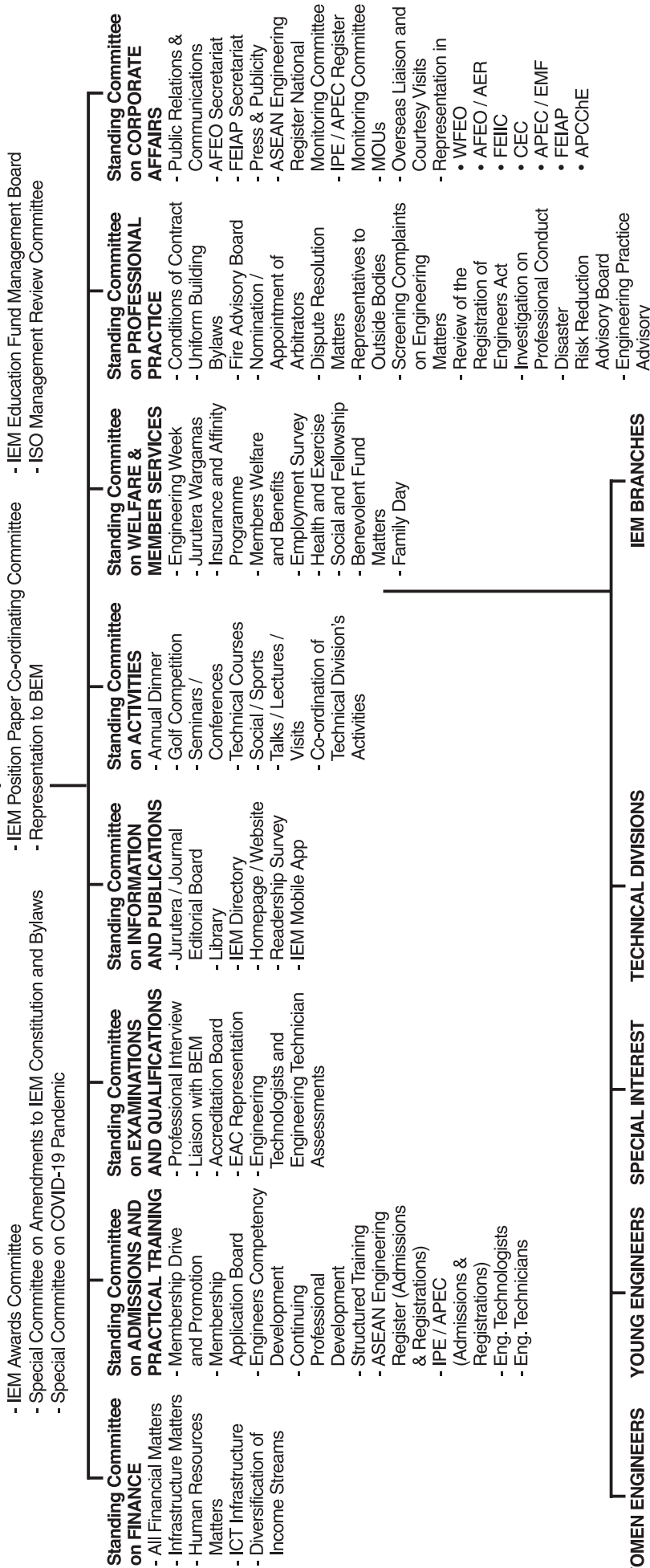


ORGANISATION CHART - SESSION 2023/2024
Carta Organisasi - Sesi 2023/2024

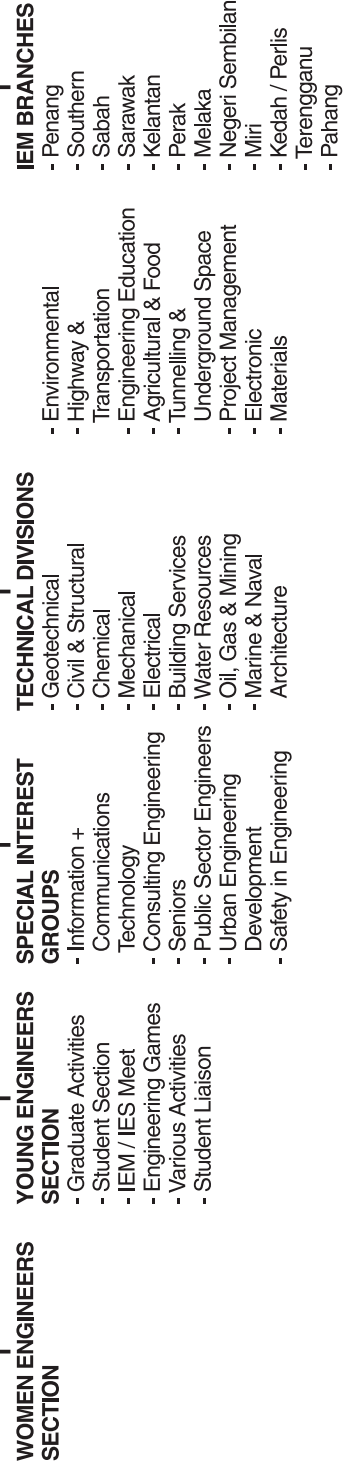
MEMBERS OF THE INSTITUTION

THE COUNCIL

THE EXECUTIVE COMMITTEE



WOMEN ENGINEERS SECTION



65th ANNUAL REPORT SESSION 2023/2024
Laporan Tahunan Ke-65 Sesi 2023/2024

1 INTRODUCTION

- 1.1 It is with great pleasure that I present to you the 65th Annual Report for session 2023/2024 covering the period 1 April 2023 until 31 March 2024.

2 MEMBERSHIP

- 2.1 The membership of the Institution as at 1 March 2024 now stands at 51,322. Comparative figures of the last five years are as follows:

Grade	2020	2021	2022	2023	2024
Distinguished Hon. Fellow	2	2	2	3	3
Hon. Fellow	27	27	27	27	27
Fellow	772	776	787	787	784
D. Member	1	1	1	1	1
Hon. Member	7	7	7	7	7
Senior Member	45	52	54	55	67
Member	11,647	11,389	10,950	10,989	11,080
Engineering Technologist Member	-	-	-	-	5
Engineering Technician Member	-	-	-	-	1
Senior Graduate Member	320	372	433	441	496
Graduate	9,441	9,099	8,846	8,097	8,011
Engineering Technologist Graduate Member	-	-	81	72	86
Engineering Technician Graduate Member	-	-	18	21	12
Incorporated	120	105	85	88	86
Affiliate	34	29	28	31	32
Associate	59	61	58	58	60
Student	31,419	25,167	25,257	27,637	30,564
Total	53,894	47,087	46,634	48,314	51,322

2.1.1 Membership by Branches:

	DHF	HF	F	DM	HM	SM	M	ETM	ETnM	SG	G	ETG	ETnG	IM	A	AM	S	TOTAL
Kedah-Perlis	0	0	9	0	0	1	268	0	0	12	260	4	0	1	0	4	1847	2406
Penang	0	1	31	0	0	5	578	1	0	34	506	5	2	5	1	3	1564	2736
Perak	0	2	24	0	0	2	426	0	0	17	481	8	2	10	3	2	2623	3600
Kelantan	0	0	5	0	0	2	117	0	0	4	91	1	0	0	0	0	1583	1803
Pahang	0	0	5	0	0	1	133	0	0	6	182	2	0	0	2	1	1347	1679
Terengganu	0	0	6	0	0	1	143	0	0	10	106	4	0	0	0	1	1181	1452
Sarawak	0	2	37	0	0	5	833	1	0	46	818	7	0	7	0	8	3885	5649
Miri	0	0	15	0	1	0	86	0	0	7	115	0	0	1	0	1	155	381
Southern	1	1	54	0	1	4	667	0	0	40	609	6	1	5	2	4	4814	6209
Melaka	0	0	9	0	0	2	179	0	0	10	175	0	0	1	0	1	1147	1524
N. Sembilan	0	0	14	0	3	0	293	0	0	25	310	6	1	2	0	1	1360	2015
Sabah	0	2	41	0	0	1	627	0	0	17	479	2	0	1	0	0	1146	2316
IEM HQ	2	16	516	1	2	41	6573	3	1	264	3860	41	6	51	23	34	7861	19295
Overseas	0	3	18	0	0	2	157	0	0	4	19	0	0	2	1	0	51	257
TOTAL	3	27	784	1	7	67	11080	5	1	496	8011	86	12	86	32	60	30564	51322

2.2 Breakdown by discipline is as follows:

Description	DHF	HF	F	DM	HM	SM	M	ETM	ETnM	SG	G	ETG	ETnG	IM	A	AM	S	TOTAL
Aeronautical	0	0	1	0	0	0	13	0	0	1	19	11	2	1	0	0	34	82
Aerospace	0	0	0	0	0	0	6	0	0	6	29	6	0	1	0	1	80	129
Agricultural	0	0	4	0	0	0	26	0	0	1	27	0	0	0	0	0	16	74
Architectural	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	4
Automotive	0	0	0	0	0	0	1	0	0	0	5	3	0	0	0	1	37	47
Biochemical	0	0	0	0	0	0	2	0	0	0	6	0	0	0	0	0	21	29
Bioengineering	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Biology & Agricultural	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Bio-Medical	0	0	1	0	0	0	13	0	0	2	23	0	0	1	0	0	239	279
Biotechnology	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2
Building	0	0	0	0	0	0	1	0	0	0	1	1	0	0	2	1	0	6
Building Services	0	0	0	0	0	0	12	0	0	0	0	0	1	0	0	0	0	13
Cad/Cam	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2
Chemical	0	0	23	0	0	3	348	0	0	39	611	4	0	4	3	0	2742	3777
Civil	0	12	445	0	0	24	5425	2	0	165	3294	12	1	19	3	23	7404	16829
Civil & Structural	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	4
Communication	0	0	1	0	0	0	11	0	0	1	12	0	0	0	0	0	40	65
Computer	0	0	1	0	0	1	7	0	0	0	12	1	0	1	3	0	108	134
Computer & Communication	0	0	0	0	0	0	4	0	0	0	3	0	0	0	1	0	5	13
Computer Systems	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	7	9
Construction	0	0	0	0	0	0	5	0	0	0	2	1	0	1	0	1	2	12
Control	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Control System	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Electrical	2	6	134	1	0	19	2334	1	0	79	1305	15	2	13	2	10	3853	7776
Electrical & Electronic	0	0	0	0	0	0	1	0	0	2	6	4	2	2	0	0	1209	1226
Electromechanical	0	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0	2	6
Electronic	0	0	14	0	0	5	355	1	0	49	475	5	1	15	3	5	3632	4560
Electronic & Radio	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	4
Energy	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2
Environmental	0	0	0	0	0	0	15	0	0	3	49	2	0	0	3	0	85	157
Food & Process	0	0	0	0	0	0	3	0	0	0	6	0	0	0	0	0	0	9
Fuel	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
General	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Geological	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	3
Geotechnical	0	0	1	0	0	0	34	0	0	0	1	0	0	0	2	0	3	41
Highway	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
Highway & Transport	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
Hydraulic	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Industrial	0	0	0	0	0	0	8	0	0	2	6	0	0	1	0	0	27	44
Information System	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Information Technology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Infrastructure Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14
Instrumentation & Control	0	0	0	0	0	0	59	0	0	0	2	0	0	0	0	0	1	62
Intergrated	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
Manufacturing	0	0	0	0	0	0	41	0	0	5	98	1	0	1	0	1	850	997
Manufacturing Systems	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
Marine	0	0	0	0	0	0	18	0	0	0	17	0	0	0	0	1	0	36
Materials	0	0	2	0	0	0	23	0	0	2	36	0	0	1	2	0	187	253
Mechanical	0	3	140	0	0	14	2088	1	1	122	1742	10	3	22	3	12	8467	12628

Mechanical System	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	3
Mechanics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Mechatronics	0	0	0	0	0	0	17	0	0	5	103	4	0	0	0	1	1134	1264	
Metallurgy	0	0	1	0	0	0	6	0	0	0	6	0	0	0	0	0	1	14	
Microelectronic	0	0	0	0	0	0	0	0	0	0	2	0	0	1	1	0	3	7	
Mineral	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	
Mineral Processing	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2	
Mineral Resources	0	0	0	0	0	0	9	0	0	2	15	0	0	0	0	0	15	41	
Mining	0	0	5	0	0	0	22	0	0	1	6	0	0	1	0	0	0	35	
Mining & Metallurgy	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Municipal	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
Naval Architecture	0	0	0	0	0	0	12	0	0	2	4	1	0	0	0	0	22	41	
Nuclear	0	0	1	0	0	0	1	0	0	0	4	0	0	0	0	0	16	22	
Others	1	6	0	0	7	0	4	0	0	0	4	2	0	0	1	0	5	30	
Petroleum	0	0	2	0	0	1	11	0	0	5	38	0	0	0	0	0	191	248	
Polymer	0	0	0	0	0	0	2	0	0	0	7	0	0	0	0	0	50	59	
Process	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	
Production	0	0	1	0	0	0	9	0	0	1	3	0	0	0	0	0	0	14	
Structural	0	0	2	0	0	0	46	0	0	1	6	0	0	0	0	0	3	58	
Systems	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	
Telecommunication	0	0	0	0	0	0	28	0	0	0	6	0	0	0	1	2	29	66	
Textile	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
Traffic	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	
Transport	0	0	1	0	0	0	8	0	0	0	0	0	0	0	0	0	1	10	
Water Resources	0	0	1	0	0	0	24	0	0	0	0	0	0	0	0	0	2	27	
	3	27	784	1	7	67	11080	5	1	496	8011	86	12	86	32	60	30564	51322	

2.3 Deaths and resignations during the session are tabulated as follows:

Grade	Deceased	Resigned
Hon. Fellow	-	-
Fellow	7	-
Member	10	7
Senior Graduate	-	-
Graduate	1	18
Engineering Technologist Graduate Member	-	-
Incorporated Member	-	-
Affiliate	1	1
Student	-	10
Total	18	37

2.4 To date, 2,693 members are in arrears of subscription for the year 2023. The total arrears in subscription for this particular year was recorded at RM393,488. The Council would look into deleting their names from the membership register if the arrears were not settled by mid 2024.

2.5 For the session under review, a total of 281 members were reinstated compared to 462 in 2022. The details are as follows:

Senior Member	1
Member	69
Senior Graduate	2
Graduate	206
Engineering Technologist Graduate Member	1
Incorporated	1
Affiliate	1

3 THE COUNCIL AND THE EXECUTIVE COMMITTEE

- 3.1 Five Council meetings, one Extraordinary Council meeting and thirteen monthly Executive Committee (Excomm) meetings were held during the session to look into the management of the properties and affairs of the Institution.
- 3.2 I wish to thank all members of the Council, Executive Committee, Standing Committees, Branches, Technical Divisions, Special Interest Groups, Sections, Sub Committees, Ad Hoc Committees and other Committees for their participation, contribution and support in the activities of the institution in the furtherance of its objective to promote the science and profession of engineering in the spirit of a learned society.
- 3.3 I must also express a vote of thanks to the various members who may not have served on the above Committees, but voluntarily served as IEM representatives to the various government bodies and organisations.

4 STANDING COMMITTEE ON FINANCE

- 4.1 The role of the Standing Committee chaired by the Deputy President, Ir. Prof. Dr. Jeffrey Chiang Choong Luin is to conduct the financial management of the properties and affairs of the IEM. Regular meetings were held every 3rd Thursday of the month.
- 4.2 **Main Sources of Income**

4.2.1 **Annual Subscription**

IEM continued to depend largely on the collection of members' annual subscriptions to finance its operating expenditure. For the year 2023, income from annual subscriptions stood at approximately 54% of the total income compared to 61.1% in 2022, 64.1% in 2021, 65.8% in 2020, 70% in 2019, 65% in 2018, 51% in 2017 and 57% in 2016. Based on this trend, IEM's dependence on annual subscriptions collection is reducing. This is due to various efforts to diversify IEM's income.

In accordance with the Bylaws, reminders to members on their annual subscription payments were sent out by the Institution in June, September and November each year. As an incentive to members who pay their subscriptions early, IEM also conducted lucky draws for those who pay before 31 March 2023. A total of 100 smart watches were allocated for the lucky draw. For the year 2023, 86.4% of the members had settled their subscriptions by the end of the year. IEM wish to thank all members who had promptly settled their subscriptions.

As at the end of the financial year 2023, 2,693 members are in arrears of subscription for 2023 compared to 2,840 in 2022. The total outstanding collection for the year amounted to RM393,488 compared to RM411,580 in 2022.

4.2.2 **Rental**

Wisma IEM continued to be rented out to generate income. Merdeka Strategic Development Centre Sdn Bhd's rental of the first and second floor of Wisma IEM was renewed for another two years. Rental rate was increased by 10% since January 2022 as provided for in the agreement. Another tenant, EJAB Engineering Sdn Bhd took about 1,000sf of space at first floor of Wisma IEM up to November 2023 but decided not to continue the tenancy upon expiry.

The ground floor of Bangunan Ingenieur continue to be rented out to Pizza Hut at a monthly rental of RM15,995.30. Pizza Hut's tenancy was renewed in November 2022 for another two years. However, again due to the challenge faced by the outlet, Excomm had accepted their appeal to maintain the rental rate for the first year of the term. In view of further impacts on their business, Pizza Hut had written to request for free rental for the whole 2024 to which the Standing Committee had rejected.

4.2.3 **Activities Income**

Most of IEM's activities had reverted to physical since the start of 2023. Nevertheless, to benefit members outside of Klang Valley, some of the important or interesting courses/talks continue to be arranged either virtually or via hybrid mode.

The Technical Divisions generated an income of RM458,548 for the year 2023 compared to RM570,377 in 2022 and RM343,461 in 2021. The Standing Committee on Finance wish to thank the Technical Divisions for their tremendous efforts.

4.2.4 **Diversification of Income Streams**

In an effort to reduce IEM's dependency on annual subscriptions, the Standing Committee had embarked on an initiative to look into diversification of IEM's income streams since 2020. Some of the income streams identified were:

- (i) Organising an annual IEM/Engineering Exhibition
- (ii) Providing advertising opportunities to generate more income for IEM
- (iii) Sale of Publications

For session 2023/2024, the Standing Committee decided to explore another new income stream i.e. Sale of IEM Merchandise. Members can access the IEM website to check out the available merchandise for sale.

The partnership which IEM established with exhibition organizer, CIS Network Sdn Bhd continued into its third year in 2024. The second edition of the IEM Convention and ENGINEER exhibition was held from 6 to 9 September 2023 at Kuala Lumpur Convention Centre and brought in an income of RM232,751 to IEM in 2023. In conjunction with the exhibition, IEM Technical Divisions also organised six symposiums which generated a total surplus of RM116,254.19. This is a commendable effort by the Technical Divisions with the full support of IEM Secretariat.

In addition, the following IEM Publications comprising three sets of Guidelines are currently on sale:

- IEM Guideline on Testing and Commissioning of Fire Protection Systems
- IEM Guideline on Flood Abatement Equipment – Engineering Guide of Designation, Testing and Documentation
- IEM Guidelines on the Prevention and Control of Dengue

These guidelines are now available for sale and members can check with IEM Secretariat for more information.

The latest addition to the IEM new income streams is the IEM VOD (Video on Demand) where some of the past webinars or recorded talks or lectures are available for viewing. Members and the public may subscribe to the IEM Youtube Channel for these videos.

4.3 **Administrative Expenses**

In order to control expenses and at the same time, provide adequate services to members, the Standing Committee implements strict but effective budgetary control measures. Total expenses incurred in 2023 was RM5,192,592 compared to RM4,647,800 in 2022, RM4,680,990 in 2021, RM4,816,193 in 2020 and RM5,170,734 in 2019. As the activities of all Committees are back to normal, expenditures have reverted to pre-pandemic times. The spending is however managed prudently so as to ensure IEM is able to sustain itself.

4.4 **Sub Committee on Human Resources**

The Sub Committee chaired by the Honorary Secretary, Ir. Prof. Dr. Zuhaina Zakaria continued to look into the recruitment and deployment of staff for the Secretariat. Meetings were regularly held to deal with matters relating to Human Resource of Secretariat. As of 31 December 2023, the Secretariat's staff strength was 38 including two staff under the International Office that is financed by AER, FEIAP and APEC Engineers Register.

For the year 2023, the following staff received their Long Service Award for serving ten years in IEM:

- Cik Farezah binti Junaidi
- Cik Norshafiqah binti Sha'ari
- Puan Mirdeeliani binti Amir

4.5 **Sub Committee on IEM Infrastructure**

The Sub Committee chaired by the Honorary Treasurer, Ir. Prof. Dr. David Chuah Joon Huang continued to monitor the maintenance and renovation of Bangunan Ingenieur and Wisma IEM. The function of the Sub Committee also covered managing the usage of the meeting rooms, security system of IEM, fire protection, electrical installations, ICT computerisation and networking, general facilities, etc. For the year 2023, the Sub Committee continued to look at improving the facilities for IEM to conduct webinars and virtual meetings as well as the physical condition of the buildings in view that physical activities will resume.

After studying various proposals and feasibility of offers from various service providers, IEM successfully installed solar panels for Bangunan Ingenieur as well as Wisma IEM. Further to the installation, IEM is currently able to save approximately RM2,000 in electricity bills for Bangunan Ingenieur which houses the main operations of IEM. The Sub Committee is still looking into rainwater harvesting facilities as IEM continues to promote sustainability.

The Standing Committee acknowledges that there are still some shortcomings to the facilities and will continue to look into further improvement within the constraints of the Institution's finance.

4.6 Sub Committee on IEM IT Infrastructure

Ir. Amir Hussein bin Jaafar was appointed to chair the Sub Committee for this session. Tasked to look into the IT Infrastructure of IEM, the Sub Committee had put up a Proposal for Upgrading of IEM Webportal Infrastructure. The Sub Committee is working with the Standing Committee on Information and Publications as well as the ICT Special Interest Group on this project.

5 STANDING COMMITTEE ON ADMISSIONS AND PRACTICAL TRAINING

5.1 Ir. Dr. Siti Hawa binti Hamzah took over the Chairmanship for the Standing Committee for the session 2023/2024. The main role of this Standing Committee was to scrutinise applications for candidates applying for election/admission/transfer to the various grades of membership. This Standing Committee also worked closely with the Standing Committee on Examinations and Qualifications in organising awareness talks relating to Corporate membership / Professional Engineer and career in engineering.

5.2 Up to 31 December 2023, a total of 4,750 candidates were approved for election, admission and transfer to the various grades as listed below:

	2021	2022	2023
(a) Transferred to the Grade of Distinguished Hon. Fellow	-	-	-
(b) Elected to the Grade of Hon. Fellow	2	-	-
(c) Transferred to the Grade of Fellow	19	4	9
(d) Admitted/Transferred to the Grade of Senior Member	8	6	12
(e) Approved to sit for the Professional Interview	145	357	288
(f) Approved to sit for the Technologist Competency Assessment *new	-	-	2
(g) Approved to sit for the Technician Competency Assessment *new	-	-	7
(h) Admitted/Transferred to the Grade of Senior Graduate	115	80	95
(i) Admitted/Transferred to the Grade of Graduate	1194	859	841
(j) Admitted/Transferred to the Grade of Incorporated Member	15	10	15
(k) Admitted/Transferred to the Grade of Engineering Technologist Graduate	83	28	27
(l) Admitted/Transferred to the Grade of Engineering Technician Graduate	21	5	0
(m) Admitted to the Grade of Affiliate	1	4	4
(n) Admitted to the Grade of Associate	13	16	14
(o) Admitted to the Grade of Student	1553	2697	3436
Total	3167	4066	4750

A total of two hundred and sixty-one (261) applications had been approved to sit for the Professional Assessment Examination (PAE) for the year 2023.

5.3 Sub-Committee on Membership Applications Board (MAB).

Ir. Dr. Lee Yun Fook continued to chair the Sub-Committee for the sixth session 2023/2024. The Sub-Committee also continued its role of vetting and assessing applications for the various grades of membership of the Institution.

5.3.1 Processing of AER, AAE and IPE/APEC International Engineer Register Applications

The Membership Applications Board's also vetted and recommended applications from members for their Asia-Pacific Economic Co-operation Engineer Register / International Professional Engineers Register, ASEAN Engineer, Associate ASEAN Engineer and Associate ASEAN Technologist's membership. The following is the breakdown of applications for these Registers:

- 24 approved for the Asia-Pacific Economic Co-operation Engineer Register / International Professional Engineers Register (APEC/Int.PE)
- 1 approved for the International Engineering Technologist Register (Int. ET) *new
- 3 approved for ASEAN Engineer (AE)
- 15 approved for Associate ASEAN Engineer (AAE)
- 1 approved for Associate ASEAN Technologist (AAET)

5.4 Sub-Committee on Membership Drive and Promotions

Ir. Prof. Dr. Lau Hieng Ho continued as Chairman of the Membership Drive and Promotion Sub-Committee (MDP) for the 2023/2024 session with the mandate to increase the number of IEM members by resuming physical membership drive activities and building engagement with IEM Branch and Student Section.

MDP representatives continuously conduct talks on topics such as 'Introduction to IEM' and 'Route to MIEM' via online webinars and physical talks. This also includes subjects relating to current issues and developments in the engineering field.

Throughout the year, MDP managed to conduct physical membership recruitment at 22 universities and 2 polytechnics.

Other than membership drive recruitment, MDP also was invited as an exhibitor at external events to raise awareness and create interest in IEM, such as Selangor Aviation Show (SAS) Skypark 2023, Women in Search of Engineering Excellence Event- NXP Malaysia (2023), MyAero Summit 2023, BEM Convention 2023 and ENGINEER Convention KLCC 2023.

i. Physical Membership Recruitment in Institution of Higher Learning (IHL) 2023

1 st Half Year	Universiti Putra Malaysia UiTM Cawangan Terengganu, Kampus Bukit Besi UiTM Cawangan Terengganu, Kampus Dungun MAHSA University, UOW Malaysia KDU, Monash University UNITEN Putrajaya, Monash University, UiTM Shah Alam, UTeM Melaka, TAR UMT, Xiamen University UTAR Sg. Long, Sunway University
2 nd Half Year	Taylor's university, University of Nottingham Malaysia Asia Pacific University of Technology & Innovation (APU) University Teknologi Malaysia (UTM) Universiti Tun Hussein Onn Malaysia (UTHM) Universiti Tun Hussein Onn Malaysia (Pagoh) (UTHM) Universiti Malaysia Pahang (UMPSA), Gambang campus Universiti Malaysia Pahang (UMPSA), Pekan campus Politeknik Tun Syed Nasir Syed Ismail, Pagoh Kolej Kemahiran Tinggi MARA, Lenggong

ii. Formation of new IEM Student Section

Several universities had successfully established their IEM Student Section as follows:

- IEM-XIUM STUDENT SECTION – Xiamen University Malaysia
- IEM-UM STUDENT SECTION – University Malaya
- IEM-UiTM TERENGGANU STUDENT SECTION – Universiti Teknologi MARA
- IEM-IUKL STUDENT SECTION – Infrastructure University Kuala Lumpur
- IEM-UTS STUDENT SECTION – University of Technology Sarawak

iii. Awareness talk "Introduction to IEM" and "Route to PE"

A series of awareness talks for students were arranged during every physical recruitment exercise at the IHLs. Several invitations from the industry such as Mott MacDonald (M) Sdn Bhd and TM Network Operation Centre (TM NOC) were also received for IEM to deliver talks related to Introduction to IEM and Route to PE.

5.5 Sub Committee on IEM Log Book Training Scheme

The Sub-Committee continue to be chaired by Ir. Mohd Azha bin Abu Samah for session 2023/2024. The primary responsibilities of the Sub-Committee were to assess and confirm the logbooks prepared by the mentees after being reviewed and endorsed by their respective mentors. The logbooks were prepared to record and document the competencies element progress and practical working experience of the mentees' during their career as an engineer. It is also to ensure that the experience obtained can lead the engineer to accumulate adequate competency elements, experience, and readiness to sit for the Professional Interview. The logbooks are to be in conformance to the requirements of the IEM's Engineering Competency Development (ECD) Guidelines. A total of seventy-three (73) logbooks were reviewed and recommended for endorsement by the Standing Committee Admissions and Practical Training (APT) in year 2023.

The Sub-Committee also continued to conduct various activities as part of the effort to revamp the Mentor-Mentee programme's quality in IEM. The activities recorded are as follows:

(a) Engagement Sessions

ECD had conducted two (2) Webinars entitled “ECD Engagement Session - Route to Professional Engineer” which was organized on 25th February 2023 and 29th July 2023. Another two (2) e-Workshops entitled “Virtual ECD Workshop-Route to Professional Engineer” were organized on 20th May 2023 and 21st October 2023.

(b) IEM's Top Mentor Award 2023

The Sub-Committee continued to organise this award as part of the effort to recognize mentor's contribution to the organization. This is an exercise where mentees can nominate their mentor to be recognized as top mentor in the IEM. Below are the top five (5) winning Mentors:

No	Name	Membership No	Discipline
1	Ir. Chuah Rhun Riang	M26229	Electrical
2	Ir. Dr. Law Chung Lim	M22672	Chemical
3	Ir. Dr. Mui Kai Yin	F18773	Mechanical
4	Ir. Dr. Mohd Rayme bin Anang Masuri	M24442	Civil
5	Ir. Lau Eng Kee	M21721	Civil

5.6 **IEM Training Board**

The IEM Training Board chaired by Ir. Dr. Ng Soon Ching continued to deal mainly with the approval of the training programmes in relation to the requirement of BEM's Continuing Professional Development (CPD) for Professional Engineers.

The main task of the Training Board is to evaluate the training programmes organised by the various IEM Committees and Branches. The Training Board is also responsible for the approval of CPD hour applications from external training providers. In addition, the Training Board conducts audits on the selected programmes for verifying conformity.

Records for the year 2023 were summarised as follows:-

	Total application received (nos.)	Total application approved for CPD hours (nos.)	Total CPD hours granted (nos.)
IEM own programmes	556	551	2038
External training providers programmes	68	68	425

5.7 **Special Committee on Structured Training**

Ir. Hj. Mohd. Radzi Salleh continued to chair the Special Committee on Structured Training for session 2023/2024 for the ninth session. The purpose of the Structured Training programme was to assist the graduate members/engineers who lacked design experience to gain the relevant experience to enable them to be eligible to sit for the Outcome Based Professional Interview.

SULRT3 (MRCB) - IEM Structured Programme Towards Professional Engineer (PE) Registration (previously known as Joint Collaboration with MRCB-George Kent)

In 2023, IEM successfully secured a special project funded by Technology Depository Agency (TDA), an entity under the auspices of the Ministry of Finance. With nine Letter of Awards (LoAs) signed between IEM and MRCB's Sub-contractors, this Structured training programme was organized over a 6-month period (24 Saturdays), starting from 22nd July 2023 and expected to be completed on 24th February 2024.

Seventy-seven (77) engineers were selected to join this Structured training programme by their respective organizations, mainly from the rail industry under LRT3 project. This is the highest number of participants achieved so far since the introduction of this structured training programme in 2014.

5.8 **Engineering Technologist and Technician Sub Committee (ETSC)**

Ir. Ricky Liew chaired this Sub Committee (ETSC) for session 2023/2024. ETSC continued to organise numerous membership drive activities with universities, colleges and industry players to promote IEM's Engineering Technologists and Engineering Technicians Graduate membership grades.

Memberships & Promotion

Below is the total membership report until December 2023:

Type of Membership	Total
Engineering Technologist Graduate	137
Engineering Technologist Member	4
Engineering Technician Graduate	25
Engineering Technician Member	1

The 'ETSC Networking Session 2023 & Jamuan Hari Raya' was successfully organized on 20 May 2023 at Wisma IEM. The session started with a special talk conducted by the guest speaker, Tuan Mohd Fuad Sharuji, former Crisis Director for MH370 & MH17 (MAS) and attended by 30 participants. The participants were later invited to attend the Jamuan Hari Raya at the D'Place, Wisma IEM.

Throughout the year, ETSC managed to conduct talks at Jabatan Keselamatan Dan Kesihatan Pekerjaan Selangor (JKKP) and membership recruitment at new institutions such as UTHM Pagoh Campus, Politeknik Tun Syed Nasir (PTSN) and Kolej Kemahiran Tinggi Mara (KKTM) Lenggong.

During the MYAERO Summit 2023 on 16 November 2023 at Kuala Lumpur Convention Centre, the Networking Session Forum for Engineering Technologists or Technicians was organised on the second day. The collaboration event with Malaysia Airlines Licensed Aircraft Engineers (AMALAE) with the theme, "Unveiling Malaysia Aviation Engineering Golden Era" featured a group of panelists from former technocrats of MAS engineering who are active in regional aviation consultancy. The forum was attended by more than 40 participants.

Prior to the networking forum, IEM also signed a Memorandum of Understanding (MoU) with NAICO (National Aerospace Industry Corporation) during the opening ceremony on the first day of MYAERO. This partnership is potentially to develop experts in engineering, technologist and technicians with emphasis on innovation and technology in the aerospace sector towards a global leader in aerospace manufacturing and services.

On 29 November 2023, the MoU signing between IEM and Jabatan Pendidikan Politeknik dan Kolej Komuniti (JPPKK) was held during the "Persidangan Meja Bulat YB Menteri Pendidikan Tinggi Bersama Majlis Penasihat Industri Politeknik (PIAC)" at Hotel Sama Sama, Sepang. This year's theme, 'Empowering Future TVET Talent Development towards Meaningful Employment and Progressive Income' brought together 20 industry representatives to give input and suggestions to the polytechnics in line with the 12th Malaysia Plan (12MP). This initiative will help to expand IEM membership to polytechnics and community college students.

6. STANDING COMMITTEE ON EXAMINATIONS AND QUALIFICATIONS

6.1 For the session 2023/2024, Ir. Fam Yew Hin was appointed as the Chairman of the Standing Committee. The main responsibility of this Standing Committee was to conduct all examinations of the Institution and to assess qualifications of applicants or institutions of higher learning as may be required from time to time.

In addition, the Standing Committee was to regulate the professional interviews as well as working closely with the Engineering Accreditation Council (EAC) on the accreditation of the Engineering Degree programmes. This Standing Committee also works with Engineering Technology Accreditation Council (ETAC) on the accreditation of the Diploma/Degree in Engineering Technology programmes.

For the new session, the Standing Committee introduced a new initiative to revitalise the entire Professional interview (PI) process. The initiatives will concentrate on strengthening the quality of the Interviewers, promoting PI and on enhancing the overall PI process.

6.2 Professional Interview Board

Ir. Arul Hisham bin Abdul Rahim was re-appointed as the Chairman of the Professional Interview Board (PIB) for session 2023/2024. The main responsibility of the PIB is to co-ordinate the professional interviews held by the Head Office as well as IEM Branches.

The PIB also conducts the Professional Assessment Examination (PAE) on behalf of BEM. BEM conducted an audit on IEM's process on 27 December 2022 and 3 May 2023. The new BEM's Outcome Based PAE (OB PAE) candidates have also started being assessed by BEM-approved examiners since Quarter 4 of 2023.

Continuous efforts are currently being formulated to harmonise IEM's PI and BEM's PAE. In addition, the PIB is also in the process (in phases) to improve IEM's delivery by:

- i. Improvement in PI/PAE process timeline
- ii. Collection of interviewers' database to ensure proper matching of interviewers to candidate's background
- iii. Ensuring quality and standardization of interviews through internal audits on passed candidates besides regular reviews/moderation on failed candidates
- iv. Reviews on Technical and Code of Professional Conduct essays examination process

- v. To establish online system for assignment of interviewers and tracking of status
- vi. To explore on the feasibility of online virtual interview in the longer term

All the above requires cooperation from all stakeholders to ensure successful implementation. The PIB would like to thank all interviewers and reviewers who had contributed their effort and time for making the PI process successful.

6.2.1 **Professional Interviews**

The results of the professional interviews conducted from January-December 2023 were recorded as follows:-

Application approved by MAB	Failed	Passed	Pending interview/result
346	51	209	79
	19.6%	80.4%	-

6.3 **IEM Accreditation Board**

Ir. Emeritus Prof. Dr. Zainal Abidin Ahmad continued as Chairman for the IEM Accreditation Board for session 2023/2024. The role of the IEM Accreditation Board is to assist the Engineering Accreditation Council (EAC). IEM is one of the constituents of the EAC to evaluate local Engineering Degree programmes offered by both private and public Institutions of Higher Learning (IHLs) in the country.

The Accreditation Board also took charge of compiling and channeling the reports on the Diploma/Degree Engineering Technology programmes for Accreditation/Continuing/Provisional Accreditation from the various Institutions of Higher Learning by Engineering Technology Accreditation Council (ETAC) to the Standing Committee for information.

6.4 **Sub Committee on Professional Interview Development**

The Sub Committee chaired by Ir. Hj. Mohd Aman bin Haji Idris worked closely with the Professional Interview Board, particularly in conducting Outcome Based Professional Interview workshops for candidates as well as the Interviewers and Assessors. The Sub Committee is also responsible to look into further improvement to the process and analysing the shortcomings or problems.

During the year 2023, the Sub Committee organised the following workshops:

- Half-day webinar on 'Outcome Based Professional Interview' on 18 March 2023
- Interviewer workshop (Physical, Wisma IEM) on 18 March 2023
- Interviewer workshop (Physical, IEM Sarawak Branch) on 31 March 2023
- Half-day webinar on 'Outcome Based Professional Interview' on 1 April 2023
- Interviewer workshop for IEM Sabah Branch (via virtual platform) on 12 May 2023
- Interviewer workshop (Physical, Wisma IEM) on 18 November 2023
- Train the Trainer session (Physical, Wisma IEM) on 25 November 2023

For the session 2023/2024, the Sub Committee was assigned with the task to look into an improved framework for PI and the main focus for the new session was specifically on the Interviewers development.

The Sub Committee also took initiatives to enhance the PI A300 PE application form by providing clearer information, particularly regarding the endorsement in the submitted documents.

6.5 **Professional Interview Advisory Panel**

Ir. Ng Yong Kong was re-appointed as Chairman for the Professional Interview Advisory Panel for PI Candidates for the session 2023/2024. The main responsibility of this panel is to offer assistance, advice and guidance to both failed PI candidates and potential candidates who wish to sit for Professional Interview (PI).

All candidates who had failed the PI would be automatically referred to this Panel. The Panel would contact the candidates and if they are agreeable to seek the panel advice, the panel members will provide necessary assistance - especially on areas where the candidates may require guidance.

For the year 2023, the Professional Interview Advisory Panel arranged a special tutorial session for some of the unsuccessful candidates. The objective of this tutorial was to help candidates gain a better understanding of their weaknesses.

The Committee also organised a one-day workshop on Outcome-Based Professional Interview for PI candidates on 21 October 2023.

6.6 Engineering Technologist and Engineering Technician Competency Assessment Board (TCAB)

Ir. Fam Yew Hin was re-appointed as the Chairman for TCAB for session 2023/2024.

In order to support the recruitment of Engineering Technician Member, and to provide guidance to potential applicants to Engineering Technician Competency Assessment (TnA), TCAB conducted several Guide the Applicants sessions on 18 February 2023, 25 February 2023 and 8 July 2023.

An introductory meeting was convened on 20 July 2023 by the International Engineering Technologists Agreement (IETA)/ Agreement for International Engineering Technicians (AIET) Committee and Reviewer Team for IEM's application for Authorised Membership in IETA and AIET. During the meeting, the Chairman presented an overview of the Engineering Technologist Competency Assessment (TCA) and TnA processes. At the same time, discussion was held with regard to the timeline for review as well as for the documentation submission to the IEAT/AIET Reviewers.

TCAB had submitted the first set of the TCA/TnA recordings and the candidates' documents in August 2023, with the full submission completed in early December 2023. A total of fourteen (14) candidates, seven (7) each for TCA and TnA were successfully submitted to IETA/AIET Reviewers.

7 STANDING COMMITTEE ON INFORMATION AND PUBLICATIONS

7.1 Ir. Abdul Razak bin Yakob continued his Chairmanship for the Standing Committee on Information and Publications for Session 2023/2024. The Standing Committee is responsible for publishing the IEM monthly Jurutera, the bi-annual IEM Journal, IEM Mobile App, Members Engagement and the IEM Resource Centre. The Standing Committee's focus for the session was on Members Engagement, Sustainability and Inclusion.

7.2 Jurutera

The Chief Editor and Bulletin Editor for the session were Ir. Abdul Razak bin Yakob and Ir. Razmahwata Mohamad Razalli respectively. Twelve issues of the bulletin were published for the year 2023. The titles for the issues are:

Month	Title	Month	Title
January	<i>The Malaysian Aviation Industry: Through the Lens of an Engineer</i>	July	<i>Concrete: Design for Resilience and Sustainability</i>
February	<i>Engineering Education for a Sustainable Future</i>	August	<i>Emerging Technologies: Artificial Intelligence in Engineering</i>
March	<i>Accelerating Change: Transforming the Water Sector</i>	September	<i>Hydrogenising a New Era</i>
April	<i>Sustainability of Urban Development</i>	October	<i>Slope Engineering</i>
May	<i>Continuing the Pursuit for Sustainability</i>	November	<i>Managing Environmental, Social and Governance (ESG) Risk in Oil & Gas Industry</i>
June	<i>Environmental, Social & Governance (ESG) & Engineering Digital Transformation</i>	December	<i>Decarbonising of Marine Transport</i>

7.3 Journal

Ir. Dr. Teo Fang Yenn was re-appointed as the Principal Journal Editor for session 2023/2024.

The IEM Journal (Journal of the Institution of Engineers, Malaysia) is a biannual peer-reviewed publication. Its primary objective is to disseminate theoretical and groundbreaking research, along with its practical applications. The journal serves as a vital platform, showcasing significant outcomes in the various fields of engineering disciplines and industry to the global community.

Vol. 84, No. 1 (June 2023) has been completed and Vol. 84 No. 2 (December 2023) is in progress, nearing finalization for printing. The Journal Editorial Board (JEB) had implemented various measures to improve the quality and elevate the IEM Journal's profile for inclusion in indices such as SCOPUS Indexing, Malaysian Citation Centre (MyCite) and ASEAN Citation Index (ACI).

IEM Journal has proudly been accepted as a member of the Directory of Open Journals (DOAJ) on 2 May 2022. DOAJ is a community-curated list of open access journals. The mission of DOAJ is to "increase the visibility, accessibility, reputation, usage and impact of quality, peer-reviewed, open access scholarly research journals globally, regardless of discipline, geography or language".

The IEM Journal is also a member of Crossref, which assigns every issue and every paper of the Journal with a Digital Object Identifier (DOI). Empowered by DOI, research objects published in IEM Journal are now easier to find, cite, link, assess, and reuse.

IEM renews its membership with iThenticate on a yearly basis. iThenticate is a plagiarism detection service for the corporate market, from Turnitin, LLC, which also runs Plagiarism.org.

The Committee welcomes submissions to the IEM Journal from prospective reviewers and authors contributing papers. Please submit your work via email to pub@iem.org.my or refer to the IEM website at <https://iemjournal.com.my> for more information. The benefits include:

- Being part of the 60-year-old IEM Journal
- Participation in a double-blind peer-reviewed Journal
- Contribution to the application for indexing
- Access to a prominent International Advisory Board
- Recognition as a Researcher or Professional
- Enjoying incentives for every published paper (Terms and Conditions apply)

7.4 **Members Engagement (fka Sub Committee on Web portal)**

Under the chairmanship of Ir. Adbul Razak Yakob supported by Ir. Alex Looi Tink Huey, this Committee looks into the following portfolio:

- (a) Sembang Chillex Series;
- (b) IEM Web Portal/Website; and
- (c) IEM Project Blue Sapphire, a Commemorative 65th Anniversary Coffee Table Book

7.4.1 ***Sembang Chillex Series***

The objective of the Sembang Chillex Series is a public session activities platform for members, non-IEM Members and general public to engage in discussions on trending engineering topics. The following completed series can be viewed on the IEM YouTube Channel:

- a) Sembang Chillex Kejuruteraan (SCK)
- b) Sembang Chillex Podcast (SCP)
- c) Sembang Chillex Regional (SCR)

a) *Sembang Chillex Kejuruteraan (SCK)*

The objective is to actively promote STEM engagement among school children, igniting a genuine fascination for the realm of engineering. Additionally, it aims to enlighten the general public about the multifaceted nature of engineering endeavours. Ten (10) SCK sessions have already been conducted:

- Episode 1 – Pilot – Introduction to Engineering Disciplines, 10 July 2021
- Episode 2 – Engineer, Engineering Technologist and Engineering Technician – What we do?, 21 August 2021
- Episode 3 – Engineering Career in the Oil & Gas Industry, 23 October 2021
- Episode 4 – Environmental Engineering – Kerjaya Kami, 22 January 2022
- Episode 5 – Engineer Buat Bisnes, Hybrid – In conjunction with ENGINEER 2022, KLCC, 19 March 2022
- Episode 6 – Dulu Saya Engineer, 1 March 2021
- Episode 7 – The Future of Engineers, Live Only – In conjunction with YES Open Day, Dewan Tunku Chanselor, Universiti of Malaya, 18 March 2023
- Episode 8 – Macam-macam Ada, Hybrid – In conjunction with BEM Convention 2023, Theatre Hall, MATRADE, 24 August 2023
- Episode 9 – Apa Itu Sustainability?, Hybrid – In conjunction with ENGINEER 2023, KLCC, 9 September 2023
- Episode 10 – Jom Volunteer!, 13 September 2023

b) *Sembang Chillex Podcast (SCP)*

This series is uniquely crafted for IEM Members, offering an exclusive opportunity to delve into the inner workings of the organisation and the individuals steering its course. Through SCP, members can gain insights into the innovative ideas and strategic initiatives aimed at realising IEM's Vision and Mission. This platform serves as a means to actively involve all members in the institution's endeavours. Nine (9) SCP sessions have been conducted:

- Episode 1 – Sembang session with the Chairman of Activities Standing Committee of IEM (2022/2023)
- Episode 2 – Sembang session with the Chairman of Information & Publications Standing Committee of IEM (2022/2023)
- Episode 3 – Sembang session with the President of IEM (2022/2024)
- Episode 4 – Sembang session with the IEM Penang Branch Chairman (2023/2024)
- Episode 5 – Sembang session with Ir. Mohd Khir bin Muhammad, Chairman of Corporate Affairs Committee of IEM (2023/2024)
- Episode 6 – Sembang session with Ir. Thayala Rajah a/l C. Selvaduray, Chairman of IEM Southern Branch (2023/2024)
- Episode 7 – Sembang session with Ir. Sim Hui Kheng, Stephanie, Chairman of IEM Sarawak Branch (2023/2024)
- Episode 8 – Sembang session with Ir. Chin Tet Fu, Willy, Chairman of IEM Sabah Branch (2023/2024)
- Episode 9 – Sembang session with Ir. Ts. Hj. Abrizan bin Abdul Kadir, Chairman of IEM Kelantan Branch (2023/2024)
- Episode 10 - Sembang session with Ir. Ong Yee Pinn, Chairman of IEM Melaka Branch (2023/2024) & Ir. Lim Su Hian, Incoming Chairperson of IEM Melaka Branch (2024/2025)
- Episode 11 - Sembang session with Ir. Ts. Prof. Dr. Tan Chee Fai, Chairman of Welfare and Member Service of IEM (2023/2024)

c) *Sembang Chillex Regional (SCR)*

The SCR was created with a focus on the ASEAN community, given IEM's role as the permanent Secretariat of AFEO (ASEAN Federation of Engineering Organisations). SCR addresses diverse regional matters, gathering insights from engineers across the region. It goes beyond technical aspects to encompass business discussions, offering a holistic perspective. Three (3) SCR sessions have been conducted:

- Episode 1 – Future of Engineering in ASEAN, Hybrid – In conjunction with AFEO Mid-Term in Trove Hotel, JB, 26 August 2022
- Episode 2 – Engineers Away From the Capital – Challenges, Hybrid – In conjunction with AER Makassar Roadshow at the Four Points Sheraton, Makassar, South Sulawesi, Indonesian, 25 May 2023
- Episode 3 – Mobility Engineers, Hybrid – In conjunction with ENGINEER 2023, KLCC, 9 September 2023

7.5 **IEM Resource Centre**

Ir. Dr. Kannan a/l M. Munisamy continues to chair the Resource Centre Committee for the third session. Total collection of 7,390 titles for physical books and 483 titles eBooks were recorded by the IEM Resource Centre.

IEM Resource Centre is also a member of SIRIM Technical Library and UTM KL Library. Members could contact IEM Librarian for more information on benefits available from the facilities.

The Resource Centre has conducted the Survey on Members Satisfaction for the IEM Resource Centre (Library) on 16 December 2023 with 359 responses. The Sub Committee is currently analysing the responses.

ProQuest eBooks Central Collection on eBooks data statistics are shown below:

	Total				
Free View Sessions	Book Download	Chapter Downloads	Pages Printed	Pages Copies	Unique Users
1,447	0	1003	21,832	20	381

The Resource Centre is planning to expand its facilities to IEM Members and users at Mezzanine Floor of Wisma IEM in the near future. The Sub Committee also target to digitalise relevant materials and books in Resource Centre.

EBook data statistic as shown above. For info, IEM has been subscribing Proquest EBook since May 2017.

Announcement and information on new physical books as well as eBooks are made regularly through the IEM Portal under the heading, “Benefit and Services” and also at IEM Library column as well as in the IEM Bulletin. Members who wish to borrow physical books can reserve them through the IEM Portal. Members are also encouraged to submit recommendations of new titles using new book request column.

The IEM Resource Centre continuously liaised with SIRIM Technical Library in providing a service through SIRIM Membership Card. IEM Members can use this SIRIM Membership Card and loan the required materials except Malaysian Standard, journals, and technical reports. In February 2023, IEM Resource Centre applied to be an external member of UTM KL Library. IEM members from academic and consulting fields are able to benefit from the facilities available at IEM.

7.6 IEM Mobile Application IEMGo

Ir. Dr. Bhuvendhraa Rudrusamy continues his Chairmanship for this term.

Approximately 36,435 members had given consent to be subscribed to the IEMGo mobile app. Members will be able to get the latest Jurutera and Journal, information on Upcoming events and Circulars as well as latest notifications. The Sub Committee has launched several activities to promote IEMGo among IEM members such as holding a lucky draw and conducting a survey to improve the IEMGo among members in the future.

Meanwhile, the Committee is also focused on migrating the IEM CPD database to the BEM mobile application, eliminating the need for IEM members to manually input data during PE or PEPC license renewal. With this database migration feature, all IEM CPD will be automatically updated in the BEM CPD database.

8 STANDING COMMITTEE ON ACTIVITIES

8.1 The Standing Committee on Activities (ACT) was chaired by Vice President, Ir. Yau Chau Fong for session 2023/2024 while the Vice Chairman is Ir. Prof. Dr. Vigna Kumaran a/l Ramachandaramurthy, and the Secretary is Ir. Razmahwata bin Mohamad Razalli.

The Standing Committee on Activities (ACT) has been established to organize all social visits, talks, seminars, symposiums, conferences, and other activities. This aligns with the aims and objectives of the Institution in promoting and advancing the Science & Profession of Engineering and all its disciplines and facilitating the exchange of information and ideas related to Engineering.

The Standing Committee on Activities (ACT) had established various Technical Divisions (TD), Special Interest Groups (SIG), and Sections (now called TeSS) to coordinate these activities. Additionally, the Standing Committee also spearheads special events such as the IEM Annual Dinner, IEM Convention & ENGINEER Exhibition, IEM Golf Tournaments, and many others.

While the COVID-19 virus still poses a threat, in the year 2023, the Standing Committee (ACT) continued organizing numerous physical and virtual activities, including Technical Talks, Seminars, Workshops, Courses, Conferences, and Symposiums. In some physical events, participation reached more than 200, indicating a return to in-person attendance.

For year 2023 the Standing Committee on Activities (ACT) organised the following numbers of physical and virtual activities:-

Activities	Numbers Activities Organised	
	Virtual	Physical
Technical Talks	152	38
Technical Visits	0	49
Paid Activities	Seminars / Courses / Workshops	37
	Symposium & Conference	0
Outdoor / Social	0	21
Competition	2	1
Engineering Education Awareness	1	9
Charity	25	12
TOTAL ACTIVITIES FOR YEAR 2023		388

More information on these activities can be found in the summary sheet of activities for the year 2023.

8.2 IEM Annual Events and Activities 2023

Some of the major events are highlighted below:

25 June 2023	<p>IEM Golf Tournament 2023 organised by Building Services Technical Division (BSTD) was successfully held at Kelab Rekreasi Tentera Udara (KRTU). 128 golfers participated with 32 Golf Flights. The tournament managed to attract 15 Sponsors (Under categories of Cash Sponsors, In-kind, Goodies, Hole In One, Longest Drive & Nearest to Line Cash Prizes and Lucky Draw). The Tournament was officiated by IEM Past President, YBhg. Dato Lim Chow Hock & other invitee included Past President, Ir. David Lai Kong Phooi.</p>
15 July 2023	<p>IEM's 64th Annual Dinner 2023 was held at One World Hotel, PJ. With the theme "Sustainability", the Annual Dinner was attended by 1260 guests and members, around (126) tables.</p> <p>The Guest of Honour was the Minister of Works, YB Dato Sri Alexander Nanta Linggi. The Deputy Prime Minister, YAB Dato Sri Fadillah bin Haji Yusof also graced the dinner to receive the conferment of the 'IEM Honorary Fellow Award.</p>
26 August 2023	<p>Sustainable & Integrated Engineering Student Research e-Poster Competition 2023</p> <p>The annual e-Poster competition organised by Marine Engineering and Naval Architecture Technical Division (IEM) was successfully conducted via online with the theme "Sustainable and Integrated Engineering". The competition received positive response from university students, with a total of 33 participants in the individual category and 9 teams in the Team category.</p> <p>The winners for e-Poster competition are as below:</p> <p>Individual Category: 1st place: Lim Seen Ye (UCSI University) 2nd place: Shah Faisal (Asia Pasific University) 3rd place: Walisijiang Tayier (SEGi University)</p> <p>Team Category: 1st place: Universiti Sains Malaysia 2nd place: Universiti Of Malaysia Sarawak (UNIMAS) 3rd place: Universiti Teknologi Malaysia</p>
6-9 September 2023	<p>ENGINEER 2023 (2nd Edition) was held at Kuala Lumpur Convention Centre (KLCC).</p> <p>The 2nd Edition of Malaysia Engineering and ACMV & R Exhibition concluded with a grand scale. Over 250 exhibition stands and over 160 exhibiting companies participated. While for visitors, the exhibition attracted more than 10,000 visitors.</p>
6-9 September 2023	<p>IEM Convention 2023 (in conjunction with Engineer 2023) (2nd Edition) was held at Kuala Lumpur Convention Centre (KLCC). Six (6) symposiums were organised by the following Technical Division and Special Interest Group.</p>
6-7 September 2023	<p>ASEAN Electrotechnical Symposium & Exhibition (IESE 2023) Organised by Electrical Engineering Technical Division (EETD) Theme : Standard Drive ESG Excellence</p> <p>The two-day Symposium was held via full physical mode. Attended by 170 participants and officiated by the Deputy Director General (Industry) of MITI, Datuk Hanafi Sakri.</p>
7 September 2023	<p>Safety in Engineering Symposium (SES 2023) Organised by Safety in Engineering Special Interest Group (SESIG) Theme : No Time Off for Safety</p> <p>The Symposium was held via full physical mode. Attended by 110 participants and officiated by the Director of DOSH WPKL & Putrajaya, Ir. Zamzurin bin Maarof.</p>
9 September 2023	<p>2nd International Symposium on "Recent Advances in Structural Design in Regions of Low-to-Moderate Seismicity" (IRASD) Organised by Civil and Structural Engineering Technical Division (CSETD) Theme : Design for Resilience and Sustainability</p> <p>The Symposium which was held via hybrid mode attracted a total of 156 participants with 146 participants attending physically while the virtual platform was opened to selected lecturers with around 10 participants. Eight (8) speakers from Hong Kong, Australia, Singapore and Malaysia presented their papers. The event was officiated by Ir. Prof. Dr. Jeffrey Chiang under the capacity of Deputy President and past Chairman of Technical Committee on Earthquake.</p>

9 September 2023	<p>The 1st Malaysia China Engineering Digital Transformation Summit Organised by Consulting Engineering Special Interest Group (CESIG) Theme : Digital Transformation & ESG</p> <p>The summit was held via hybrid mode. 173 participants attended physically and 128 participants attended online. The event was officiated by YBhg. Academician Dato' Ir. Lee Yee Cheong.</p>
9 September 2023	<p>Project Management Conference (PROMAC 2023) Organised by Project Management Technical Division (PMTD) Theme: Advancing Project Management - Agile And Beyond 2023</p> <p>The Symposium was held via hybrid mode. 108 participants attended physically and 40 participants attended online. The event was officiated by YBhg. Datuk Ir. Ahmad Redza bin Ghulam Rasool, the General Director Public of Works (JKR) Malaysia.</p>
9 September 2023	<p>Smart & Sustainable Cities Engineering Symposium (SSCES) Organised by Urban in Engineering Special Interest Group (UEDSIG) Theme : Advancing The Future of Smart and Inclusive Development</p> <p>The Symposium was held via hybrid mode. 124 participants attended via physical while the virtual platform was attended by 209 participants. The event was officiated by YBrs. TPr. Md. Nazri bin Abdullah, Deputy Director General (Planning) of PLANMalaysia.</p>
4-5 November 2023	<p>15th Malaysia Chem-E Car Competition 2023</p> <p>The event was successfully held at UiTM Shah Alam participated by a total of 28 teams from local & international universities. The event was graced by UiTM Deputy Vice Chancellor of Student Affairs, Prof. Dr. Hj. Mohd Sazili Shahibi. The winner of this competition is Pocalunar Kairos 3.0 team from Deponerogo University, Indonesia.</p>
8 December 2023	<p>Integrated Design Project Short Video Competition 2023</p> <p>The event organised by the Engineering Education Technical Division, was successfully conducted online. Four (4) discipline categories such as Mechanical, Electrical, Civil, and Chemical were contested. The competition received a positive response from university students, with a total of 32 teams. The announcement of the winners has been published on the IEM website.</p>

8.3 IEM Presidential Award of Excellence

The winners for the activities conducted for year 2023 were:

Winner	Electrical Engineering Technical Division (EETD)
2 nd Placing	Geotechnical Engineering Technical Division (GETD)
3 rd Placing	Civil and Structural Engineering Technical Division (CSETD)
4 th Placing	Project Management Technical Division (PMTD)
5 th Placing	Chemical Engineering Technical Division (CETD)
Most Improved	Public Sector Engineers Special Interest Group (PSESIG)

8.4 IEM's Virtual Activities Awards

IEM, in special recognition and appreciation for the outstanding performance, contributions and efforts by the Technical Divisions, Special Interest Groups and Sections who had conducted the 'Virtual Events' shall be awarded with 'Virtual Activities Best Awards'. The 'Virtual Activities Best Awards' are divided into TWO (2) Awards.

1 st Awards	– The Highest Numbers of Virtual Activities Conducted
2 nd Awards	– The Highest Paid Numbers of Participants of Virtual Activities Conducted

Winners for Year 2022:

1 st Award The Highest Numbers of Virtual Activities Conducted		2 nd Award The Highest Paid Numbers of Participants of Virtual Activities Conducted	
Champion	Mechanical Engineering Technical Division (METD)	Champion	Mechanical Engineering Technical Division (METD)
1st Runner Up	Electrical Engineering Technical Division (PMTD)	1st Runner Up	Project Management Technical Division (PMTD)
2nd Runner Up	Oil, Gas and Mining Technical Division (OGMTD)	2nd Runner Up	Geotechnical Engineering Technical Division (GETD)

The awards were presented to the winners at the IEM 64th Annual Dinner 2023 on 15 July 2023 held at One World Hotel, PJ.

8.5 **Technical Divisions, Special Interest Groups & Section**

For year 2023, the Annual General Meetings of the Technical Divisions, Special Interest Groups & Section were successfully conducted via virtual and physical platform.

8.6 **The Standing Committee on Activities (ACT) Brainstorming Session**

Based on last year's 'Brainstorming Session', the Standing Committee on Activities (ACT) will further discuss and deliver workable solutions that can be prioritized and executed by IEM for the betterment of the Institution moving forward. ACT also continued looking at the engagement of its Committee Members with outside organizations at national and international level. The session also looks at proposing activities for IEM that add value to IEM members, and IEM's position in society.

9 **STANDING COMMITTEE ON PROFESSIONAL PRACTICE**

9.1 Ir. Chen Harn Shean was appointed as the Chairman of this Standing Committee for Session 2023/2024. The Standing Committee held its regular monthly meetings on every third Friday of the month to discuss matters pertaining to professional practices.

The principal duties of the Standing Committee is to review, co-ordinate and formulate policies on all aspects of professional practice among members of the Institution including the conduct, ethics, discipline and good technical practice.

The Committee also continued to liaise with other Professional Bodies, Public and Statutory Authorities in respect of professional practice and continued to examine and report to the Executive Committee on any complaint made against a member of the Institution.

9.2 **Sub Committee on Engineering Contracts**

Ir. Gunasagaran a/l Kristnan continued for another term as the Chairman of the Sub Committee on Engineering Contracts for the session 2022-2023. The main objectives of this Sub Committee are:

Matters related to the Engineering Contracts;

- (i) IEM Form of Contract for Mechanical and Electrical Engineering Works (Third Edition, January 2017);
- (ii) IEM Form of Contract for Civil Engineering Works (Third Edition, January 2017);
- (iii) IEM Form of Nominated Sub-Contract for Engineering Works (December 2017).

9.2.1 **Sub Committee Activities for year 2023**

(a) **Webinar on M&E Conditions of Contract**

The webinar was held on 10 May 2023, presented by Ir. Wong See Foong and moderated by Ir. Gunasagaran Kristnan and a total of 90 participants attended. This talk provided an opportunity for potential users to familiarize themselves with the form of contract. The speaker highlighted the particular provisions related to mechanical and electrical works as well as elaborated on the meaning of shop drawings and bills of quantities which are often misinterpreted in the context of M&E works.

(b) **Webinar on The Road Less Travelled - LESS FREQUENTLY ENCOUNTERED ISSUES IN CONSTRUCTION CONTRACTS**

The webinar held on 25 August 2023 was presented by Ir. Lim Eng Chong and moderated by Ir. Gunasagaran Kristnan. A total of 118 participants attended the talk which aimed to inform and educate engineers (and contracts administrators) on issues which are less often encountered or less understood as follows:

- i. Liabilities of construction professionals, i.e. consultants. Sometimes contractors try as a matter of strategy to defend themselves against clients by implying to consultants that they will sue for consequences of any deductions. Can they do this?*
- ii. Termination of contracts (and sub-contracts) – wrongful termination carries hefty consequences*
- iii. Liability for defects after practical completion – what is the consequence if the contractor fails to rectify or is slow in rectifying*

(c) **2-day Course (Physical) on Malaysian Civil Engineering Standard Method of Measurement (MyCESMM2)**

The course was successfully held physically on 15-16 May, 5-6 September and 5-6 December 2023 at Wisma IEM, Petaling Jaya. The speaker was CIDB certified trainer, Ir. Shahul Ikram.

(d) **One Day Virtual Course on IEM Conditions of Contracts Simple Explainer**

The course was successfully held virtually on 1 August 2023. This course offers simple explanation to the IEM Form of Contract for Civil Engineering Works (CE 2011) by categorising all clauses into different aspect and was conducted by Ir. Ang Kok Keng with a total of 40 participants.

9.2.2 **Revision of the Form of Contracts**

The Sub Committee had started to make minor changes to the IEM.CE 2011. The changes intend to make the contracts more relevant according to the current practice.

9.3 **Sub Committee on Dispute Avoidance and Resolution Practice (DARP)**

Ir. Zafrul Mahmood was re-appointed as the Chairman for the 2023/2024 session.

9.3.1 **Sub Committee Activities for the year 2023**

The Sub Committee held its regular meetings on bi-monthly on second Tuesday of the month to discuss matters, summarized as follows:

- (i) The Workshop Dispute Avoidance No. 7 was successfully conducted on 9 December 2023 at Wisma IEM, Petaling Jaya. The workshop focuses on the issue's background and relevant contractual aspects, such as Conditions of Contract, Specification, Bill of Quantities, and other provisions. It delves into how the issue originated and evolved, with identification of parties like the "Employer," "Developer," "Engineer," and "Contractor" without specifying their names.
- (ii) Amalgamate the UNCITRAL Rules 2010 to the IEM Arbitration Rules 2022.

9.4 **The Fire Advisory Board (FAB) on Fire Protection Services**

Ir. Yim Hon Wa continued another term as the Chairman of the Fire Advisory Board (FAB) on Fire Protection Services for the session 2023/2024. The scope and main objectives of this Advisory Board are as follows:

- (i) to study the technical issues related to fire protection with the aim to disseminate information to members with the latest regulations, circulars from Jabatan Bomba dan Penyelamat Malaysia and other related institutions.
- (ii) to train its committee members and young graduates in fire safety aspects by organizing various activities, open forum and dialogue to provide awareness to members as well as architects.
- (iii) to review, co-ordinate and formulate policies as well as to advise on all aspects on fire engineering
- (iv) to provide awareness and training as one of the advisory roles on fire industries.
- (v) to foster closer rapport with local authorities such as Department of Standards Malaysia, BOMBA and KPKT.
- (vi) to look into the representation of IEM in public and statutory authorities and other relevant organisations involved on fire activities.

9.4.1 The Advisory Board participated in the following meetings/dialogues/events:

- (a) Majlis Perundingan Jabatan Bomba Dan Penyelamat Malaysia Bersama Badan Profesional Bilangan 1/2021 held on 7 March 2022
- (b) Sesi Libat Urus Berkaitan Pembangunan Garis Panduan Keselamatan Kebakaran (PKK) bagi Electric Vehicle Charging Station (EVCS) di Premis held on 10 July 2023
- (c) Mesyuarat Dialog Bersama Profesional Bil 1/2023 held on 14 July 2023

9.4.2 The Advisory Board is also involved in providing input and comments for Department of Standards Malaysia for the following:

- (a) NSC M (Jawatankuasa Standard Perindustrian bagi Keselamatan Kebakaran)
- (b) TC on Dry Fire Protection System (TC/M/1)
- (c) Working Group on Guidelines for Fire Detection and Fire Alarm System (NSC M/ TC 1/WG 1-2)
- (d) TC on Passive Fire Protection System (TC/M/2)
- (e) TC on Wet Fire Protection System (TC/M/3)
- (f) TC on Smoke Management (TC/M/4)
- (g) TC on Clean Agent Fire Extinguishing System (TC/M/5)
- (h) WG on Portable Fire Extinguisher (WG/M/5-1)
- (i) Working Group on Gaseous Fire Extinguisher System - Clean Agent (NSC M/TC 5/WG 5-3)
- (j) Technical Committee on Fire Properties of Building Material (TC/M/6)
- (k) Working Group on Fire Rated Lift Landing Doors: Fire Resistance Test (WG/M/6-1)

9.4.3 The Advisory Board Activities for the year 2022:

(a) **IEM Guidelines Talk & Launching**

On 8 September 2023, during the IEM Convention at Kuala Lumpur Convention Centre (KLCC), a launching event was organized by IEM for all the guidelines produced by IEM Task Force and Advisory Boards. The launching was officiated by the President of IEM, Ir. Prof. Dr. Norlida and the Past Presidents of IEM, Academician Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin and Dato' Ir. Lim Chow Hock.

Ir. Wong See Foong had briefed on the Testing And Commissioning of Fire Protection System on behalf of the Advisory Board during the launching.

9.5 **The Disaster Risk Reduction Advisory Board (DRRAB)**

YBhg. Dato' Ir. Nor Hisham bin Mohd. Ghazali continued another term as the Chairman of the Disaster Risk Reduction Advisory Board (DRRAB) for the session 2023/2024.

9.5.1 The scope and main objectives of this Advisory Board are as follows:

1. The function of the Advisory Board is to focus on the issue of disaster preparedness, mitigation and planning for a community scale or larger. The type of disaster include natural, catastrophic fire, biological and chemical disasters.
2. The Advisory Board will advise on mitigation of, prepare for, respond to, and recover from large-scale disasters. This will include drafting standards and procedures, education, high level advocacy and consultation to ensure that the preparedness and best practices of our national disaster recovery work.
3. The Advisory Board will be the focal point of technical expertise on disaster preparedness within IEM.
4. Topics involves: Floods, Haze and Wild Fires, Landslides and Rockslides, Earthquake, Coastal Erosion, Land Subsidence, Tsunami, Catastrophic Chemical Release**, etc.

* - these are taken as large catastrophic events. Smaller fires or chemical control measures would be of interest to other committees (Fire Advisory Board and/or Technical Divisions i.e. Chemical Engineering Technical Division).

9.5.2 **Position Paper on the Impact of Sea Level Rise on Coastal Communities and Development**

The Position Paper had been presented to the following authorities:

1. Chief Minister of Penang on 11 May 2023 at the Pejabat Ketua Menteri by Committee Members, Ir. Iwan Tan and Ir. Jaflus.
2. Menteri Besar of Terengganu on 31 May 2023 at the Bilik Mesyuarat MMKN by YBhg. Dato' Ir. Nor Hisham and Ir. Iwan Tan.
3. YB Dato Hajjah Hanifah Hajar Taib, Timbalan Menteri Ekonomi, Kementerian Ekonomi on 22 June 2023 at Bilik Mesyuarat YBTM Dato' Ir. Nor Hisham, Ir. Jaflus, Ir. Iwan Tan and Ir. Norzana.
4. The Office of the Premier of Sarawak to brief YAB Datuk Patinggi Tan Sri (Dr.) Abang Haji Abdul Rahman Zohari bin Tun Datuk Abang Haji Openg, the Premier Sarawak, on 17 August 2023 by Dato' Ir. Nor Hisham and Ir. Iwan Tan.

9.5.3 **The Advisory Board Activities for the year 2023**

a) Technical Visit to a Sabo dam at Titi Hayun, Yan Kedah

On 5-6 March 2023, a technical visit was initiated by the Disaster Risk Reduction Advisory Board (DRRAB) which was subsequently extended to the Water Resources Technical Division (WRTD) and Geotechnical Engineering Technical Division (GETD) as the Advisory Board and the Technical Divisions are at that time collaborating to produce IEM's feedback on "Laporan Kajian Bencana Geologi Banjir Puing 2022 di Sungai Kupang, Kedah". One of the government solutions in dealing with the disaster is by constructing the sabo dam in Titi Hayun, which was said to be the first such structure in the country. Therefore, the visit was arranged for the Committee to see first-hand on the structure and to understand it better in order to respond to the report.

b) IEM Guidelines Talk & Launching

On 8 September 2023, during the IEM Convention at Kuala Lumpur Convention Centre (KLCC), a launching event was organized by IEM for all the guidelines produced by IEM Task Force and Advisory Boards. The launching was officiated by the President of IEM, Ir. Prof. Dr. Norlida and the Past Presidents of IEM, Academician Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin and Dato' Ir. Lim Chow Hock.

Ir. Loo Chee Kin had briefed on the Flood Abatement Equipment – Engineering Guide of Designation, Testing and Documentation guidelines on behalf of the Advisory Board during the launching.

c) Webinar on “Sabo Structures for Debris and Mud Flow Control”

The webinar was successfully held on 30 November 2023, a collaboration with Water Resources Technical Division (WRTD). The speakers were Ir. Dr. Wong Wai Sam and Ir. Ts. Noor Aishah. The talk was intended to introduce the concept of Sabo structures in controlling the debris and sediment flows on headwater as well as sizing and design of various components of the Sabo dam structures with a case study. The talk was also to provide a bird's-eye-view of the Department of Irrigation and Drainage Malaysia's (DID) strategy for improving flood risk management in the nation.

9.5.4 ***AFEO Working Groups***

YBhg. Dato' Ir. Nor Hisham bin Mohd. Ghazali (Chairman of DRRAB) continued to be the main representative while the Deputy Chairman / Secretary of DRRAB served as the alternate representative to attend this AFEO Working Group. The WG meetings are held twice a year in conjunction with the AFEO meetings. The meetings held for 2023 were as below:

- a) AFEO Midterm Meeting (19-21 July 2023) hosted by Thailand (EIT) at Hotel Grand Fortune, Bangkok, Thailand.
- b) 41st CAFEO (21-23 November 2023) was held physically at Bali hosted by Indonesia.

9.5.5 ***WFEO Disaster Risk Management Committee***

YBhg. Dato' Ir. Nor Hisham continued to serve as IEM representative for the WFEO Disaster Risk Management Committee.

9.6 **IEM Arbitrator Appointment / ADR Advisory Board**

Ir. Chen Harn Shean was appointed by default as the Chairman of the Standing Committee on Professional Practice (PPC) to serve as the Chairman of the Sub Committee for 2023/2024 session.

9.7 **Sub Committee on Screening of Complaints and Queries**

Ir. Sundraraj a/l A. Krishnasamy was appointed as the Chairman of the Sub Committee for the 2023/2024 session. The scope of work is to screen the complaints made against members on grounds of ethics, unfair dismissal, professional misconduct, unethical practice of Professional Engineers and other issues. This Sub Committee will determine whether such complaints warrant a need to set up a Disciplinary Adhoc Committee to hear such cases. The Committee received and reviewed one case for the year 2023.

9.8 **Sub Committee on Legislation Affecting Engineering Profession**

Ir. Lai Sze Ching continued his service to provide regular updates and information on the following legislation on how such legislation would impact the engineering profession:

- Review of the Registration of Engineers Act 1967 (Rev 2016)
- Technologists and Technicians Act 2015 (Act 768)

9.9 **The Engineering Practice Advisory Committee**

9.9.1 Ir. Lee Weng Onn continued to serve as the Chairman of the Engineering Practice Advisory Committee for the session 2023/2024.

9.9.2 ***The scope of this Advisory Committee are as follows:***

- a) To advise IEM members on practice related matters including advice on legal matters, procedures and practices of a general nature;
- b) To discuss such matters and to assist and guide members where necessary;
- c) To publish FAQs to guide members on practice matters

The Committee is currently finalizing the Standard Procedure (SOP) as well as to publish an article on EPAC and a case study on the IEM Bulletin.

9.10 **Sub Committee on Outside Bodies Representation (OBR)**

The appointed Chairman, Ir. Chen Harn Shean continues to monitor and oversee representatives to attend and participate meetings at various government agencies and other outside bodies.

Secretariat reports and refers all incoming invitations made by external parties to the IEM President and the PPC Chairman, IEM Honorary Secretary and relevant Committees Chairmen to appoint and identify IEM representatives to attend external meetings and events.

Currently, more than 100 members from IEM Excomm, Council and the respective Standing Committees, Technical Divisions, Special Interest Groups (SIG), Young Engineers Section (YES) and Branch representatives represents IEM in more than 150 technical committees, working groups. IEM representatives also attend relevant events, dialogues and meetings at various local government agencies, institutions, and universities.

All representatives who attend the external meetings are required to submit the Outside Bodies Representation (OBR) report form within a week from the meeting date. All incoming reports will be tabled at the monthly meeting of the Standing Committee on Professional Practice, Technical Divisions and thereafter will be reported to the President or Excomm if there is any matter that require further deliberation or decision.

IEM also continues to provide and assist with comments and input required by the related parties such as Department of Standards Malaysia (DSM), Bomba, SIRIM and Jabatan Kerja Raya (JKR) by participating and serving as committee members in various meetings, dialogues and workshops.

IEM also continues to support other local and international events as well as participate as joint organizer and supporter (without financial commitment).

Details of events organized by recognized external parties are uploaded regularly to the IEM website (refer to https://www.myiem.org.my/content/related_to_engineering_services_database-855.aspx).

9.11 **Sub Committee on Malaysian Standards Writing & Forensic Study**

The Sub Committee was chaired by Ir. Tu Yong Eng for 2023/2024 session. The objective of this Sub Committee is to monitor the progress of the Malaysian Standards (MS) drafting with the main focus on forensic engineering for IEM.

As IEM is being represented in almost all MS drafting, it is very important to make sure that IEM views on the Standards are conveyed to the Standards drafting Committee. By close monitoring, IEM will be able to ensure all the Standards related to Engineering are properly drafted.

As for the forensic side, it is becoming more important as there has been a lot of failures happening around Malaysia which is one of the main reason for PPC to setup this Sub Committee to establish the forensic procedure, to ensure proper investigation were carried out and also to provide training to IEM members who conduct forensic engineering.

9.12 **Sustainable Development Goals (SDG)**

The Standing Committee on Professional Practice (PPC) in the year 2023 is committed to champion the awareness of climate change and its effect to the future generation through its position paper on "The Impact Of Sea Level Rise On Coastal Communities And Development". As a start, The Disaster Risk Reduction Advisory Board (DRRAB) had approached various government agencies as well as state governments, especially the States with a coastline to brief them on the paper and to work with them on the solutions.

10 **STANDING COMMITTEE ON WELFARE AND SERVICE MATTERS**

10.1 Ir. Ts. Prof. Dr. Tan Chee Fai served as Chairman for Session 2023/2024 and continued to look into means of improving the welfare and benefits to IEM members. This Standing Committee held its monthly meetings on every 3rd Wednesday of the month to discuss, review, recommend, approve and implement issues or matters pertaining to the welfare of IEM members. The Standing Committee also coordinated and organised online webinar talks, which can benefit members of the Institution.

10.2 **IEM Benevolent Fund**

A total of RM44,587.38 were received in the early year of 2023. IEM would like to record its appreciation to the members for their kind support and generosity. The balance available in the fund as at 31 December 2022 is RM443,920.98.

10.3 **Jurutera Wargamas (JWS) and Exempted Members**

This scheme specially designed for members who are senior citizens or disabled is aimed at reducing the annual subscriptions for these members to an affordable amount. The affected members would need to pay only 25% of the annual subscription fee with the balance to be settled from the IEM Benevolent Fund Account. For the year 2023, there were 4 applications approved for the scheme.

10.4 **IEM Job Gallery**

10.4.1 ***IEM Job Advertisement***

This is a job vacancy advertisement programme. The programme provides job vacancy advertisements through the IEM Website to its members and non-members who are looking for engineers on a full time/contract or on part time basis to fill job vacancies in their respective companies. Job seekers can search for their desired employment from the IEM Website under 'Job Gallery' section for the latest job vacancy advertisements. There are no charges imposed for the job vacancy advertisement.

10.4.2 ***Job Bank and Match-Make***

Members are invited to submit their resume into Job Bank and the Standing Committee will assist to match with suitable vacancy available.

10.5 **IEM Family Day 2022**

IEM Family Day was held on 21 May 2023 at Xiamen University in Sepang, Selangor. Approximately 300 members and their families attended the event. Recognition Award for SPM/STPM/A-Level award recipients and certificates were presented to the children of IEM members who achieved outstanding results in their SPM, STPM and A-Level in 2022 exam. They were also lucky draw prizes were given to the winners. For this year, a total of 9 students for SPM, and 3 for A-Level were rewarded.

10.6 **Insurance Matters**

Several insurance schemes have been initiated with insurance companies for members' benefit. These included Professional Indemnity Insurance as well as Life and other General Insurance. For more information, members may contact IEM Secretariat.

10.7 **Affinity Programmes**

IEM continue to collaborate with CIMB on the affinity credit card programme which would benefit IEM where 0.1% of the amount spent by members using the card would be contributed as rebate to IEM. Other benefits also include enabling IEM members to pay their annual subscription via direct debit from the card. IEM members are encouraged to apply or convert their existing card to the CIMB AFFINITY CARD as 0.1% rebate is a substantial income to IEM whereby the more you spend, the more will be your contribution to IEM.

10.8 **Webinar Talks**

More webinar talks that can benefit IEM members with interesting topics on health issues, leaderships and financial management were organized during the session. These also included additional skills for the young engineers. The Standing Committee is actively inviting more speakers from various backgrounds to conduct webinar talks. The topics covered were:

- Engineering Leadership in Industrial Design Perspective
- Effective Leadership in Engineering Organization
- Strategic Leadership for Engineers: Navigating in Crisis Situations
- Empowering NGOs through Wakaf: Sustainable Funding for Lasting Impact
- How to Raise Your Financial IQ During Times of High Inflation
- Professional Health Being: Importance and Benefits to Avoid Engineers Sudden Death

10.9 **Other Benefit Projects**

The Committee continued to negotiate with vendors and merchants to look into joint collaboration for the benefit of IEM members. For the year 2023, the Committee had increased the number of new merchants such as Celcom-Digi, Proton, Hilton Hotel, AIA Insurance etc. The Committee will continue to implement more activities for the Welfare of members as well as providing excellent services to the members.

Members can log in to IEM website for the list of merchants.

11 **STANDING COMMITTEE ON CORPORATE AFFAIRS**

- 11.1 Ir. Mohd Khir bin Muhammad continued to serve as its Chairman for session 2023/2024 and continued to look into means of improving the image of the Institution in the eyes of its members and the general public.

The Standing Committee oversees various initiatives to improve the image of IEM as the premier engineering institution in Malaysia and the ASEAN region and handles co-ordination of the involvement of IEM and monitors the activities of the various IEM international initiatives.

11.2 Memorandum of Understanding

IEM continued to embark on signing MoUs with various engineering institutions and professional bodies locally and internationally.

In addition to overseas and local engineering institutions, IEM continued to sign MoUs with Universities and Institutions of Higher Learning (IHLs) in Malaysia. Each University or IHL covenants to recruit a minimum of 50% Student Members for IEM in each of their intakes. IEM would allocate an amount equivalent to 30% of the total membership fees collected from the students, to be utilised by the Universities or IHLs to operate an IEM Centre (a section of the Universities or IHLs building set aside for activities by their Student Section or IEM Members from such Universities or IHL). The Universities or IHLs would also allocate a slot for IEM to meet and speak to the graduating students on Route to IEM Membership just prior to their graduation.

In section under review, IEM signed MoUs with the following organisations.

(a) MoUs with Overseas Engineering Institutions

China Association for Science and Technology (CAST) on CEIT	30 May 2023
The Institution of Engineers Sri Lanka (IESL) (Renewal)	23 October 2023
Institution of Mechanical Engineers United Kingdom (IMechE) (Renewal)	6 November 2023
MRA with The Chinese Society of Engineers (CSE)	5 December 2023

(b) MoUs with Universities / Institutions of Higher Learning

Universiti Tun Hussein Onn Malaysia (UTHM) (Renewal)	15 April 2023
Universiti Malaysia Sarawak (UNIMAS) (Renewal)	17 July 2023
Jabatan Pendidikan Politeknik dan Kolej Komuniti (JPPKK)	29 November 2023

(c) MoUs with Corporation and Local Professional Institution

Technological Association Malaysia (TAM) (Renewal)	8 September 2023
The Electrical and Electronics Association of Malaysia (TEEAM) (Renewal)	8 September 2023
Malaysian Oil & Gas Engineering Council (MOGEC) (Renewal)	8 September 2023
Institute of Materials, Malaysia (IMM)	8 September 2023
The Malaysian Asset and Project Management (MAPMA)	9 September 2023
National Aerospace Industry Corporation Malaysia (NAICO Malaysia)	14 November 2023
Penang Green Council	1 December 2023

(d) MoUs with Local Authorities / City Council

Majlis Bandaraya Melaka Bersejarah (MBMB) (Renewal)	24 June 2023
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(e) Approved MoUs (including renewal)

The following MoUs have been approved by Excomm and to be signed in 2024:

SIRIM Berhad
Chartered Institute of Building (CIOB)
China Institute of Communications (CIC)
Institution of Chemical Engineers (ICChemE) (Renewal)
SEGI University (Renewal)
Malaysian Geotechnical Society (MGS) (Renewal)

11.3 Interview Sessions, Press Releases and Press Statements

The Standing Committee continued to be active in providing press releases and press statements on engineering issues and matters of national interest. These included:

YAB Dato' Sri Haji Fadillah bin Haji Yusof, Deputy Prime Minister of Malaysia Conferred the AFEO Distinguished Honorary Fellow	February 2023
IEM X ESUM YES Open Day 2023	March 2023
15th Malaysia CHEM-E-CAR Competition 2023	November 2023

There was also a press clipping on IEM published in the media. The clipping was uploaded onto the IEM Web portal Newsroom for the general members information.

11.4 **Courtesy Visit with Government Ministers, Government Agencies, Ministry Officials, Local Councils and other organisations**

15 February 2023	IEM President, AFEO Secretary General and Head Commissioner of AER paid a visit to YAB Dato' Sri Haji Fadillah bin Haji Yusof, Deputy Prime Minister at Parliament House and presented the medal and certificate of AFEO Distinguished Honorary Fellow award to YAB Dato' Sri. YAB Dato' Sri is the recipient of the AFEO Distinguished Honorary Fellow award for 2021. The planned conferment ceremony at CAFEO39 in Brunei was cancelled due to the Covid-19 pandemic in 2021. Subsequently, due to unforeseen circumstances, YAB Dato' Sri was not able to attend the conferment ceremony at CAFEO40 in Phnom Penh, Cambodia.
10 April 2023	IEM paid a Courtesy Visit to the Deputy Minister of Ministry of Investment, Trade and Industry (MITI), YB Liew Chin Tong.
13 July 2023	IEM paid a Courtesy Visit to Minister of Works, YB Dato Sri Alexander Nanta Linggi at Kementerian Kerja Raya, Kuala Lumpur.
25 July 2023	IEM paid a Courtesy Visit and conducted an Interview Session for the IEM Bulletin with the Minister of Natural Resources, Environment and Climate Change (NRECC), Tuan Nik Nazmi bin Nik Ahmad.
17 August 2023	IEM paid a Courtesy Visit and presented the Position Paper on Sea Level Rise to the Premier of Sarawak, YAB Datuk Patinggi Tan Sri (Dr.) Abang Haji Abdul Rahman Zohari bin Tun Datuk Abang Haji Openg in Kuching, Sarawak.

11.5 **Visits/Dialogues with Overseas/ Local Engineering Institutions**

IEM held dialogues with the following visitors who paid courtesy visits to IEM in 2023:

18 April 2023	The Hong Kong Institution of Engineers (HKIE) led by Chairman of HKIE Building Division HKIE, Ir. Anthony Yan Mong Chiu.
31 July 2023	WFEO President-Elect, Engr Mustafa Shehu.
24 September 2023	Young Engineers Committee (YEC), Institution of Engineers Singapore (IES) led by Ms. Jasmine Foo, IES Vice President & Chair of Professional Engagement.

11.6 **Branding of IEM**

The Sub Committee on Social Media Presence continued to explore means of enhancing the branding of the Institution and establishing a strong social media presence including Instagram, IEMGo, Telegram among others. The posting of IEM's latest news, events, and achievements on its official social media platforms is aimed at building an active online presence.

11.7 **"IEM Meet the Public" Session (IMP)**

The Sub Committee on IMP continued to offer IEM's service of advice to the general populace, took on new issues and problems related to Engineering.

Throughout 2023, there were 3 cases received from the general public handled by IMP. Since the IMP was introduced in 2021, IMP had handled more than 10 related cases submitted by the general public.

11.8 **Inter-Professional Activities**

The Institution continued its close rapport with other professional bodies and organisations amongst which include:

- Board of Engineers Malaysia (BEM)
- The Chartered Institute of Arbitrators (CI Arb)
- The Malaysian Institute of Arbitrators (MI Arb)
- Association of Consulting Engineers, Malaysia (ACEM)

- Pertubuhan Akitek Malaysia (PAM)
- The Royal Institution of Surveyors, Malaysia (RISM)
- Construction Industry Development Board (CIDB)
- Balai Ikhtisas Malaysia (BIM)
- Malaysian Services Providers Confederation (MSPC)
- Technological Association of Malaysia (TAM)
- Building Management Association of Malaysia (MBAM)
- Confederation of Scientific and Technological Associations in Malaysia (COSTAM)
- Malaysian Geotechnical Society (MGS)
- Malaysia Structural Steel Association (MSSA)
- Professional Skills Development Centre (PSDC)
- Department of Standards Malaysia (DSM)
- Standards and Industrial Research Institute of Malaysia (SIRIM)
- Building Industry President's Council (BIPC)
- Eastern Regional Organization for Planning and Human Settlements (EAROPH)
- Majlis Bandaraya Petaling Jaya (MBPJ)
- Malaysia External Trade Development Corporation (MATRADE)
- Malaysian Productivity Centre (MPC)
- Ministry of Investment, Trade and Industry (MITI)
- Malaysia Investment Development Authority (MIDA)
- International Real Estate Federation Malaysian Chapter (FIABCI Malaysian Chapter)

The Institution continued its close rapport and liaison with member institutions of the following associations and organisations on matters of common interest:

- ASEAN Federation of Engineering Organisations (AFEO)
- Commonwealth Engineers Council (CEC)
- World Federation of Engineering Organisations (WFEO)
- Federation of Engineering Institutions of Islamic Countries (FEIIC)
- Federation of Engineering Institutions of Asia and the Pacific (FEIAP)
- Asian Pacific Confederation of Chemical Engineers (APCChE)
- International Engineering Alliance (IEA)
- International Tunnelling Association (ITA)
- International Network for Women Engineers and Scientists (INWES) and Asia Pacific Nations Network (APNN)

11.9 **ASEAN Federation of Engineering Organisations (AFEO) Secretariat**

IEM is currently the Secretariat of AFEO. Ir. Mohd Khir bin Muhammad, IEM Vice President and Chairman of the Standing Committee on Corporate Affairs was re-appointed as the AFEO Secretary General for a fourth year. Ir. Prof. Dr. Zuhaina binti Zakaria, IEM Honorary Secretary held the position of the AFEO Honorary Treasurer for the session 2023/2024.

The 22nd AFEO Midterm Meeting was hosted by The Engineering Institute of Thailand under His Majesty the King's Patronage (EIT) from 19-21 July 2023 at Grand Fortune Hotel, Bangkok, Thailand. A total of 25 delegates from IEM attending the meetings.

Later in the year, Persatuan Insinyur Indonesia (PII) hosted the 41st Conference of ASEAN Federation of Engineering Organisations (CAFEO 41) at Bali International Convention Centre (BICC) from 21-23 November 2023. It was reported that Malaysia recorded the highest attendees for CAFEO 42 in Bali, Indonesia with a total of 239 participants comprised of delegates, conference speakers and invited guests. The theme for CAFEO 41 was "Igniting ASEAN's Blue Economy and Green Energy".

The AFEO Governing Board endorsed the list of Distinguished Honorary Patron, Distinguished Honorary Fellows, Honorary Fellows and Honorary Members and ASEAN Outstanding Engineering Achievement Award from the various countries. The IEM members who received the conferment for 2023 were:

AFEO Distinguished Honorary Fellow

YB Datuk Patinggi Tan Sri (Dr.) Abang Haji Abdul Rahman Zohari bin Tun Datuk Abang Haji Openg
Chief Minister (Premier) of Sarawak.

YB Chow Kon Yeow
Chief Minister of Penang

AFEO Honorary Fellows

YBhg. Dato' Ir. Prof. Dr. Mohd Hamdi bin Abd Shukor
Vice Chancellor of Universiti Malaya and Invited Council Member Session 2023/2024

Ir. Prof. Em. Dr. Zainal Abidin bin Ahmad
Chairman of IEM Accreditation Board and former IEM representative to EAC

YBhg. Datuk Ir. Ahmad Redza bin Ghulam Rasool
Former Director General of Public Works Department

Ir. Dr. Lee Yun Fook
Former IEM Honorary Treasurer Session 2022/2023

Ir. Abdul Razak Yakob
Vice President of Information and Publications

AFEO Honorary Member

Ir. Prof. Dr. Teo Fang Yenn
Past Council Member Session 2020-2022

Ir. Thayala Rajah Selvaduray
Southern Branch Chairman

Ir. Dr. Siow Chun Lim
Council Member Session 2021-2023

Ir. Ng Win Siau
National Representative (Malaysia) for AEI-EI under EETD

YBhg. Dato' Ir. Janang AK Bungsu
Past Chairman of Sarawak Branch

YBhg. Dato' Ir. Wan Nazari bin Wan Jusoh
Past Chairman of Terengganu Branch

Ir. Sean Wong Siong Ung
Past Chairman of Miri Branch

Ir. Mohamad Shaiful Ashrul bin Ishak
Past Chairman of Kedah/Perlis Branch

Ir. Dr. Aidil Chee Tahir
Past Council Member-Mechanical Discipline Representative

Ir. Wong Chee Fui
IEM Council Member

ASEAN Outstanding Engineering Achievement Award

KEN Holdings Berhad – for design and construction of Menara Ken TTDI

11.10 **ASEAN Engineering Register (AER)**

IEM being appointed as host of the Secretariat of ASEAN Engineering Register (AER) continued to maintain the Register and chair the Executive Committee at IEM. The AER Secretariat based at the IEM premise also continued to organize activities for the Register. Ir. Yau Chau Fong, Vice President and Chairman of Standing Committee on Activities, continued his tenure as the AER Head Commissioner. The AER includes the registration of membership comprising the Engineers, Engineering Technologists, Technicians and associate members of the said categories.

In line with the objectives of the AER which is to facilitate the mobility of engineers within the ASEAN, the AER Executive Committee and AFEO Governing Board continue to establish a framework of mutual recognition of qualification amongst the ASEAN member organisations.

The membership of AER comprises of the following grades:

- ASEAN Engineer (AE)
- ASEAN Engineering Technologist (AET)
- ASEAN Technician (AT)
- Associate ASEAN Engineer (AAE)

- Associate ASEAN Engineering Technologist (AAET)
- Associate ASEAN Technician (AAT)

AER members with the recognized professional qualification may be able to practice outside their home country.

AER Executive Committee under the leadership of Ir. You Chau Fong embarked on various activities to promote membership and benefits of AER by organizing AER Roadshows, upgrading the AER database and issuance of AER membership card.

With the introduction to ASEAN Business Chat for Engineering (ABC4E), AER Executive Committee continued to work on creating business opportunities in ASEAN by organising as well as participating in exhibition and business networking session.

11.11 AER National Monitoring Committee (NMC)

Ir. Dr. Siti Hawa binti Hamzah was appointed as Chairman of this Committee. The main role of the AER NMC in IEM is to process applications from members of IEM and the Technological Association of Malaysia (TAM) to be registered with the ASEAN Engineers Register (AER).

AER had organized the Certificate Presentation Ceremony on 9 September 2023, in conjunction with ENGINEER 2023 at KLCC.

11.12 Asia Pacific Economic Cooperation and Engineers Mobility Forum (APEC/EMF) International Engineer Register Committee

BEM, IEM and ACEM are the three organisations that jointly maintains the APEC Engineer/IntPE status in Malaysia. The President of BEM, YBhg. Datuk Ir. Ahmad Redza bin Ghulam Rasool chaired the National Monitoring Committee meetings and head the National Monitoring Committee (NMC) which is based at BEM during the period under review.

The NMC consists of two representatives each from BEM, IEM and ACEM, whereby IEM is represented by IEM President Ir. Prof. Dr. Norlida Bunyamin and the IEM Immediate Past President Ir. Ong Ching Loon.

The processing of applications from IEM members for the Registers is under purview of the Standing Committee on Admission and Practical Training chaired by Ir. Dr. Siti Hawa binti Hamzah. Membership Application Board, chaired by Ir. Dr. Lee Yun Fook, would vet and process all applications and forward the submission to the Standing Committee for approval. To date, a total of 746 members have registered for both the Registers.

The present strength of the register is 642 active members. The details are as follow:
 (Admitted and Total Registered 2023) = 25 Members + 721 (Total Registered 2022).
 Total registered members for 2023 according to accession numbers = 746

Membership Breakdown:-

	Civil	Electrical	Electronic	Mechanical	Chemical	Total	YTD
March 2023	-	-	1	-	2	3	724
June 2023	4	4	-	2	-	10	734
August 2023	1	2	-	-	-	3	737
October 2023	2	5	-	2	-	9	746
						25	

In summary, the membership status of the registers are as follows:

1	Total Active APEC and IntPE Member	642
2	Deleted, Resigned and Deceased	104
3	Reinstated	-
	Total Registered APEC & IntPE Members	746

11.13 **International Engineering Alliance (IEA)**

The International Alliance Meeting (IEAM 2023) was held in Taichung, Taiwan from 2-7 June 2023 and hosted by The Institute of Engineering Education Taiwan (IEET) and Chinese Institute of Engineers (CIE).

The objective of the IEAM 2023 was to discuss and collect inputs on several key issues particularly with regard to IEA's future direction, long term strategy, the IEA Accords and Competency Agreements.

Ir. Prof. Dr. Norlida Buniyamin, IEM President 2023/2024, Ir. Fam Yew Hin, Vice President and Chairman of the Standing Committee on Examinations and Qualifications attended the meeting. Ir. Prof. Dr. Norlida Buniyamin, was also elected as Deputy Chair for APEC Agreement (session 2023-2025) during the meeting.

11.14 **Federation of Engineering Institutions of Asia and the Pacific (FEIAP)**

IEM also continue to host the permanent Secretariat for another five years from 2025 - 2029 with Ir. Dr. Tan Yean Chin as the Secretary General. The 31st FEIAP General Assembly (GA) & 7th Distinguished Lecture was held in Nay Pyi Taw, Myanmar from 11-13 September 2023. The event was jointly hosted by the Myanmar Engineering Council (MEngC) and Federation of Myanmar Engineering Societies (Fed.MES).

Following the 31st FEIAP GA held on 12 September 2023 in Nay Pyi Taw, Myanmar, Engr. Dr. Aung Kyaw Myat from the Myanmar Engineering Council (MEngC) was appointed as the President of FEIAP for the session 2023-2025 with Engr. Fred A. Monsada from The Philippine Technological Council (PTC) as the Vice President of FEIAP. YBhg. Academician Tan Sri Ir. Prof. Emeritus Dr. Chuah Hean Teik was re-appointed as Chairman of Standing Committee on Engineering Education (SCEE).

The 15th FEIAP Executive Committee meeting was held in Bali, Indonesia during CAFEO 41. For the year under review, the NPU-FEIAP B&R Engineering Training Centre (NFTC) based in Xian, China continues to provide training courses for its member economies.

Through the AAP Engineering Council, various activities and meetings were arranged in collaboration with the Federation of African Engineering Organisation (FAEO) to promote FEIAP Engineering Education Guidelines or equivalent.

The 32nd General Assembly and 7th Convention is scheduled to be held in Chinese Taipei from 1-3 May 2024.

11.15 **Federation of Engineering Institutions of Islamic Countries (FEIIC)**

IEM and MySET formed the FEIIC National Monitoring Committee. IEM is represented in the FEIIC meetings by the President and Honorary Secretary.

Malaysian Society for Engineering and Technology (MySET) with the support of FEIIC-Kuala Lumpur Regional Office had organized the World Research & Innovation Convention on Engineering & Technology (WRICET2023) from 10-11 July 2023 in Kuala Terengganu, Terengganu. IEM members participated in the event.

FEIIC presidency and its Secretariat is currently held by Saudi Engineering Council (SEC). The Regional Secretariat for FEIIC continued to be based in Kuala Lumpur. No meeting has been arranged since the Pandemic in 2020.

11.16 **World Federation of Engineering Organisations (WFEO)**

Engr. Mustafa Shehu of Nigerian Society of Engineers (NSE) took over the Presidency of WFEO with Er. Tan Seng Chuan of The Institution of Engineers, Singapore (IES) being elected as the President-Elect.

IEM President and Honorary Secretary remained as the official representative to WFEO. Ir. Prof. Dr. Norlida binti Buniyamin, IEM President and Ir. Prof. Dr. Zuhaina binti Zakaria, Honorary Secretary attended the WFEO General Assembly in Prague Czech Republic from 13-10 October 2023.

IEM continued to take part in WFEO activities with representation as follows:

- Dato' Ir. Nor Hisham bin Mohd Ghazali, Chairman of IEM Disaster Risk Reduction Advisory Board (DRRAB) is the IEM representative to WFEO's Disaster Risk Management Committee
- Ir. Prof. Dr. Norlida binti Buniyamin, IEM President was appointed as Chairman of the Standing Technical Committee (STC) for Engineering for Innovative Technologies as IEM takes over as host of this STC for the period 2023-2027. The first Committee's meeting was held in Beijing, China on 4 December 2023.

11.17 **Commonwealth Engineers Council (CEC)**

CEC updated in the newsletter with their latest activities. Dawn Bonfield MBE FREng was elected as the next Commonwealth Engineers' Council President when the current President Professor Paul W Jowitt steps down later this year. Ms. Bonfield is also Deputy Chair of the Women in Engineering Committee at the World Federation of Engineering Organisations working on the application of engineering and technology to address gender inequality globally.

11.18 **Asian Pacific Confederation of Chemical Engineers (APCChE) Director's Board Meeting and Congress**

The 20th APCChE Congress and 84th PIChE National Convention was held from 4-9 September 2023 in SMX Convention Center, Manila, Philippines with a theme "Revitalizing Global Partnerships for Sustainable Development". The Congress was organized by Philippine Institute Chemical Engineers (PIChE). IEM continue to be represented by Ir. Prof. Dr. Dominic Foo Chwan Yee.

11.19 **International Tunnelling Association (ITA)**

IEM is officially represented by IEM President with Ir. Dr. Ooi Teik Aun as alternate representative. IEM with the support of ITA organised the Southeast Asian Conference and Exhibition on Tunnelling and Underground Space 2024 (SEACETUS2024) from 5-7 March 2024 at KLCC with the theme "Innovation and Sustainable Underground Space Development".

The 50th Annual Meeting of ITA would be held in Shenzhen (China) from 19-25 April 2024 in conjunction with the World Tunnel Congress AITES-ITA 2024 "Tunnelling for a Better Life".

11.20 **International Activities**

The Institution also continues to foster close relationships with professional Institution in USA, UK, Japan, Korea and China. Some of these organisations are:

- Institution of Engineers, Singapore (IES)
- Hong Kong Institution of Engineers (HKIE)
- Engineers Australia (EA)
- Korea Professional Engineers Association (KPEA)
- The Institute of Electrical and Electronic Engineers, USA (IEEE)
- The Institution of Mechanical Engineers, UK (IMechE)
- The Institution of Chemical Engineers, UK (ICChemE)
- The Institution of Engineering and Technology (IET)
- Japan Federation of Engineering Societies (JFES)
- China Association for Science and Technology (CAST)
- The Institution of Engineers, India (IEI)
- Malaysia Joint Branch Royal Institution of Naval Architects and Institute of Marine Engineering, Science and Technology (MJB-RINA IMarEST)
- Chinese Mechanical Engineering Society (CMES)
- Federation of Myanmar Engineering Societies (Fed.MES)

12 **AWARDS COMMITTEE**

12.1 Ir. Prof. Dr. Norlida Buniyamin, the IEM President, chaired this Committee for the session 2023/2024. The Committee met 4 times in the session to discuss as well as evaluate the submissions for the various IEM awards as follows:

- Outstanding Engineering Achievement Award
- Award for Contribution to Engineering Profession in Malaysia
- Woman Engineer Award
- Young Engineer Award
- Engineering Hall of Fame
- Best Technical Papers Award

The list of winners for these awards are tabulated in the front pages of this Annual Report.

12.2 Other duties of the Awards Committee included identifying prominent and distinguished members who have contributed to the construction, engineering profession and nation for consideration to be nominated and conferred the following:

- IEM Honorary Membership
- AFEO Honorary Membership
- FEIAP Engineer of The Year

- 12.3 Besides the nomination of candidates, awards and conferment of titles, the Committee also submitted names and nominees for the Federal and State awards for Datukships and various other decorations.

The Committee also looked into other awards both locally and overseas that members of the Institution or outstanding projects could be encouraged to submit their credentials. Such awards include:

- WFEO Awards - Medal of Excellence
- ASEAN Outstanding Engineering Achievement Award
- CIDB MCIEA Awards
- Merdeka Award
- Malaysian Service Providers Confederation Award
- Society of Chemical Engineers, Japan Award

13 SPECIAL COMMITTEE ON AMENDMENTS TO CONSTITUTION AND BYLAWS

- 13.1 Further improvements are being made by the Special Committee under the chairmanship of Ir. Lai Sze Ching and will be presented to the AGM on 20 April 2024 for approval.
- 13.2 The proposed amendments approved by the Council for presentation to the AGM are tabulated at the front pages of this Annual Report.

14 IEM EDUCATION FUND

- 14.1 The Board of Management of the IEM Education Fund continued to be chaired by the IEM President. This Committee meets once every three months to monitor the activities of the Fund and to consider scholarship to the needy students.

Like previous years, gold medals were awarded to the best final year engineering students from all the universities and institution of higher learning in Malaysia who have collaboration with IEM were presented with the gold medal. A total of 27 universities submitted their nominees for the IEM Gold Medal Award 2022 which was subsequently presented during IEM's 63rd Annual Dinner on 15 July 2023.

The IEM Book Prize is awarded to the best first year engineering student of all universities who had signed MOUs with IEM. This year, only 1 student was recommended from one of these IHLs and was presented with the Book Prize of RM500.

Scholarships available for application were announced in the IEM official website regularly. For the year 2023, the Presidential Scholarship, Thean Lip Thong Memorial Scholarship, Koon Yew Yin Scholarship, TT Chiam Scholarship as well as the Tan Sri Datuk Ir. Prof. Chin Fung Kee Memorial Scholarship was open for application.

Interviews were conducted in September and October year 2023. The recipients are:

Ooi Yun Sheng	IEM Presidential Scholarship
Hew Jian Hao	TT Chiam Scholarship
Teoh Chi Yang	Ir. Thean Lip Thong Memorial Scholarship
Soong Jian Hua	Mr. Koon Yew Yin Scholarship
Sugindri a/p Lingas Varan	Mr. Koon Yew Yin Scholarship
Wong Choi Tae	Mr. Koon Yew Yin Scholarship
Yong Jin Ye	Mr. Koon Yew Yin Scholarship
Daniel a/l Francis	Mr. Koon Yew Yin Scholarship
Navashree a/p Sukalingam	Tan Sri Datuk Ir. Prof. Chin Fung Kee Memorial Scholarship

Koon Yew Yin Perak Scholarship was awarded to only 1 candidate listed below. This scholarship was established with a donation from Mr. Koon Yew Yin for students from the state of Perak.

Ineshkumar Sathiakumar	RM9,000.80
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For the year 2023, total amount of donations by members to the IEM Education Fund stood at RM22,681.02, compared to RM30,415.65 in 2022. The Board would also like to record its sincere appreciation to all IEM members who donated generously to the IEM Education Fund. In addition, there was also a contribution of RM100,000 from IJM Berhad to establish an IJM-IEM Scholarship.

14.2 IEM Student Sections

IEM now has 34 IEM Student Sections set up at various universities.

These Student Sections are based at the following universities:

- (1) Universiti Multimedia – MMU
- (2) Universiti Teknologi Malaysia – UTM
- (3) Universiti Sains Malaysia – USM (Nibong Tebal, Pulau Pinang)
- (4) Universiti Teknologi MARA – UiTM (Shah Alam)
- (5) Universiti Tenaga Malaysia – UNITEN (Bangi)
- (6) Universiti Tunku Abdul Rahman – UTAR (KL)
- (7) Universiti Teknologi Petronas – UTP (Perak)
- (8) Universiti Malaysia Sabah – UMS (Sabah)
- (9) Universiti Malaysia Pahang – UMP (Pahang)
- (10) Universiti Tun Hussein Onn Malaysia – UTHM (Batu Pahat)
- (11) Curtin University – Curtin (Sarawak)
- (12) Universiti Malaysia Perlis – (UniMAP)
- (13) Universiti Teknikal Malaysia Melaka (UTeM)
- (14) Universiti Malaysia Sarawak (UNIMAS)
- (15) Universiti College Sedaya International (UCSI)
- (16) Asia Pacific University of Technology and Innovation (APU)
- (17) Monash University Malaysia (MUKL)
- (18) Taylor’s University – Lakeside Campus (Subang)
- (19) The University of Nottingham Malaysia
- (20) Nilai University
- (21) Manipal University
- (22) SEGi University
- (23) Tunku Abdul Rahman University College
- (24) MAHSA University
- (25) Universiti Kebangsaan Malaysia (UKM)
- (26) Universiti Malaya (UM)
- (27) AIMST University
- (28) Infrastructure Universiti Kuala Lumpur (IUKL)
- (29) Heriot-Watt University Malaysia (HWUM)
- (30) KDU University College
- (31) Universiti Putra Malaysia (UPM)
- (32) Xiamen University Malaysia (XMUM)
- (33) Politeknik Ungku Omar (PUO)
- (34) Southern University Collect (SUC)

The Board allocates a budget of RM1,000.00 to each Student Section for its annual activities. Student Sections can submit their proposed plan for activities to request for the allocation.

- 14.3 The Education Fund Management Board also continue to sponsor the Tan Sri Hj. Yusoff Ibrahim FYP (Final Year Project) Competition in 2023. The winners for 2023 are as follows:

Winner	Discipline	Project Title
Tang Yien Yu <i>Curtin University Malaysia</i>	Environmental Engineering	The Occurrence of Microplastics in Water, Sediment and Fish of Rajang River in Sibul, Sarawak
2nd	Discipline	Project Title
Muhammad Faris Shah Bin Shabudin <i>OUW Malaysia</i>	Mechanical Engineering	Bio-oil Production from Banana Peel Feedstock: Pretreatment Optimization of Thermal Drying Parameters
3rd	Discipline	Project Title
Ho Kenyi <i>Curtin University Malaysia</i>	Chemical Engineering	Evaluation and Optimization of Coagulation-Flocculation Process using Durio Zibethinus (Durian) and Artocarpus Heterophyllus (Jackfruit) as Natural Coagulants

Consolation Prizes	Discipline	Project Title
Jasfeeqree Bin Jasmih <i>Universiti Malaysia Sabah (UMS)</i>	Civil Engineering	Estimation Of Life Loss And Direct Damage Due To Flooding Using Hec-Lifesim Model
Lee Joon Yew UCSI	Chemical Engineering	Deep Eutectic Solvent Pretreatment For The Production Of Hydrogel
Thean Zhen Hui UTAR	Electronics (Computer Networking)	Advancing Indoor Positioning: Integrating LED Technology and Machine Learning for Enhanced Accuracy

15 IEM POSITION PAPERS

- 15.1 The Co-ordinating Committee for Position Papers chaired by the President, Ir. Prof. Dr. Norlida Buniyamina continued to monitor and co-ordinate the progress of the Committees set up to prepare each position paper.
- 15.2 Position Paper that has been submitted or presented to the Ministries, State Ministers, Local Authorities and etc.

No.	Position Paper Title	Chairman	Ministries, State Ministers, Local Authorities and etc.
1.	The Impact of Sea Level Rise on Coastal Communities and Development	Dato' Ir. Nor Hisham Ghazali, DRRAB	<ul style="list-style-type: none"> i. Chief Minister, Penang ii. Chief Minister, Terengganu iii. Deputy Minister of Economy iv. Premier Sarawak
2.	Revolutionized Construction 4.0	Ir. Prof. Dr. Jeffrey Chi-ang Choong Luin	<ul style="list-style-type: none"> i. Construction Industry Development Board (CIDB) ii. Ministry of Works iii. Ministry of Housing and Local Authority iv. Ministry of Human Resource v. Ministry of Higher Education vi. Ministry of Education vii. Ministry of Science, Technology and Innovative viii. Ministry of Finance ix. Ministry of Ministry of Investment, Trade and Industry x. Malaysian Administrative Modernisation and Management Planning Unit xi. Implementation Coordination Unit, JPM xii. Board of Engineers Malaysia xiii. Malaysian Civil Aviation Authority xiv. Real Estate and Housing Development Association xv. Association of Consulting Engineers Malaysia
3.	IEM Engineering Guideline on the Prevention and Control of Dengue	Dato' Ir. Lim Chow Hock	<ul style="list-style-type: none"> i. Prime Minister's Department of Malaysia ii. Ministry of Works iii. Ministry of Housing and Local Authority iv. Ministry of Health v. Ministry of Agriculture and Food Security vi. University of Teknologi Malaysia, Johor vii. Singapore Consul-General, Johor viii. Majlis Bandaraya Johor Bahru

			ix. Exco Chairman of Kesihatan Melaka x. Majlis Bandaraya Melaka Bersejarah xi. Epidemiologist from Melaka State Health Department xii. Dewan Bandaraya Kota Kinabalu xiii. Pengarah Kesihatan Melaka xiv. Pengarah Jabatan Keselamatan dan Kesihatan Pulau Pinang xv. Pengarah Jabatan Pengairan dan Saliran Negeri Pulau Pinang xvi. Director Public Works Department, Pulau Pinang
4.	Flash Flood in Malaysia	Ir. Dr. Wong Wai Sam, WRTD	i. Ministry of Natural Resources, Energy and Climate Change ii. Ministry of Housing and Local Authority iii. All State Ministers

15.3 Position Paper and Guideline have been successfully completed:

There were no Position Papers or guidelines completed during the session.

15.4 Position Papers currently in progress are as follows:

No.	Position Paper Title	Chairman
1.	Promoting Active Transportation in Achieving Low Carbon City	Ir. Prof. Dr. Khoo Hooi Ling, HTETD
2.	Hydrogen as a New Energy Course	Ir. Kwok Yew Hoe Joint Collaboration of EETD, METD, ENETD & CETD
3.	Electronic Industry Ecosystem in Malaysia – Challenges and Opportunities in Supply Chain, Talent and Technology Development	Dr. Leow Cheah Wei, eETD
4.	Opportunities and Risks of Nanotechnology Products in Malaysia	Ir. Prof. Dr. Cheong Kuan Yew, MaTD
5.	Guideline on Design of School Buildings for Epidemic Prevention	Ir. Dr. Bhuvendhraa Rudrusamy
6.	Water Supply Resilience in Malaysia	Ir. Steven Toh Chin Kok, DRRAB
7.	1. Engineering Malaysia's Digital Future: The Institution of Engineers Malaysia's Position on Capacity Building for Digital Transformation 2. Development on Smart Manufacturing Guidelines	Ir. Ts. Prof. Dr. Tan Chee Fai
8.	Engineer's Roles in Construction Safety	Ir. Francis Ngiam Kee Hwee, SESIG
9.	Accreditation Visit (AV) for Engineering Accreditation Council (EAC) and Engineering Technology Accreditation Council (ETAC) – Directive and Standing for Virtual AV and Hybrid AV in Previous and Future Implementation	Ir. Prof. Dr. Saiddi Ali Firdaus Mohamed Ishak, E2TD

16 BRANCHES AND SECTIONS

16.1 Penang Branch

16.1.1 Ir. Chan Wah Cheong was elected as the Branch Chairman for session 2023/2024. The total membership of the Branch stands at 2,267 as at December 2023 comprising 31 Fellows, 6 Senior Members, 605 Members, 18 Senior Graduates, 500 Graduates, 3 Incorporated Members, 2 Engineering Technologist Graduate Members, 2 Engineering Technician Graduate Members, 2 Associate Members, 1 Affiliate Member and 1,097 Student Members.

During the year of 2023, the IEM Penang Branch Committee together with the Young Engineers Section (YES), Women Engineers (WE), Geotechnical Engineering Sub Committee, Heritage Sub Committee, STEM Sub Committee and also ESG Sub Committee organized numerous activities. School career talks, Universities Recruitment Drives and Competitions were also organized as awareness programmes for students for them to understand engineering career. Seminars, courses, workshops, and technical talks were also conducted solely aimed towards the success of Continuous Professional Development and Lifelong Learning Programmes.

A total of 90 activities with 119.5 CPD were carried out in 2023 as shown below.

01/01/2023	Blood Donation Campaign at Prangin Mall Organised by Women Engineers (WE) with Pertubuhan Hui Yin Seh Blood. 50 people donated blood during the campaign.
07/01/2023	Online Dialogue with PI Development and Professional Interview Board Joint discussion with HQ on the Outcome Based Professional Interview together with Sabah and Sarawak Branches.
07/01/2023	Online Talk "How electric vehicles (EVs) & smart charging infrastructure can contribute to low carbon economy in Malaysia?" 89 participants attended the talk by Mr. Tan Lim Soon Fu.
11/01/2023	Collaboration with USM & UiTM on Earthquake Engineering Sub-Committee on Tutorial & Training 8 students attended the training at IEM Penang office.
14-15/01/2023	Friendly match between IEM Penang members with local authorities and professional bodies 26 members attended this activity.
28/01/2023	Gotong Royong & Charity Drive & CNY Celebration 15 Executive Committee, WE & YES members attended this activity with YBhg. Kumaresan a/l Aramugam as invited guest.
04/02/2023	YES Annual General Meeting 23 YES members attended this AGM.
11/02/2023	Online Talk on Impact of Travel Information on Traveller Behaviour in Malaysia Ir. Khoo Hooi Ling was the speaker of the talk attended by 21 participants.
18/02/2023	Route to MIEM & Professional Engineer 69 participants attended this talk by Ir. Dr. Mui Kai Yin.
21/02/2023	Online Talk on Importance of Health & Safety in the Oil and Gas Industry The talk by Mr. Suraj Singh Shergill was attended by 18 participants.
11/03/2023	Online Talk on Professional Series: Seismic Design and Earthquake Engineering (Part 5 of 5) : Challenges in the Design of Tall Buildings against Earthquake and Wind Loads 53 participants attended the talk by Prof. Madya Ts. Dr. Mohammadreza Vafaei.
16/03/2023	Online Talk on the Detection and Estimation on Artificial Corroded Rebars in Reinforced Concrete Structure by using Ground Penetrating Radar The talk by Ts. Syahrul Fithry bin Senin was attended by 74 participants.
24/03/2023	IEM Penang Branch's 56th Annual General Meeting 128 members attended the AGM which was held via hybrid mode.
30/03/2023	Online Talk on Safe High-Rise Drainage using Studor Active Drainage System 69 participants attended the talk by Ms. Chan Ai Ling.
07/04/2023	Technical Visit to Greotech Integration (M) Sdn Bhd 5 Members from eETD attended the visit.
19/04/2023	Talk on Data Driven Decisions for Smarter Manufacturing 16 participants attended the talk by Mr. Woon Mun Keat.
05/05/2023	Career Talk at SMK Bukit Jambul, Penang Approximately 150 students attended the talk.
10/05/2023	Engineering Career Talk 2023 Ir. Dr. Lee Choo Yong and Mr. Tan Eng Tong were the speakers for this talk which was attended by 65 participants.
11/05/2023	Courtesy Visit to Datuk Bandar MBPP, Dato' Ir Rajendran P Anthony at Mayor's Office IEM President and 6 Branch Committee members attended the courtesy visit.
12/05/2023	Courtesy Visit to the Chief Minister of Penang, YAB Tuan Chow Kon Yeow IEM President and 6 Branch Committee members attended the courtesy visit.

13/05/2023	Talk on Ethics in Engineering Ir. Dr. Mui Kai Yin presented this talk to 152 students from Center of Mechanical Studies of UiTM.
20/05/2023	Technical Visit & Talks : Funicular Railway System of Penang Hill & The Habitat Penang Hill 32 participants attended the talk by Mr. Saraavanan Rachenamoty & Ir. Michael Yap Wern Yian
23/05/2023	Seminar on Optimize Air Compressor Energy Efficiency Mr. Johnathan Huan was the speaker and the seminar was attended by 60 participants.
27/05/2023	The online talk on Introduction to Photonic Technology & Applications by Sulaiman Wadi Harun was attended by 10 members.
30/05/2023	Half Day Seminar on Exploring the Latest Digital Project Delivery for Infrastructure was attended by 32 participants. Ts. Poo Teng Soo and Mr. Syed Dzularnain were the speakers.
03/06/2023	Mr. Chan Chin Loon was the speaker for the seminar on Introduction to Pekat's Earthing & Lighting Protection (ELP) Monitoring System . It was held at JEN Hotel, Penang and attended by 31 participants.
07/06/2023	25 participants attended the Half day Seminar on Specialty Gas Detection System which was held in Penang Secretariat Office. Mr Andy Chew was the speaker.
07/06/2023	Dr. Cheong Kuan Loong was the speaker for the medical talk on ' Let's do screening for colon polyps '. It was held via Online platform and FB live. 22 participants attended.
07/06/2023	Ir. Dr. Lee Choo Yong, Ir. Dr. Chang Chun Kiat & Dr. Masrina were the speakers for talk on ' Career path in Chemical Engineering ' for Univesiti Sains Malaysia (USM) students. About 80 students attended virtually.
10/06/2023	Prof. Madya Ts. Dr. Mohammadreza Vafaei was the speaker for the online talk on " Structural Health Monitoring of Tall Structures " and was attended by 43 participants.
10/06/2023	IEM Penang Branch conducted CSR on Urban Farming: Birds & Waterbirds of Seberang Perai , held at MPKK Taman Sri Rambai Fasa 2, 3 & 4, Penang. There are about 118 participants.
17/06/2023	Ir. Dr. Mui Kai Yin was the speaker for IEM Mentor-Mentee Engagement Workshop -The IEM Engineering Competency Development Mentorship Program . 57 members attended virtually.
24/06/2023	Online Talk on Futile to functional: Demonstration of industrial by-products as sustainable alternative construction materials was attended by 25 participants. Professor Ir. Dr. U. Johnson Alengaram was the speaker.
25/06/2023	17 WE & YES committee organised a Charity Drive to Together Charity for Special Home (Shi Shan) at 28, Lintang Kenanga, Taman Merbau Jaya, 13000 Butterworth, Pulau Pinang.
27/06/2023	8 Branch Committee Members had a courtesy visit and dialogue with TNB, Penang .
06/07/2023	23 members participated in the Half-Day Seminar Delivering the Reinformed Connection held in Penang Secretariat Office. Mr. Yap Chin Seng and Mr. Gary Connah were the speakers.
22/07/2023	Prof. Gan Siew Hua was the speaker for the online health talk on Medicinal Properties of Honey & Honey Products . The talk was attended by 30 participants.
01/08/2023	63 members attended the online talk on Latest Conditions for Developments approval by Jabatan Kerja Raya officer, Ir. Dzulhlimi bin Zulkifli.
03/08/2023	Ir. Ravi Shankar Ayappan was the speaker for the online talk on Traffic Impact Assessment - Scope & Analysis and it was attened by 67 participants.
04/08/2023	9 Branch Committee members attended the Courtesy Visit to Setiausaha Bandaraya, MBPP , Sr. Cheong Chee Hong
04/08/2023	5 Branch Committee members attended the Courtesy Visit to CEO of PBA , Ir. Pathmanathan a/l Krishnan Kutty Raman Nair
05/08/2023	15th Annual General Meeting of Electronic Engineering Technical Division was held via hybrid mode and it was attended by 50 members.
08/08/2023	6 Branch Committee members attended the Courtesy Visit to Pengarah Jabatan Keselamatan dan Kesihatan Pekerjaan (JKKP) , Tuan Hairozie bin Asri
08/08/2023	6 Branch Committee members attended the Courtesy Visit to Pengarah Suruhanjaya Perkhidmatan Air Negara , En. Khithob bin Ahmad

10/08/2023	Prof. Gareth J. Monkman was the speaker for the online talk on Electrostatics, Electroadhesion and Electrorheological Fluids . 10 members attended.
11/08/2023	28 members attended the Technical Visit to Robert Bosch Semiconductor Manufacturing Penang Sdn. Bhd. at Batu Kawan, Penang.
17/08/2023	Ir. Ts. Dr. Goh Lyn Dee was the speaker for the online talk on Structural assessment & monitoring using vibration-based approach . There were 57 participants.
18/08/2023	15 participants attended the Technical Visit to Kuala Muda Solar Farm in Kedah.
18/08/2023	8 Branch Committee members attended the Courtesy Visit to PGC Strategies Sdn Bhd (Penang Green Council) .
23/08/2023	15 participants attended the Technical Visit to Indiumin Batu Kawan, Penang .
24/08/2023	Mr. Saravanesh Supramaniam was the speaker for the talk on “ An Introduction to The Construction Industry Payment And Adjudication Act 2012 (CIPAA 2012) For Engineers ”. It was held in Penang Secretariat Office and attended by 24 members.
25-26/08/2023	“ IEM STEM Innovation Showcase 2023 ” was held in Sekolah Menengah Han Chiang and was attended by 48 students.
26/08/2023	6 participants attended the online talk on Introduction & Path to Become Registered Electrical Energy Manager (REEM) . Assoc. Prof. Dr. Gobbi Ramasamy was the speaker.
02/09/2023	Dr. Mauro Pravettoni and Dr. Saw Min Hsian were the speakers for the Outreach Talk on Urban Solar Photovoltaics which was held at Penang Secretariat Office. 33 members attended.
08/09/2023	There were 6 speakers in the Geotechnical Engineering Seminar 2023 & Sustainable Development , held in Ascott Hotel, Penang attended by 169 participants.
12/09/2023	7 Branch Committee members attended the Courtesy Visit to Jabatan Pengairan & Saliran (JPS) in Komtar, Penang .
15/09/2023	2 Branch Committee members attended the Courtesy Visit to Penang Institute in Brown Road, Penang .
15/09/2023	75 participants attended the online talk by Assoc. Prof. Dr. Poh Phaik Eong. The topic of talk was Decentralised water / wastewater treatment systems – could it be a potential for water security?
16/09/2023	Mr. Johnathan Chew was the speaker for the online health talk on Fueling the Mind: The Impact of Nutrition on Cognitive Performance, Creativity, and Well-being . 23 participants attended the talk.
18/09/2023	16 delegates from IEM, PAM and Jabatan Bomba had a Dialogue in Penang Secretariat Office .
22/09/2023	8 Branch Committee members attended the Courtesy Visit to Pengarah of JKR, YBrs. Ir. Ahmad Nadzri .
23/09/2023	38 participants attended the Badminton Friend Match organized by IEM, PAM and RISM
29/09/2023	25 participants attended the technical visit to Guillemard Reservoir, Tanjung Bungah, Penang .
02/10/2023	Dr. Gan Chong Leong was the speaker for the online talk on Next Decade Package Characterization & Materials Development in Memory Device Packaging . It was attended by 20 participants.
05/10/2023	Mr. Alex Yap and Ir. Steven Ng Si Yoon were the speakers for the Half-day Seminar on Concrete Repair, Protection and Water Leakage Repair & Concrete Admixture Technology held at Penang Secretariat Office. There are 36 attendees.
06/10/2023	7 Branch Committee members attended the Courtesy visit to Chief Minister, YAB Tuan Chow Kon Yeow
08/10/2023	Collaboration with SP Setia Foundation: SCSP Schools Setia Unity in Diversity School Outing Programme - STEM fun learning with IEM (Pg Branch) in conjunction with Minggu Saham Amanah Malaysia (MSAM). Attended by 35 students.
12/10/2023	The Courtesy Visit to Pengarah CIDB , En. Mohammad Farris Abdul Aziz was attended by 5 Branch Committee members.
13/10/2023	The Courtesy Visit to Dato' Cheok Lay Leng, GM of Penang Hill Corporation was attended by 9 Executive Committee.
14/10/2023	Ir. Dr. Mui Kai Yin was the speaker for the 1-Day online workshop on IEM Outcome-Based Professional Interview: Training & Certification Workshop For Interviewers . It was attended by 37 members.

21/10/2023	MaTD Annual General Meeting was conducted via hybrid mode and was attended by 30 members.
21/10/2023	7 YES members carried out a CSR activity on Beach Cleaning at the Queens Water Front roundabout areas, Penang
27/10/2023	Mr Adam Yu was the speaker for the Seminar on Commercial Building Solution (Chiller System) which was held at SPICE Amari. There were 40 attendees.
02/11/2023	7 Branch Committee members attended the Courtesy Visit to YB Zairil Khir Johari, Penang State Executive Councillor for Infrastructure, Transport and Digital.
14/11/2023	4 Branch Committee members attended the Courtesy Visit to Datuk Bandar MBSP, YBhg. Dato' Azhar bin Haji Arshad.
03/11/2023	4 Branch Committee members attended the Courtesy Visit to Setiausaha Bandaraya, MBSP, Hj. Baderul Amin bin Adbul Hamid.
17/11/2023	132 participants attended the Mechanical & Electrical Convention 2023 held at SPICE Convention Centre. There were 11 speakers.
18/11/2023	IEM Penang Branch's 56th Annual Dinner was held at SPICE Convention Centre and there were 790 guests.
30/11/2023	63 participants attended the talk on Design for Patentability , held at UOW Batu Kawan. Prof. Dr. Sergei Ikoenko was the speaker.
01/12/2023	16 participants attended the technical visit to Paramit Malaysia Sdn Bhd in Seberang Perai Tengah, Penang.
01/12/2023	Signing of MOU with Penang Green Council - attended by IEM President, Ir. Prof. Dr. Norlida Binti Buniyamin, Honorary Secretary Ir. Prof. Dr. Zuhaina Zakaria and 6 Penang Branch Committee members.
15/12/2023	Technical visit to SCADA System at NERCC, Wisma TNB Seberang Jaya.

16.2 Southern Branch

16.2.1 Ir. S. Thayala Rajah, served as the Chairman for session 2023/2024. The total membership as of 31 December 2023 stood at 5,071 with 68 Fellows, 1 Honorary Fellow, 4 Senior Members, 787 Members, 27 Senior Graduate Members, 497 Graduate Members, 2 Engineering Technologist Graduate Members, 1 Engineering Technician Graduate Member, 3 Affiliate Members, 6 Incorporated Members, 1 Associate Member and 3674 Student Members.

The following activities were conducted by the Southern Branch for the year 2023:

05/01/2023	Participated in the meeting “ Penyusunan, Pengukuhan Semula Syarat-Syarat dan Pematuhan Kelulusan Pelan Pembangunan MBBJ ” organized by the Department of Development Planning, Majlis Bandaraya Johor Bahru.
09/01/2023	Courtesy Visit to the Office of the Director, Suruhanjaya Tenaga Johor , YBhg. Ir. Mohd Kasim bin Kaswi.
30/01/2023	Participated in the Construction S.O.S Forum & Exhibition and MoU Signing Ceremony Between Johor Local Authorities and Developers, Consultants, Contractors of Johor (DECCO+) at Dewan Kenanga, MBBJ.
11/02/2023	Half-Day Talk on “ Opportunities and Challenges in Operating Wind Tunnel ” was organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
11/02/2023	Badminton Game was organized by YES IEM (Southern Branch) at Tiara Sports World, Johor Bahru.
18/02/2023	Half-Day Talk on “ The Emerging Engineering Technologies in Manufacturing ” was organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
25/02/2023	Half-Day Talk on “ Design and Construction of Precast and Cast In-Situ Concrete Segmental Box Girder Bridges ” was organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
28/02/2023	Courtesy Visit to the Office of Deputy Vice Chancellor UTM (Student Affairs) YBhg. Prof. Dr. Shamsul bin Sahibuddin organized by IEM-UTM Student Section.
04/03/2023	1–Day Seminar on “ Structural Investigations for Repair & Rehabilitation of Concrete Structures ” was organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
08/03/2023	IEM Dengue Task Force Committee Courtesy Visit to the office of EXCO of Public Works, Infrastructure, and Transportation Johor , YB Ir. Ts. Mohamad Fazli bin Mohamad Salleh.

11/03/2023	AER NMC Branch Roadshow Series - IEM (Southern Branch) Roadshow was organized by IEM (Southern Branch) in collaboration with ASEAN Engineering Register (AER) at IEM (Southern Branch) Training Centre, Johor Bahru.
14/03/2023	Networking Session between IEM (Southern Branch) with the Institution of Engineers, Singapore (IES) at TROVE Hotel, Johor Bahru.
25/03/2023	Talk on “ Advanced Air Purification System Which Utilizes Hydroxyl Radicals (OH-) to Achieve Superior IAQ ” in collaboration with Panasonic Air-Conditioning Malaysia (PACMY). The talk was held in conjunction with the 50 th Annual General Meeting of IEM (Southern Branch) at Holiday Villa, Johor Bahru.
25/03/2023	50th Annual General Meeting (AGM) of The Institution of Engineers, Malaysia (Southern Branch) was conducted at The Holiday Villa, Johor Bahru with an attendance of 113 members.
01/04/2023	IEM-UTHM Virtual Membership Drive 2022/2023 organized by IEM-UTHM Student Section via Microsoft Teams Platform.
05/04/2023	Participated in the Presentation of the IEM Guideline on Prevention and Control of Dengue to members of the Jawatankuasa Tindakan Wabak Denggi Negeri Johor chaired by Johor Health and Unity Committee Chairman, YB Ling Tian Soon.
16/04/2023	Merchandise Selling organized by UTM-Student Section at UTM Skudai, Johor Bahru.
28-29/04/2023 & 06/05/2023	Employability Series 2.0: Road to Success Workshop organized by IEM-UTM Student Section via Zoom and Google Meet.
29/04/2023	LnD 5: Effective Communication & Presentation organized by IEM-UTM Student Section via Google Meet.
13/05/2023	A Half-Day Technical Visit to MP Industries Sdn. Bhd. at Pasir Gudang, Johor. Bahru Stainless Sdn. Bhd.
19/05/2023	IEM (Southern Branch) Hari Raya Open House 2023 was held at The Ponderosa Golf & Country Resort.
20/05/2023	Invencomax 3.0 Workshop organized by IEM-UTM Student Section at UTM Skudai, Johor Bahru.
27/05/2023	LnD 6: Excel & Email Hacks organized by IEM-UTM Student Section via Google Meet.
27/05/2023	Talk on “ Route to be M.I.E.M and Professional Engineer ” in conjunction with Seminar Kejuruteraan Awam (SEMKA) Program Perdana Semester 2, Session 2022/2023 at Faculty of Civil Engineering, UTM Skudai, Johor Bahru.
27/05/2023	Webinar: Building a Sustainable Future: Rainwater Harvesting System in Green Building organized by IEM-UTHM Student Section via Microsoft Teams Platform.
01/06/2023	MATLAB Workshop organized by IEM – UTHM Student Section at UTHM Batu Pahat, Johor.
02/06/2023	Industrial Visit to Wentel Engineering Sdn. Bhd. organized by IEM – UTHM Student Section.
02/06/2023	Explore Singapore: Visited Nanyang Technological University, Singapore organized by IEM-UTM Student Section. 40 UTM students participated in visiting Nanyang Technological University, Singapore for networking and experience sharing.
10/06/2023	IEM (Southern Branch) Blood Donation Drive 2023 organized by IEM (Southern Branch) at Johor Bahru Blood Donation Suite, The Mall, Mid Valley Southkey.
13/06/2023	Industrial Seminar SKEE4012 2022/2023 II for Students of Faculty of Electrical Engineering at UTM Skudai, Johor Bahru.
14/06/2023	Hi-Tea Session and discussion with Southern University College organized by IEM (Southern Branch) at Southern University College.
24/06/2023	Half-Day Workshop on “ Understanding SLAM Theory and Applications ” was organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
08/07/2023	Professional Interview Workshop – Outcome-Based Competence Assessment (OBCA): “Route to Become M.I.E.M and Professional Engineers” for Graduate Members at IEM (Southern Branch) Training Centre, Johor Bahru.
09/07/2023	Professional Interview Workshop – Outcome-Based Competence Assessment (OBCA) Professional Interview Process for Civil Engineering Lecturer and Staff at UTM Skudai, Johor Bahru.
13/07/2023	A Half-Day Technical Visit to Rapiscan Systems Sdn. Bhd. at Skudai, Johor.

05/08/2023	Half Day Talk on " Development in Structural Health Monitoring Systems " by Assoc. Prof. Dr. Mohammadreza Vafaei was organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
05-06/08/2023	Team Building was organized by YES IEM (Southern Branch) at A'Famosa Resort, Melaka.
14/08/2023	Courtesy Visit to the Office of the Deputy General Manager of Malaysia Rapid Transit System Sdn. Bhd. , Mr. Asnan Ayob.
21/08/2023	Half Day Talk on " Sewerage Reticulation Design Guidelines and Approval Application " by Indah Water Konsortium (IWK) was organized by IEM (Southern Branch) at IWK, Johor Bahru.
25/08/2023	Participated in Dialogue Session with Key Industry Stakeholders organized by the Chartered Institute of Building Malaysia at University of Reading Malaysia, Johor.
27/08/2023	Badminton Game was organized by YES IEM (Southern Branch) at Daiman Sri Skudai, Johor Bahru.
09/09/2023	1-Day Course on " Seismic Design of Building According to Malaysia National Annex " by Assoc. Prof. Dr. Mohammadreza Vafaei was organized by IEM (Southern Branch) at The Grand Paragon Hotel, Johor Bahru.
19/09/2023	Talk on " Route to be M.I.E.M and Professional Engineer " for Ranhill Syarikat Air Johor (SAJ) at SAJ Main Office.
01/10/2023	STEM Program: 1st session organized by YES IEM (Southern Branch) at SMK Dato' Syed Esa, Batu Pahat, Johor.
07/10/2023	A Half-Day Technical Visit to KHP Steel Product (M) Sdn. Bhd. (KEXTRA) at Batu Pahat, Johor.
14/10/2023	Half Day Talk on " Innovative Technology in Conveyance of Water and Sewerage-Oriented PVC Pipes " was organized by IEM (Southern Branch) in collaboration with Molecor (SEA) Sdn. Bhd. at Holiday Inn Johor Bahru City Centre.
15/10/2023	Talk on " Route to be M.I.E.M and Professional Engineer " in conjunction with the Program of Engineering Scholar to Practitioner organized by the Faculty of Electrical and Electronic Engineering, UTHM for staff with an Electrical and Electronic Engineering background.
15/10/2023	Talk on " Introduction to IEM " for the Students at UTHM, Pagoh, Johor.
18/10/2023	Half Day Talk on " Commercial Building Solution with Chiller System and Variable Refrigerant Flow (VRF) " was organized by IEM (Southern Branch) in collaboration with Midea Scott & English Electronics Sdn. Bhd. at Holiday Villa Johor Bahru.
28/10/2023	Half-Day Talk on " Vibration Mitigation Devices " by Assoc. Prof. Dr. Mohammadreza Vafaei was organized by IEM (Southern Branch) in conjunction with the IEM (Southern Branch) Annual Dinner and Awards Night 2023 at Holiday Villa Johor Bahru.
28/10/2023	IEM (Southern Branch) Annual Dinner and Awards Night 2023 – 52 Years Anniversary & Golden Jubilee was held at Holiday Villa Johor Bahru.
29/10/2023	IEM (Southern Branch) Fellowship Mini Golf Tournament 2023 in conjunction with 52 Years Anniversary & Golden Jubilee Celebration (8 Flights) was organized by IEM (Southern Branch) at Austin Heights Golf & Hotel Resort. Participants from IES (Spore and Johor Professionals)
29/10/2023	STEM Program: 2nd session organized by YES IEM (Southern Branch) via Zoom Platform. SMK Dato' Syed Esa, Batu Pahat, Johor.
02-05/11/2023	YES National Summit 2023 . Six representatives from YES IEM (Southern Branch), 2 representatives from IEM-UTM Student Section, 4 representatives from IEM-UTHM Student Section participated in National Summit 2023, held at Ipoh, Perak.
05/11/2023	Talk on " Introduction to IEM and BEM " for First Year Students of Faculty of Chemical and Energy Engineering at UTM Skudai, Johor Bahru.
13-14/11/2023	UTM Top Bidder Session 2023/2024 organized by IEM-UTM Student Section at UTM Skudai, Johor Bahru.
17/11/2023	Participated in " Career Path Program: Seminar on Building Industry " organized by Johor Master Builders Association (JMBA) in collaboration with Royal Institution of Surveyors Malaysia (RISM) (Johor Branch) at Chong Hwa High School Kluang.
18/11/2023	Professional Interview Workshop – Outcome-Based Competence Assessment (OBCA): "Route to Become M.I.E.M and Professional Engineers" for Graduate Members at IEM (Southern Branch) Training Centre, Johor Bahru.

20-23/11/2023	Conference of AFEO (CAFEO 41). The Branch Chairman, Ir. S. Thayala Rajah participated in CAFEO 41/AFEO held at Bali, Indonesia.
23/11/2023	A Half-Day Technical Visit to Terberg Tractors Malaysia at Pasir Gudang, Johor.
25/11/2023	Participated in “ Career Path Program: Seminar on Building Industry ” organized by Johor Master Builders Association (JMBA) in collaboration with Royal Institution of Surveyors Malaysia (RISM) (Johor Branch) at Foon Yew High School- Kulai Campus.
25/11/2023	Talk on “ Route to be M.I.E.M and Professional Engineer ” in conjunction with Seminar Kejuruteraan Awam (SEMKA) Program Perdana Semester 1, Session 2023/2024 at Fakulti Kejuruteraan Awam, UTM Skudai, Johor Bahru.
25-26/11/2023 & 30/11/2023	Employability Series 3.0 Workshop organized by IEM-UTM Student Section via Zoom Platform & Facebook Live.
02/12/2023	The 9th AGM of YES IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
04/12/2023	Participated in the Pertandingan Arca Ikonik Insta JB 2023 organized by Jabatan Landskap Negeri Johor. Ir. Dr. Noor Nabilah Sarbini represented IEM (Southern Branch) as a Jury.
08-10/12/2023	Extracurricular Clubs Management Course organized by IEM-UTM Student Section at UTM Skudai, Johor Bahru.
15-16/12/2023	Merchandise Selling organized by UTM-Student Section at M40 UTM Skudai, Johor Bahru.
29/12/2023	Gotong-Royong was organized by IEM – UTM Student Section at M40, UTM Skudai, Johor Bahru.

16.3 Sabah Branch

16.3.1 A total of twelve (12) Executive Committee meetings were held during the session. A numerous afternoon and evening meetings involving key office bearers were also held to resolve urgent matters from time to time.

Ir. Chin Tet Fu @ Willy continued his second session as Branch Chairman for the session 2023/2024. This was announced during the branch’s 48th Annual General Meeting on 18 March 2023. Total membership stood at 1,895 as at January 2024.

16.3.2 During the session of 2023/2024, thirteen (13) courtesy calls were made to government agencies, Ministries, and other professional bodies and one (1) networking visit were received:

- Courtesy Call to Indonesia Consulate at Kota Kinabalu on 22 February 2023
- Courtesy Call to Sabah KKR Minister on 22 March 2023
- Courtesy Call on DBKK Mayor on 24 July 2023
- Courtesy Call to DBKK Engineering Department on 2 August 2023
- Courtesy Call on YAB Datuk Seri Panglima Haji Hajiji bin Haji Noor, the Chief Minister of Sabah on 24 August 2023
- Courtesy Call to Sabah Tourism Board on 30 October 2023
- Courtesy Call on Datuk Christina Liew Minister of Tourism, Culture and Environment, Sabah (KePKAS) on 3 November 2024
- Courtesy Visit to Majlis Perbandaran Sandakan on 5 December 2023
- Courtesy Call to Sabah Ministry of Works on 11 December 2023
- Networking Visit from MATTA on 20 December 2023
- Courtesy Call on the SICC CEO on 3 January 2024
- Courtesy Call to Sabah Ministry of Works on 17 January 2024
- Courtesy Call on SESB CEO 6 February 2024
- Courtesy Call on the Tuan Yang Terutama Tun Datuk Seri Panglima Haji Juhar bin Haji Mahiruddin, Governor of Sabah on 4 March 2024.

16.3.3 The Sub Committee reported that a total of 36 Professional Interview applications were processed. These consisted of 20 from civil, 7 from mechanical, 8 from electrical and 1 from electronic. To date, 6 applications are still in progress, 29 completed cases were returned to HQ, 1 case referred to HQ and no outstanding cases.

16.3.4 Mr. Ag. Khairul Akmal bin Hj. Kamaluddin was elected as the YES Chairman for session 2023/2024 during the AGM held on 23 February 2023. The YES has been active throughout the session by undertaking noble and meaningful activities. The activities completed during the session included:

- UMS Membership Drive 2023 with UMS Student Chapter KK Polytechnic on 15 April 2023
 - SP Setia CSR Volunteer Weekend at SK Beringis, Papar from 22 to 23 July 2023.
 - Participating CAFEO 41 in Bali, Indonesia from 23 to 25 November 2023.
- 16.3.5 The 15th Inter Professional Bodies Games (IPBG) will be organized in 2025 with IEM Sabah being the Organizing Committee.
- 16.3.6 During the session, the Seminar and Trainings sub-committee had also collaborated with other organisations in organising various courses, workshops, and online talks.
- 16.3.7 Activities undertaken by the UMS liaison Sub Committee included:
- Being one of the co-organisers of the UMS 3rd International Conference on Civil Engineering and Construction Technology 2024 (ICECon2024) on 5 to 6 March 2024.
- 16.3.8 The IEM Sabah 45th Annual Dinner was held on 18 June 2023 at the Grand Hall, Dewan Hakka Association, Likas Bay, Kota Kinabalu. A total of 74 tables were sold. The theme was “The Past, Present, Future.” The guest of honour was YB Datuk Ir. Shahelmey bin Yahya, the Deputy Chief Minister of Sabah cum Minister of Works Sabah.
- The Branch also collaborated with Sabah Engineering Association (SEA) and ACEM Sabah which the 3-engineering fraternity has jointly organised an IEM Sabah / SEA / ACEM Sabah Chinese New Year Gathering & Lion Dance Performance on 17 February 2024 at IEM Sabah premises, attended by members and their families.
- 16.3.9 The building at KKIP continue to be occupied by TAS Oil & Gas as a training centre. Additional 2 storey classroom block and basic offshore safety induction training facilities were built by the tenant at their own cost.
- 16.3.10 Ms. Nor Shakinah Awang Raiman was elected as the WE Chairlady for the session 2024/2025 during the AGM held on 13 January 2024. Among the activities undertaken by the Women Engineers (WE) were:
- IEM Sabah – WE Half Day Talk on “Air Distribution for ACMV” on 6 June 2023
 - Being part of IEM Sabah 45th Annual Dinner organising committee, assisting in securing sponsors, lucky draws and being usherettes during the dinner held on 18 June 2023.
 - SP Setia CSR Volunteer Weekend at SK Beringis, Papar on 22 to 23 July 2023
 - IEM-WE Half-Day Technical Visit to SESB Load Dispatch Centre (LDC) and Technical Talk on Sabah Power Grid System on 27 February 2024.
- 16.3.11 IEM Sabah had participated in numerous meetings and events with governmental and non-governmental organizations. These meetings are intended to assist in the development of the state, which will be able to ensure engineers and the engineering profession plays an important role in nation building. Among the meetings and events included:

DBKK

- Traffic Technical Sub Committee Meeting
- Mesyuarat Jawatankuasa Teknikal Pembangunan Berisiko Tinggi
- Mesyuarat Jawatankuasa Perancangan Bandaraya
- Mesyuarat Proposed Amendment to Approved Development Plan Menaiktaraf Kawasan Persekitaran Pusat Bandaraya KK Pakej-3 Peningkatan Fizikal Kawasan Menara Jam Atkinson & Australian Place
- Sesi Libat Urus ke-2 Penyediaan Pelan KK 2023.
- Sesi Libat Urus Perbincangan Draf Undang-Undang Kecil (Bangunan) Bandaraya Kota Kinabalu 2024.

Majlis Daerah Penampang

- Mesyuarat Khas Jawatankuasa Peredaran Lalulintas Majlis Daerah Penampang
- Mesyuarat Jawatankuasa Bahagian Majlis Daerah Penampang

Majlis Perbandaran Tawau (MPT)

- Mesyuarat Khas Jawatankuasa Perancangan Bandar & Pelan Bangunan Siri: 1/2023

Ministry of Local Government & Housing (MLGH)

- Mesyuarat Perbincangan Undang-Undang Kecil Seragam Earthworks By-Laws 2022
- Bengkel dan Pelancaran Uniform Building By-Laws 2022
- Mesyuarat Membincangkan Prosedur Permohonan Lesen Short-Term Residential Accommodation (STRA)
- Seminar Landskap 2023 "Re-Greeneration: Living, Learning and Growing Together"
- Program Festival I-Hijau (Inisiatif Hijau KKTP, Aspirasi Sabah Maju Jaya): Ke Arah Kod Hijau Sabah.

Sabah Electricity Sdn Bhd (SESB)

- Sesi Perkongsian Ilmu Solar & BESS

Sabah Professional Council

- Meeting on setting up the line-up and portfolios and other current issues. The council members consist of representatives from various professional bodies in Sabah.

Joint IEM Sabah / ACEM Sabah / PAM Sabah Meeting

- Meeting on Term of Referencen (TOR) for High Risk / Traffic

Malaysia Productive Corporation (MPC)

- Bengkel Pemetaan Proses Permohonan & Kelulusan Permit Pembinaan
- Bengkel Libat Urus bersama Pihak Berkepentingan Mengenai Proses Permohonan & Kelulusan Permit Pembinaan
- Bengkel Pembangunan Draf Manual Proses Permohonan dan Kelulusan Permit Pembinaan di Sabah

Jabatan Pendidikan Tinggi (JPT)

- JPT - KPT - Industry Roundtable Discussion "Synergy for the future: Navigating the intersection of industry and academia"

Sabah International Convention Centre & MACEOS

- Business Event Forum "Gathering of the International Business Events Communities"

The Institution of Engineers, Malaysia (IEM HQ)

- Meeting on CAFEO 42 preparations and updates

16.4 **Sarawak Branch**

- 16.4.1 A total of eight (8) Branch Committee Meetings were held during the session. The Branch had its 54th Annual General Meeting on 1 April 2023 at International Engineering Centre (IntEC) and via Zoom. A total of 194 Corporate Members attended the meeting.

The membership of the Branch for year 2023 was 5,649 with 2 Honorary Fellows, 37 Fellows, 5 Senior Members, 833 Members, 1 Engineering Technologist Member, 46 Senior Graduate Members, 818 Graduate Members, 7 Engineering Technologist Graduate Members, 7 Incorporated Members, 8 Associate Members and 3,885 Student Members.

- 16.4.2 The IEM (Sarawak Branch) together with the Graduate & Student (G&S) Section reported that during the session, it had actively organized the following activities:

27/05/2023	Roof it Right By Ms. Jennie Chong and Mr. Ng Cheah Haur
19-/22/06/2023	PMP Boot Camp The course was presented by Ir. Dr. Mui Kai Yin
20/06/2023	AER NMC Roadshow Presented by Ir. Yau Chau Fong and Ir. Dr Siti Hawa Hamzah
26-27/06/2023	Practical & Legal Issues Pertaining to Payment in Construction Contracts (PWD 203/203A - Rev.1/2010) By Sr. Jaspal Singh a/I Nachatar Singh
05-06/07/2023	Off Grid Solar PV Design Short Course The speaker was Ir. Dr. Hazrul Mohamed Basri

30/07/2023	K-CHAT : Digital Security, AI and ChatGPT The speakers were Ir. Tejinder Singh and Dr. Sai Chong Yeh moderated by Ir. Bernard Lim
05/08/2023	The Emerging Engineering Technologies in Manufacturing The speaker was Ir. Bernard Lim
08-09/08/2023	Non-Completion & Damages (LAD) in Construction Contracts – An Overview The speaker was Sr. Jaspal Singh a/l Nachatar Singh
15/08/2023	The Future is Now : Embracing Emerging Technologies for Smart and Sustainable Infrastructure by Panasonic The speakers were Mr. Seelan Kandasamy, Mr. Wil Chan, Mr. Liew Wai Hoong and Ms. Agnes Wong
18/08/2023	Technical Visit to Sibul led by Ir. Rudi bin Abang Zamhari
26/08/2023	Maccaferri : Introduction to Sustain Solution with Reinforced Soil Structure and Rockfall Protection The speaker was Ir. Saiffuddin bin Sheafi
07/09/2023	SOLMAX: Total Geosynthetic Applications and Engineering Solutions for Civil Infrastructure Construction The speakers were Yee Tack Weng, Ir. Marcus Jong Ching Joo, Hermann Ng Hoe Boon
07/09/2023	Revolutionizing Road and Airport Infrastructure: Exploring Cutting-Edge Technologies, Innovative Materials, and Real-World Applications The speakers were Dr. Yeong Jia and Dr. Giustozzi
15/09/2023	Technical Visit to Bintulu led by Ir. Jonathan Law
25-26/09/2023	Practical Completion & Defects in Construction Contracts – An Overview The speaker was Sr. Jaspal Singh a/l Nachatar Singh
26/10/2023	Technical Presentation For PVC-O Pipes and Fittings The speaker was En. Mohd Farid Mohamed Nor
01/11/2023	HDPE Non-Pressure Pipes for Drainage Applications Talk The speaker were Mr. Song Chyn and Ms. Kang Peck Tze
03-04/11/2023	Pile Foundation Course by Dr. Toh Cheng Teik
09/11/2023	Earthing & Lightning Protection For Malaysia The speaker was Mr. Chan Chin Loon
10/11/2023	JKRS 'Nilai' Tender Evaluation The speakers were Ms. Jong Hui Joo and Ms. Lim Yew Hua
21-22/11/2023	2-Day Course on Concrete Bridge Loading and Design to Eurocodes & Introduction of MS EN 1991-2 and MS EN 1992-2 The speaker was Ir. Teh Tzyy Wooi
25/11/2023	The extra obligations and responsibilities of the Superintending Officer and Contractor under the JKRS General Conditions of Contract (ver.2021) in Compason with those in the JKRS Form of Contract The speaker was Sr. Kii Ing Ching
04/12/2023	Structural Dynamics Fundamentals – a Practical Applications Workshop The speakers were Prof. Nicholas Haritos, Dr. Daniel Looi and Professor John Wilson
07/12/2023	Codified second-order analysis for safe and economical design of Steel and Composite Structures The speakers were Dr. Jake Chan, Prof. Dr. YP Liu and Ir. Professor SL Chan
07/12/2023	Latest Designing reinforced soil structures using poor draining soils Course The speaker was Prof. Dr. Chiew Soon Hoe from NUS
29/11-02/12/2023 & 12-16/12/2023 & 18-21/12/2023	Solar PV Design Course The speakers were Prof. Dr. Wan Azlan Wan Zainal Abidin and Ir. Dr. Hazrul Mohamed Basri

16.5 Perak Branch

- 16.5.1 Ir. Assoc Prof Dr. Nursyarizal Mohd Nor was elected Branch Chairman for session 2023/2024. As at 31 December 2023, the membership of the Branch was 2,896 with 2 Honorary Fellows, 24 Fellows, 468 Members, 2 Senior Members, 375 Graduate Members, 7 Senior Members, 9 Incorporated Members, 1 Associate Member, 2 Affiliate members, 4 Engineering Technologist Graduate Members and 1,970 Student Members.

During the session 2023/2024, twelve (12) monthly committee meetings were held to look into the management and activities of the Branch.

16.5.2 Activities organized during the session were as follows:

27/02/2023	Technical talk on High Voltage at Universiti Teknologi PETRONAS by Ir. Dr. Chan Seong Phun.
11/03/2023	39th Annual General Meeting Held at IEM Perak Branch premises with 28 Committee Members including YES attending.
21/03/2023	SSIG Networking session held at Perak Royal Golf Club
12/04/2023	STEM event and competition at SJK Hua Lian Taiping.
05/05/2023	UTAR FYP Poster Competition. Ir. Dr. Perumal Nallagownden served as Judge.
28/05/2023	Engineering Talk session with IEM UTP Student Section at Universiti Teknologi PETRONAS. Speaker was Ir. Dr Perumal Nallagownden.
15/06/2023	Politeknik Ungku Omar FYP Poster Competition. Judge was Ir. Dr Abdul Razak bin Ali.
04/08/2023	STEM Expo and Exhibition organized by UTAR IEM Student Section.
11/09/2023	Courtesy Visit to YB Sandrea (Member of the Perak State Executive Council (EXCO)) to discuss the involvement of IEM Perak members in contributing to the progress and development of the State of Perak.
20/09/2023	UTAR FYP Poster Competition. Judge was Ir. Darren Chin & Ir. Bryan Ng.
21/09/2023	One Day Seminar on “Lightning Protection for Buildings Based on MS IEC 62305 Part 1-4, Design of Capacitor Banks for Buildings and Factories based on MS IEC 60831 Part 1 & 2, ATS based on MS IEC 60497-6-1 & Microprocessor based Generator and ATS Controllers”. Speakers were Ir. Toh Leong Soon, Mr. Ng SF and Mr. Ritesh Lutchman
23/09/2023	Participated in Karnival STEM Gopeng to expose public to Engineering Profession.
03/11/2023	Opening IEM YES National Summit 2023 and Technical Talk on Solar Power at Universiti Teknologi PETRONAS. Speakers were Ir. Dr Nursyarizal Mohd Nor and Ts Dr Ramani Kannan.
03/11/2023	Technical visit to Selektro Spektra at Batu Gajah.
04/11/2023	IEM Perak Gala Dinner & NATSUM Closing Ceremony.
05/11/2023	Technical visit MBI IIOC (UTC Perak).

16.6 Melaka Branch

16.6.1 Ir. Ong Yee Pinn was re-elected as Chairman of the Branch at the 36th Annual General Meeting of the Branch held at Swan Garden Hotel. The Branch membership was noted at 1,485 comprising 9 Fellows, 2 Senior Members, 176 Members, 10 Senior Graduate Members, 167 Graduate Members, 1 Incorporated Member, 1 Associate Member and 1,116 Student Members.

16.6.2 The activities of the Branch during the last session are listed as follows:

18/03/2023	Addressing the current dilemma & challenges faced by Engineers 35 participants attended the talk by Ir. Sh. Ja’afar bin Sh. Ismail
18/03/2023	36th Annual General Meeting 35 participants attended the AGM.
30/05/2023	Courtesy visit to YB EXCO Kesihatan Negeri Melaka, YB Ngee Hee Sem together with Rotary Club Dengue Prevention Task Force 5 Committee members participated in the visit
06-07/06/2023	BIM Roadshow 2023 Edition 2 – Pemerkasaan Perlaksanaan BIM dalam projek JKR 5 Committee members attended this roashow
07/06/2023	Courtesy visit to Datuk Bandar MBMB 8 Committee members attended the visit
24/06/2023	Signing of Memorandum of Understanding (MOU) between IEM and MBMB 7 Committee members attended the event to witness the signing of the MoU
26/06/2023	STeM program at SMK Munshi Abdullah, Batu Berendam, Melaka 2 Committee members led this programme
03/07/2023	Technical briefing to State Health Director in collaboration with Rotary Club Kota Melaka & Johor Bahru 3 Committee members participated in the briefing

18/08/2023	Seminar on Type of Tile Adhesive Under EN Standard & Type of Water Proofing, Introduction Waterblock Laminate Flooring 25 members attended in seminar by Ms. Teresa Lim Gim Cheng, Mr. Kan Chee Kin & Mr. Liew Tai San
22/08/2023	Technical visit to Mamee-Double Decker (M) Sdn. Bhd. 25 participants attended the visit
05/09/2023	Technical visit to Smart Traffic Control System (SPIKTRA) MBMB 20 participants attended this visit
07/10/2023	Technical visit to The Cove project, Kota Syahbandar 35 participants attended this visit
07/10/2023	Melaka Heritage Fun Walk in collaboration with MBMB, TAM & Technical Partners 2 Committee members represented IEMNS in this event
12/10/2023	Technical visit to TKR Manufacturing 14 participants attended the visit
16/10/2023	Technical visit to Invest Melaka 12 members participated in this visit
04/11/2023	Technical discussion with Indah Water Konsortium Sdn. Bhd. (IWK) Melaka on submission, operations and liabilities issues 20 participants attended the discussion with Encik Syamsul Hisham bin Abu Bakar & Encik Mohd Nizam Abdullah
07/11/2023	Technical visit to Huat Lai Paper products 10 participants attended the visit
09/12/2023	IEM-AER Roadshow joint event with IEMNS 1 Committee member and 7 participants joined the the road show

16.7 Negeri Sembilan Branch

16.7.1 The last Branch Annual General Meeting (AGM) was held 27th September 2023 at IEMNS.

Ir. Shahrin Amri bin Jahari was elected as Chairman for session 2022/2023.

16.7.2 The Branch membership was noted at 1,780. There are 13 Fellows, 2 Honorary Members, 326 Members, 14 Senior Graduate Members, 323 Graduate Members, 1 Engineering Technologist Graduate Member, 2 Incorporated Members, 1 Associate Member and 1,060 Student Members.

16.7.3 The Branch activities for the session are listed below:

31/01/2023	Recognition: Ir. Dr. Oh Seong Por Dr. Oh was conferred the Darjah Pekerti Terpilih (DPT) or Distinguished Conduct Order (DCO) by DYMM Yang Di-Pertuan Besar Negeri Sembilan, Tuanku Muhriz Ibni Almarhum Tuanku Munawir
10-12/03/2023	Invitation To Perasmian Expo Perumahan & Hartanah NS (MAPEX) 2023 BY REHDA NS
11/03/2023	Talk to Engineering Students of Universiti Tenaga Nasional Ir. Dr. Oh Seong Por (DPT) presented a talk to UNITEN engineering students. More than 64 students attended.
10/04/2023	Invitation to the INTI International University Engineering Project Day IEMNS & YES IEMNS was invited by the event organizer to assess the students' engineering projects. Competition assessor: Ir. Mohamad Firdaus & Mr. Muhamad Shaiful together with Mr. Chan Jia Wai from YES IEMNS.
12/04/2023	Talk on Industry Expectations to Young Electrical Engineering Graduates at USIM Ir. Raja Harmaini, Manager BHS KLIA 2, was invited as a speaker to deliver the talk to the Electrical Engineering Students of USIM. More than 96 students attended this event.
12/04/2023	YES IEMNS Engineering Talk Session – Introduction to Graduate & Student Young Engineer Section (YES NS) at USIM Ir. Mohamad Firdaus Zainal, Advisor of YES NS was invited as a speaker to deliver the talk to the Electrical Engineering Students of USIM. More than 96 students attended this event.

12/04/2023	<p>Engineering Talk Session / Quick Brief on Route To Become Professional Engineer (P.Eng/Ir.) at USIM Ir. Shahrin Amri Jahari, Chairman of the IEMNS & Dean of FKAB USIM was invited as a speaker to deliver the talk to the Electrical Engineering Students of USIM. More than 96 participants attended this event.</p>
06/05/2023	<p>Invitation as CIDB Speaker – Quality Assessment System in Construction at SST Bina Jaya Sdn Bhd, Ayer Keroh, Melaka Branch Chairman, Ir. Shahrin Amri was invited by the event organizer as a speaker on Quality Assessment Systems in Construction. More than 15 participants attended this event.</p>
15/05/2023	<p>Invitation to the Majlis Perasmian Program Kompetensi TVET Pembinaan KPT at USIM Branch Chairman, Ir. Shahrin Amri attended this event</p>
18/05/2023	<p>Rumah Terbuka Aidilfitri – CIDB Open House Raya 2023 Ir. Dr. Oh Seong Por (DPT) attended this event</p>
20/05/2023	<p>IEMNS EGM 2023 During the 29th AGM on 24 September 2022, the issue on Branch Property of Ownership of the IEMNS building was discussed. Unfortunately, no final decision was made. Therefore, this matter was brought up in this Extraordinary General Meeting (EGM) to obtain a collective decision from all the members. 26 Corporate Members attended this meeting.</p>
20/05/2023	<p>Rumah Terbuka Aidilfitri IEMNS 2023 More than 30 members, partners and friends attended Open House hosted by Branch Chairman Ir. Shahrin Amri Jahari.</p>
25/05/2023	<p>Technical Visit to Daikin Malaysia & Daikin Solution Plaza 13 participants attended this closed visit led by Hon. Treasurer, Ir. Tan Chee Nian. He also represented IEMNS and delivered the token of appreciation to Daikin Malaysia representative Mr. Samuel Lim.</p>
26-27/05/2023	<p>Karnival Minggu Sains Negara Peringkat Negeri Sembilan at USIM Branch Chairman Ir. Shahrin Amri attended this event.</p>
17/06/2023	<p>YES IEMNS Bowling Tournament 2023 at The Sphere Bowl, D'tempat Country Club, Sendayan A total of 41 participants from various disciplines & categories took part in this tournament. Among the participants are the YES IEMNS, INTI International University, PCA Group Sdn Bhd, and University Science Islam Malaysia (USIM).</p>
05-06/09/2023	<p>Invited Guest at Polytechnic Port Dickson Convocation 2023 Ir. Dr. Oh Seong Por (DPT) attended the Polytechnic PD 30th Convocation as an invited guest. He is also serving on the Industry Panel of the Polytechnic PD.</p>
14/09/2023	<p>Sesi Bersama Tenaga Nasional Berhad Negeri Sembilan Ir. Shahrin Amri Jahari & Ir. Azizi Ahamad attended this event.</p>
16/09/2023	<p>Ceramah Industri at Politeknik Port Dickson Delivered by Ir. Dr. Oh Seong Por (DPT) with more than 94 students attended</p>
23/09/2023	<p>YES IEM & IES MEET 2023 The Institution of Engineers Malaysia (IEM) hosted the Institution of Engineers Singapore (IES) during their meeting in 2023. The event was marked by various activities that were designed to promote knowledge-sharing and collaboration among the participants. Representing the Young Engineers Section Negeri Sembilan (YES NS) were Mr. Mohamad Shaiful, the Chairman of the Section, and Dr. Anbia Adam, the Vice Chairman. They made a significant contribution to the event by actively participating in the various activities and discussions.</p>
23/09/2023	<p>30th IEMNS ANNUAL GENERAL MEETING IEM NS members including the External Auditor from TKNP PLT attended this event. The President of IEM, Ir. Prof. Dr. Norlida binti Buniyamin, graciously accepted the invitation and officiated the AGM IEMNS.</p>
13/10/2023	<p>CIDB – Transformers Rise of the Builders Battle 2023 Ir. Shahrin Amri Jahari was appointed to the Assessment Panel Assessment for the event held at MyBIM Centre CIDB.</p>
18/11/2023	<p>IEM Professional Interview Training for New Interviewer 2023 Ir. Mohd Azlan Othman attended this training at IEM HQ along with Ir. Hj. Abdul Rahim Sidek and 2 more participants from NS.</p>
21/11/2023	<p>CAFEO 41 BALI, INDONESIA 2023 Ir. Shahrin Amri, Branch Chairman and Immediate Past Chairman, Ir. Chong Chee Yen attended this event.</p>

23/11/2023	Hari Inovasi Pelajar JKM – MECHA DAY POLI PD Ir. Dr. Oh Seong Por (DPT) was appointed as a Panel Evaluator for the student final year project. He was also appointed as Chairman of the panel of evaluators and Industrial Advisory Panel of Polytechnic PD 2023 till 2024.
25/11/2023	Train The Trainer Session 2023 IEM NS Honorary Secretary, Ir. Mohamad Firdaus Zainal attended this event held at IEMHQ.
28/11/2023	Jemputan Hari GIS9 2023 – Memacu Pembangunan Pintar Nogori Ir. Shahrin Amri Jahari, Chairman of the IEMNS and, Ir. Azizi Ahamad attended this event.
07/12/2023	Technical Talk – Quality in Construction for Diploma Students of Kolej Vokasional PD Ir. Shahrin Amri was a speaker for the Technical Talk on "Quality in Construction" with 2nd-year student Diploma Pembinaan, Kolej Vokasional Port Dickson.
09/12/2023	IEM AER Branch Road Show 2023 The IEM NS Branch has successfully collaborated with The ASEAN Engineering Register (AER) and the IEM Melaka Branch to organize the AER Branch Road Show 2023. The event featured keynotes from distinguished speakers, including Ir. Yau Chau Fong, AFEO Head Commissioner, Ir. Dr. Siti Hawa Hamzah, Country Registrar Malaysia, and Ir. Alex Looi Tink Huey, all of whom shared their valuable insights with an attentive audience. The event, although attended by a smaller group of participants, proved to be fruitful and engaging. Ir. Azizi Ahamad, Ir. Mohd Azlan Othman, Ir. Mohamad Firdaus Zainal, and Ir. Hazlin Harun represented the IEM NS Branch, while Ir. Sures Kumar Ganesan represented the IEM Melaka Branch.

16.7.4 **Contribution to IEM Jurutera**

Immediate Past Chairman of the Branch, Ir. Dr. Oh Seong Por had contributed 5 articles to the IEM Jurutera in the Engineers Lens and Engineers Adventure columns.

16.7.5 **Professional Interviews**

In 2023/2024, IEMNS conducted 45 Professional Interviews (PI) for 45 candidates. The following recorded the distribution of Professional Interview candidates in the IEM NS Branch for session 2023/2024.

No.	Discipline	Pass	Fail	Pending Interview	Pending Result	Referred to Examination Committee	Returned to IEM HQ	Total
1.	Civil	15	3	1	-	1	-	20
2.	Electrical	10	2	-	-	-	-	12
3.	Electronic	3	1	-	-	-	-	4
4.	Mechanical	7	-	-	-	-	1	8
5.	Mechatronic	1	-	-	-	-	-	1
Total Candidate(s)		36	6	1	-	1	1	45

16.8 **Miri Branch**

16.8.1 Ir. Chong Boon Hui was re-elected as the Chairman of the Branch for session 2023/2024. The members stood at 364 numbers in total as in December 2023. The members included 1 Associate Member, 1 Engineering Technologist Graduate Member, 15 Fellows, 141 Graduate Members, 84 Members, 6 Senior Graduate Members and 116 Student Members.

12 committee meetings were held in session 2023-2024 to manage the affairs of the Branch in accordance to the IEM Miri Branch Rules.

16.8.2 The IEM Miri Branch's email address remains as iem.miri@gmail.com while the website www.iemmiri.org.my is no longer in used. Although the IEM Miri's website is no longer active, the Branch constantly update their Facebook social media page, namely "The Institution of Engineers, Malaysia, Miri Branch" which has been set up since 2015. The Facebook social media page enabled the Branch to have better connection with members as well as reaching out and interaction with other Branches and other engineering societies.

IEM Miri had also set up the Telegram channel in 2023 (The IEM Miri Branch) to disseminate information to Miri members. The Branch Office is contactable via fixed line at 085-423718 and mobile number at 012-8093718.

Currently, the IEM Miri Facebook page has 1187 followers, 1113 page likes and being rated as 5 stars while the Telegram channel has 16 subscribers.

16.8.3 Six (6) Professional Interview Candidates were received in year 2023. Three (3) were from Electrical Engineering Discipline and three (3) from Civil Engineering Discipline. A total of five (5) PI Candidates were interviewed in 2023 for election as Corporate Members of the Institution. Three (3) from Electrical Engineering Discipline and Two (2) from Civil Engineering Discipline.

16.8.4 The Branch organized the following activities for the session 2023:

11/03/2023	24 th Annual General Meeting for The IEM Miri Branch at IEM Miri Office
12/03/2023	Participated in Beach cleaning campaign at Marina Beach.
15/03/2023	Public Awareness Talk on Electrical and Gas Safety at Curtin University Malaysia
01/04/2023	Technical visit to Proposed Marudi Bridge project
29/04/2023	IEM Young Engineer Section (YES) Miri 11 th AGM(Hybrid)
12/05/2023	Public Awareness Talk on MET Weather Monitoring and You
13/05/2023	One Day Seminar on: "Structural Investigations for Repair & Rehabilitation of Concrete Structures"
20/05/2023	PE Workshop at Syarikat SESCO Berhad office with 17 participating engineers. The trainer was Ir. Meheron Seloswara
24/05/2023	Dialogue session with MaTD via online platform
30/05/2023	Courtesy visit to PUJA Brunei
30/05/2023	Technical Visit to Sultan Haji Omar Ali Saifuddien (SOAS) bridge construction
31/05/2023	Technical Visit to Brunei Energy Hub Museum & Royal Regalia Museum
16/06/2023	Technical Talk on Piling for bridge construction in Sarawak: Challenges and opportunities
20/07/2023	Webinar on ISO 17025 Uncovered: Understanding the Basics of Laboratory Accreditation
28/07/2023	Technical visit to Proposed LAKU New Headquarters Project
28/07/2023	Technical Visit to Shin Yang Shipyard Miri
29/07/2023	Technical Visit to Shin Yang Shipyard Miri
31/07/2023	Technical Visit to Petronas Miri Crude oil Treatment
12/08/2023	Technical Visit to proposed soil nailing project
26/08/2023	Technical Visit Hua Chan Sauce Factory
01/09/2023	Technical Visit to MJM Palm Oil Mill
17/09/2023	Miri Smart City Scavenger Hunt
04/10/2023	Discussion Session on collaboration between IEM Miri & Miri City Council for City Infrastructure at Miri City Hall
05/10/2023	One day seminar on Traffic Impact Assessment
14/10/2023	Route to Professional Engineer Workshop
20-23/11/2023	CAFEO41 in Bali, Indonesia
29/01/2024	University Malaysia Sabah (UMS) Civil Department Students visited IEM Miri office
22/02/2024	Technical Visit Laku Lambir Water Treatment Plant
01/03/2024	Technical Visit Marudi Bridge Project

16.9 Kedah/Perlis Branch

16.9.1 Ir. Roshasmawi bin Abdul Wahab was re-elected as the Branch Chairman for session 2023/2024. Membership of the Branch for the session is 2,219 comprising 9 Fellows, 1 Senior Member, 273 Members, 11 Senior Graduate Members, 244 Graduate Members, 3 Engineering Technologist Graduate Members, 1 Engineering Technician Graduate Member, 1 Incorporated Member, 4 Associate Members and 1,672 Student Members.

16.9.2 **Activities and Projects**

The Branch organized the following activities for the session 2023:

29/01/2023	Technical Visit to Kedah Jeniang Water Transfer Scheme Project, Phase 1 - Ampang Jajar and Muka Sauk in Sungai Muda, Sik Kedah 44 participants attended the visit.
07/03/2023	Technical Visit to Timah Tasoh Flood Diversion Project 22 participants attended this visit
20/06/2023	Workshop on Coaching for Professional Interviews to Become Corporate Member (MIEM) Guidelines and Assessment of Professional Interview (PI/PEA) 23 participants attended this workshop conducted by Ir. Dr. Mohamad Shaiful Ashrul bin Ishak
09/07/2023	Talk Session: Field Performance Evaluation of Glass Fiber Grid Reinforced Asphalt Pavements Speaker was Dr. Abhijith B. S. and attended by 44 participants.
09/07/2023	AGM was held at Kompleks Latihan MADA, Alor Setar, Kedah
20/08/2023	Talk Session: Biaxial Hollow IBS Precast Slab (Bubble Deck) System 36 participants attended this talk by Ir. Ts. Abang Abaddullah bin Abang Josmani
21/10/2023	Branch Annual Dinner 2023 held at Dewan Ukir Mall, Alor Setar, Kedah

16.9.3 Professional Interview cases received, and status is as follows:

Discipline	Received	Completed
Civil	15	12
Electrical	19	15
Mechanical	6	3

16.10 Terengganu Branch

16.10.1 Ir. Mazlan Che Ku Ahmad was elected as Chairman for session 2023/2024 at the 18th Annual General Meeting of the Branch which was held on 5 March 2023. Membership of the Branch for the session was 1,240 comprising 6 Fellows, 140 Members, 7 Senior Graduate Members, 78 Graduate Members, 1 Engineering Technologist Graduate Member and 1,008 Student Members.

16.10.2 Activities organized by the Branch during the last session are listed below:

18-19/01/2023	Talk on Introduction to IEM at UiTM Cawangan Dungun and Bukit Besi
05/03/2023	18 th Annual General Meeting
11/05/2023	Talk on Route to Professional Engineer
19-20/06/2023	2-Day Course on Critical Path Method Using Microsoft Project
13/07/2023	Talk on Engineering Career at Sekolah Menengah Sains Setiu
20/08/2023	Hybrid Forum on Engineers' Career Growth: Navigating Challenges, Embracing Opportunities
14/09/2023	Half Day Talk on Application of PVC-O Pipe For Infrastructure
25/10/2023	Membership Drive at University Malaysia Terengganu
18/11/2023	Football Match Between IEM Terengganu and Persatuan Arkitek Malaysia, East Coast Chapter
06/11/2023	Careers Insight Career Fair 2023 Negeri Terengganu
19/12/2023	Technical Visit to Projek Menaiktaraf Jambatan Merentasi Sungai Marang

16.11 Kelantan Branch

16.11.1 Ir. Abrizan bin Abdul Kadir took over as Chairman of the Branch for Session 2023/2024. The membership of the Branch is currently 1,540 members comprising 5 Fellows, 2 Senior Members, 162 Members, 2 Senior Graduate Members, 119 Graduate Members, 1 Engineering Technician Graduate Member and 1,249 Student Members.

16.11.2 The following activities were held during the 2023 session:

12/01/2023	Technical Visit To Tapak Projek Penggantian Jambatan Sg Durian, Kuala Krai, Kelantan 18 participants attended this technical visit.
26/01/2023	Technical Visit To Projek Pembangunan Lembangan Sungai Bersepadu (PLSB) Sungai Golok (KESBAN) Fasa 1 28 participants attended the technical visit.

31/01-01/02/2023	Course On: Introduction Domestic Sewerage Treatment Plant And Design Sewerage System 25 participants attended this course.
22/02/2023	Half Day Talk on “Water Pipeline Failures: A Discussion of Causes, Early Detection, Maintenance & Repair” 16 participants attended the talk.
10/03/2023	11th Annual General Meeting at Dewan Malaysia, Kompleks Belia & Sukan The AGM was officiated by the YBhg. Ir. Haji Mohd Khir bin Muhammad, IEM Vice President on behalf of the President. 34 participants attended the AGM.
10/03/2023	2nd Annual Dinner at Perdana Hotel, Kota Bahru The guest of honour, Ir. Hj. Mohd Khir bin Muhammad, Vice-President IEM on behalf of the President. Also present were the Director of Jabatan Kerja Raya Negeri Kelantan, Ir. Mohd Suhaili bin Ismail, Director of Politeknik Kota Baru, Sr. Hj. Mohd Fikri bin Ismail as well as representatives from Air Kelantan Sdn. Bhd., Perbadanan Menteri Besar Kelantan, Tenaga Nasional Berhad and Lembaga Kemajuan Pertanian Kemubu. There were 420 guests, comprising engineers, contractors, developers, government officers, academicians, students and business associates who were entertained by dikir barat performances and lucky draws.
13-14/03/2023	Course On: Introduction Geographic Information System (GIS) For Engineer 31 participants attended the course.
11/05/2023	Technical Visit to Stesen Janakuasa Sultan Ismail Petra, Pergau, Kelantan 32 participants attended the technical visit.
27/05/2023	Webinar On Introduction & Path To Become Registered Electrical Energy Manager (REEM) 7 participants attended the webinar.
01/06/2023	AER NMC Branch Roadshow Series: IEM Kelantan Branch Roadshow 18 participants attended the roadshow.
09/07/2023	Technical Visit To Hub IBS Unit Contoh Rumah Prefab & Modular 37 participants attended the technical visit.
18/07/2023	Half Day Talk On “PVC-O Pipe: Technology And Applications On Water Industry” 26 participants attended this talk.
15/08/2023	Technical Visit to Projek Ladang Solar Terapung Danau Tok Uban 34 participants attended the visit.
22-23/08/2023	Course On: Introduction Design Water Reticulation System 22 participants attended the course.
29/10/2023	Technical Visit to Loji Rawatan Air, Ketereh 30 participants attended the visit.
19/11/2023	Half Day Talk & Technical Visit To Brickwell Engineering Sdn. Bhd. (IBS Manufacturer) 32 Participants attended this talk and visit.
03/12/2023	Technical Visit to Tapak Projek Pembinaan Bangunan Gunasama Persekutuan Kota Bharu, Tunjong, Kelantan (Reka Dan Bina) 16 Participants attended this visit.

16.11.3 There were thirty-two (32) candidates of PI/ PAE for the 2023/2024 session.

16.12 Pahang Branch

16.12.1 Ir. Ab. Rahman bin Hashim was re-elected as the Chairman for the session 2023/2024. Membership of the Branch is currently 1,679 comprising 5 Fellows, 1 Senior Member, 133 Members, 6 Senior Graduate Members, 182 Graduate Members, 2 Engineering Technologist Graduate Members, 2 Affiliate Member, 1 Associate Member and 1,347 Student Members.

16.12.2 The following activities were held during the 2022/2023 session:

03/06/2023	11th Annual General Meeting (AGM) The 11 th AGM of IEM Pahang Branch was held at PPAP, Kuantan. It was attended by IEM Corporate Members, IEM Members and Young Engineer Section (YES).
29/07/2023	Professional Engineer: PE Report Writing Workshop The workshop was delivered by Ir. Ts. Aideelnorfahmee Mohamad and Ir. Ts. Khairul Najah Ishak. It was attended by 25 participants.

01/08/2023	Kunjungan Hormat Ke Pejabat Ketua Pegawai Eksekutif Yayasan Pahang The courtesy visit to Yayasan Pahang office at Kuantan, Pahang was attended by IEM Committee members. The main agenda was the CSR Program between Yayasan Pahang and education institutions in Pahang.
08/09/2023	Mesyuarat Program CSR IEM-Yayasan Pahang Bersama Wakil UMPSA, UITM, POLISAS & PMS It was attended by IEM Pahang committee from UMPSA, UITM, POLISAS and PMS representatives. The main agenda was the CSR Program between Yayasan Pahang and education institutions in Pahang.
14/09/2023	Mesyuarat Program CSR IEM-Yayasan Pahang Bersama Wakil UMPSA, UITM, POLISAS & PMS It was attended by IEM Pahang committee from UMPSA, UITM, POLISAS and PMS representatives. The main agenda was the CSR Program between Yayasan Pahang and education institutions in Pahang.
02/10/2023	One-Day Seminar Mechanical Integrity for Pressurised Machinery through API 580 - Risk Based Inspection (RBI) & Legal Compliance (Collaboration with IFOCS Engtech Sdn Bhd) The seminar was delivered by Ir. Unazie Iskandar bin Abd. Razak, Ir. Ts. Ahmad Shah Heermie bin Abu Bakar and Ir. Ts. Mohd Faiz bin Mohd Bokhadi. It was held at Grand Darul Makmur Hotel, Kuantan, Pahang and was attended by 40 participants.
06/10/2023	Mesyuarat Program CSR IEM-Yayasan Pahang Bersama Wakil UMPSA, UITM, POLISAS & PMS It was attended by IEM Pahang committee from UMPSA, UITM, POLISAS and PMS representatives. The main agenda was the CSR Program between Yayasan Pahang and education institutions in Pahang.
18-19/10/2023	Two-Days Seminar on Facing the Geotechnical Challenges in Tropical Region The seminar was delivered by Prof. Dr. Paulus Pramono Rahadjo and Prof. Ir. Dr. Hj. Ramli bin Hj. Nazir. The seminar was held at Swissbell Hotel, Kuantan, Pahang and was attended by 25 participants.
29/01/2024	Professional Engineer: PE Report Writing Workshop (Collaboration with IMPACTX) The workshop was delivered by Ir. Ts. Aideelnorfahmee Mohamad and Ir. Ts. Khairul Najah Ishak. The workshop was held at Butik Sri Manja, Kuantan, Pahang. It was attended by 25 participants.
01/03/2024	Mesyuarat Program CSR IEM-Yayasan Pahang Bersama Wakil UMPSA, UITM, POLISAS & PMS It was attended by IEM Pahang committee from UMPSA, UITM, POLISAS and PMS representatives. The main agenda was the CSR Program between Yayasan Pahang and education institutions in Pahang.

16.13 Young Engineers Section

16.13.1 Mr. Muhammad Ashiq Marecan, Grad. IEM was re-elected as the Chairman of Young Engineers Section for session 2023/2024 at the 678th Committee Meeting held on 14 January 2023.

16.13.2 *Membership*

The membership of the Section now stands at 39,071 members as at 31 December 2023. The comparative figures for the last 5 years are as follows:

Grade	2020	2021	2022	2023
Graduate	10,010	8,294	8,179	8,507
Student	31,601	25,138	27,720	30,564
	41,611	33,432	35,899	39,071

16.13.3 *Activities Report*

Annual General Meeting

The 53rd Annual General Meeting of the YES for session 2023/2024 was held virtually on 24 June 2023 at IEM Zoom Meeting Room at 09.00 am. A total of 44 members attended this meeting.

16.13.4 **Professional Development Portfolio**

Below is the list of events held by the YES for session 2023/2024:

18/02/2023	Physical "Half Day Course on "Principle and Design of Reinforced Soil Structures with BS8006".
11/03/2023	Physical "1 Day Course Scheduling with Microsoft Project - Practical Fundamentals".
18/03/2023	Career Talk Show on "Breaking Into Your Dream Career: Experts Insight and Practical Advice" by Nestlé, during the IEM x ESUM - YES Open Day 2023 event, held in Universiti Malaya.
18/03/2023	Career Talk Show on "How to Write a Great Resume for Young Engineers" by Mr. Patrick Tan Peng Jun, during the IEM x ESUM - YES Open Day 2023 event, held in Universiti Malaya.
25/03/2023	Physical Half Day Course on "Soil Stabilization with Mechanically Stabilized Layer (MSL)".
06/05/2023	Virtual talk on "Introduction to Property and Financial Investment".
09/09/2023	Power Talk Education by YES on "Career Path as a Young Engineer" during the ENGINEER & MARVEX: YES Open Day 2023 event, held in KLCC.
21/10/2023	Virtual One Day Course on "Introduction to Autocad 2D and 3D".
28/10/2023	Virtual One Day Course on "Introduction to Solidworks 2023".

16.13.5 **Publicity Portfolio**

IEM YES has continued to promote and update their upcoming activities, seminar, workshop, event & etc. using social media platforms.

Facebook Page	IEM YES HQ: https://www.facebook.com/iemyeskl/
Instagram Page	Young Engineers Section (YES): https://www.instagram.com/iemyes/
Telegram Page	IEM Young Engineers Section (YES): https://t.me/joinchat/UZ3xGOyvPq3SV6mf
LinkedIn Page	Young Engineers Section, IEM-YES: https://www.linkedin.com/company/young-engineers-section-iem-yes

IEM YES had also actively encouraged the student sections to submit their campus news to IEM via IEM YES email address iemyoungengineerssection@gmail.com. The campus news serves as a chance to publicize the events, activities and achievements of the student sections and it will be published in the IEM Bulletin.

16.13.6 **External Affairs Portfolio**

Below is the list of events held by the YES for session 2023/2024:

25/02/2023	Represented YES for Malaysia Medical Association (MMA) Annual Installation Dinner in Royale Chulan Seremban
25/02/2023	Represented YES for Program Penanaman Pokok Hutan Di Hutan Simpan in Sultan Idris Shah Forest Education Center (SISFEC), Puchong Selangor.
25/03/2023	Virtual Talk on "Climate Change and The Role of Engineers in Addressing Climate Change & Forests-Ecosystem Service Providers" (In collaboration with Young Engineers-ASEAN Federation of Engineering Organisation (YEAFFEO))
13/05/2023	YES & YQS & MBOT President Coffee Talk.
02/06/2023	Visit to YES Penang Branch.
17/06/2023	Represents YES for Royal Institution of Surveyors Malaysia (RISM) 62nd Annual Dinner in Berjaya Times Square Hotel, Kuala Lumpur
18/06/2023	Hiking with ASHRAE Young Engineer.
24/06/2023	Virtual Talk on "Future of Young Electrical Engineers in ASEAN Region" (In collaboration between ASEAN Engineering Inspectorate-Electrical Installation (AEI-EI) and Young Engineers-ASEAN Federation of Engineering Organisation (YEAFFEO))
19-23/07/2023	AFFEO Midterm 2023 @ Bangkok, Thailand.

26/07/2023	Represented YES for Balai Ikhtisas Malaysia (BIM) 50 th Annual Dinner in Eastin Hotel, Kuala Lumpur.
28/08/2023	YES have supported & participated in National Engineers Day (NED) 2023 organized by The Institution of Engineers, Singapore (IES) in Tay Eng Soon Convention Centre, ITE College Central, Singapore
09/09/2023	YES Logo Competition – prize giving ceremony, at Engineer 2023, KLCC.
23-24/09/3023	IEM IES Meet 2023, jointly organized between IEM Corporate Affairs Standing Committee & YES in Kuala Lumpur, Malaysia.
14/10/2023	Represented YES for Malaysia Joint Branch RINA-IMarEST 34th Annual Dinner in M Resort & Hotel, Kuala Lumpur
29/10/2023	Virtual Talk on “Sustainability Commercialisation Innovation” (In collaboration with Young Engineers-ASEAN Federation of Engineering Organisation (YEAFFEO) & The Federation of Engineering Institutions of Asia and The Pacific (FEIAP), Young Talent Development (YTD)).
28/10/2023	Represented YES for IEM Women Engineers Section (WE) Conference on “Women Empowerment; Unleashing The Potential As Leaders of Change” in Perdana Leadership Foundation, Putrajaya.
04/11/2023	IEM YES Outstanding Awards – prize giving ceremony, at NATSUM 2023, Perak.
21-23/11/2023	Represented IEM to attend YEAFFEO events at the 41 st Conference of ASEAN Federation of Engineering Organization (CAFFEO), at Bali, Indonesia.
02/12/2023	Represented YES for Malaysia Association of Energy Service Companies (MAESCO) Annual Dinner in Four Points by Sheraton, Puchong.
16/12/2023	Jingle & Mingle: Young Professionals Christmas Networking 2023

16.13.7 **Social and Community Service Portfolio**

Below is the list of events held by the YES for session 2023/2024:

18/03/2023	IEM x ESUM - YES Open Day 2023 event, held in Universiti Malaya.
18/03/2023	IEM Sembang Chillax session on “Future of Engineers”.
18/03/2023	Launching ceremony of IEM Universiti Malaya (UM) Student Section.
10-11/06/2023	IEM YES Retreat & Brainstorming Session 2023.
16/07/2023	IEM YES Sport Session (Badminton).
09/09/2023	ENGINEER & MARVEX: YES Open Day 2023 event, at ENGINEER 2023, held in KLCC.
30/09/2023	IEM YES Networking Delight: Tea-time with the Professional Engineers.
14/10/2023	IEM YES Beach Clean Up 2023.
28-29/10/2023	IEM YES STEM Workshop, at KLESF 2023.

16.13.8 **Graduate and Student Affairs Portfolio**

IEM YES stays connected with the student sections via different channels. IEM YES supported the student sections in facilitating of their MDP fund application, Education fund application and attending the respective student sections virtual AGM via online platforms.

IEM YES has also organized the Outstanding IEM Student Section Award and the Outstanding IEM YES Branch Award for the year 2023. All the winners had been announced.

Outstanding IEM Student Section 2023	
1.	IEM UTAR Kampar Student Section
2.	IEM Heriot-Watt University Malaysia (HWUM) Student Section
3.	IEM Swinburne Sarawak Student Section
4.	IEM-SAFE UNIMAS Student Section
5.	IEM Universiti Malaysia Pahang (UMP) Student Section
6.	IEM Universiti Malaya (UM) Student Section

Outstanding IEM YES Branch 2023	
1.	IEM YES Penang Branch
2.	IEM YES Sarawak Branch
3.	IEM YES Sabah Branch
4.	IEM YES Miri Branch

16.14 **Women Engineers Section**

Under clause 9 of the Rules of the Women Engineers Section, the WE Committee received 3 nominations for the position of Chairman at the 114th meeting held on 14 June 2023. Voting was carried out and Ir. Assoc. Prof. Dr. Syuhaida binti Ismail was elected as Chairman for Session 2023/2024. Ir. Mah Siew Kien was elected as Vice Chairman I and Ir. Rusnida Talib was elected as Vice Chairman II for Session 2023/2024.

The section continues to play an active role in promoting and supporting women engineers.

In 2023, IEM-WE had stepped up its effort to inspire more young girls to enter STEM with increased participation in many activities such as science fair, talks, workshop and carnivals at schools. The IEM WE Section has also organised personal development talks and technical talks at IEM premises. The Committee is also actively involved in the promotion of STEM Education together with the National STEM Movement. The Section had participated in the International Women's Day 2023 and the Women in Science 2023 (WiZ) Programme.

Outreach activities for 2023 were:

04-05/03/2023	World Engineering Day (Launching Design Challenge) - In collaboration with MRANTI,
08/03/2023	International Women Day
11/03/2023	Launching of MRANTI – Breakfast with Top Management
18/03/2023	Sembang Chillax - in conjunction with YES Open Day 2023
18-19/03/2023	CSR at Sekolah Kebangsaan Tampoi, Dengkil
08/06/2023	CSR at SK Dato' Keramat 1 in conjunction with World's Ocean Day
13/05/2023	Wiz Programme in Tech Dome Penang
18/03/2023	WEBINAR Talk on "Navigating Your Career as Engineering Professionals – How can you improve your chance of success?"
20/04/2023	WEBINAR Talk on "Beyond The Horizon: Navigating the Future of Aerospace "
03/05/2023	WEBINAR Talk on "Waste to Wealth"
24/05/2023	WEBINAR Talk on "Asset Life Extension Management of Aging Offshore Fields"
07/10/2023	WEBINAR Talk on "Subsea Engineering- What We Do"
28/10/2023	The 1st Women Engineers Conference (IEMWE- C 2023)
27/11/2023	WEBINAR Talk on "The Application of Solar Technology: Through the Eyes of a Woman Engineer"
18/12/2023	WEBINAR Talk on "Supporting STEM Education for Future Engineers: The Vital Roles of Women Engineers"

Ir. Assoc. Prof. Dr. Syuhaida binti Ismail also took over as Secretary General of WEAFFEO at CAFEO 41 in Bali from 21-23 November 2023. The WE Section also participated actively in other international and regional networking sessions. Ir. Assoc. Prof. Dr. Syuhaida binti Ismail and Ir. Dr. Jeyanthi Ramasamy represented WE Section at the Asia Pacific Nation Network (APNN) meeting held in Mongolia from 29 June – 1 July 2023.

The activities of this Section are tabulated and summarised in the summary of events in this Annual Report.

17 **TECHNICAL DIVISIONS AND SPECIAL INTEREST GROUPS**

17.1 **Office Bearers**

TECHNICAL DIVISION / SPECIAL INTEREST GROUP	CHAIRMAN	DEPUTY CHAIRMAN	SECRETARY/ TREASURER
Agricultural & Food Engineering Technical Division (AFETD)	Ir. Yong Hong Liang	Ir. Wan Wai Thong	Ir. Ayob bin Sukra
Building Services Technical Division (BSTD)	Ir. Cha Hoong Kum	Ir. Al-Khairi Mohd Daud	Ir. Sofia Johari
Chemical Engineering Technical Division (CETD)	Ir. Mohamad Anwar Ahmad	Ir. Dr. Teow Yeit Haan	Ir. Vincent Khaw Wei Chuan
Civil and Structural Engineering Technical Division (CSETD)	Ir. Lo Seng Ling	Ir. Ng Beng Hooi	Ir. Dr. Anizahyati binti Alisibramulisi

Consulting Engineers Special Interest Group (CESIG)	Ir. Ts. Prof. Dr. Tan Chee Fai	Ir. Tejinder Singh	Ir. Kamalésen Chandrasekaran
Electrical Engineering Technical Division (EETD)	Ir. Dr. Siow Chun Lim	Ir. Kwok Yew Hoe	Ir. Shamila Ariaratnam
Electronic Engineering Technical Division (eETD)	Ir. Dr. Mui Kai Yin	Ir. Dr. Huzein Fahmi bin Hawari	Ir. Ts. Dr. Tan Kim Seah
Engineering Education Technical Division (E2TD)	Ir. Dr. Balamurugan a/l Annamalai Gurunathan	Ir. Ts. Dr. Dhakshyani a/p Ratnadurai	Ir. Yong Hong Lee
Environmental Engineering Technical Division (ENETD)	Ir. Jaya Chandar a/l Poloha Nadan	Ir. Thirunavukkarasu Namasivayam	Ir. Dr. Lai Mun Kou
Geotechnical Engineering Technical Division (GETD)	Ir. Dr. Chan Swee Huat	Ir. Dr. Gue Chang Shin	Ir. Mak Wai Kin
Highway and Transportation Engineering Technical Division (HTETD)	Ir. Prof. Madya Edwin Goh Boon Hoe	Ir. Foo Kam Fai	Ir. Syed Khairi bin Syed Abbas
Information & Communications Technology Special Interest Group (ICTSIG)	Ir. Amir Hussein bin Jaafar	Ir. Suresh Kumar	Ir. Hor Kok Luen
Marine Engineering and Naval Architecture Technical Division (MNATD)	Ir. Ts. Abdul Malik Hussein bin Abdul Jalil	Ir. Prof. Dr. Ching Yern Chee	Ir. Teh Teoh Hai
Material Engineering Technical Division (MaTD)	Ir. Assoc. Prof. Dr. Wong Yew Hoong	Ir. Dr. Tan Kim Seah	Ir. Dr. Tan Inn Shi
Mechanical Engineering Technical Division (METD)	Ir. Dr. Aidil Chee Tahir	Ir. Ricky Liew Chee Leong	Ir. Tony Cheng Yew Leong
Oil, Gas and Mining Technical Division (OGMTD)	Ir. Lee Chang Quan	Ir. Muhamad Her Hj. Jantan	Ir. Fadhli Shazlan Abdul Rahman
Project Management Technical Division (PMTD)	Ir. Dr. Harris bin Abd Rahman Sabri	Ir. Assoc. Prof. Dr. Syuhaida binti Ismail	Ir. Wan Rizaluddin Ali bin Wan Abdullah
Public Sector Engineers Special Interest Group (PSESIG)	Ir. Shahidan bin Sadiman	Ir. Bhupinder Singh Brar a/l Kirpal Singh Brar	Ir. Mohamad Zaid bin Mohamad Ali
Safety in Engineering Special Interest Group (SESIG)	Ir. Tajul Ariffin bin Mohamed Nori	Ir. Francis, Ngiam Kee Hwee	Ir. Dr. Mohd Fairuz Ab. Rahman
Seniors Special Interest Group (SSIG)	Ir. Chow Sei Ying, Raymond	Ir. Ling Sieh Kieng, Johnny	Ir. Yvonne Fernandez
Tunneling and Underground Space Technical Division (TUSTD)	Ir. Ong Sang Who	Ir. Frankie Cheah Peng Leong	Ir. Dr. Rini Asnida binti Abdullah
Urban Engineering Development Special Interest Group (UEDSIG)	Ir. Benny Lau Eng Kee	Ir. Mike Lau Yee Leong	Ir. Lam Foo Chee

Water Resources Technical Division (WRTD)	YB. Dato' Kapt. (B) Ir. Hj. Anuar Bin Hj. Yahya	Ir. Choek Hou Seng	Ir. Low Sheue Lih, Shirley
Women Engineers Section (WES)	Ir. Assoc. Prof. Dr. Syuhaida binti Ismail	Vice Chairman 1 - Ir. Mah Siew Kien Vice Chairman 2 - Ir. Rusnida binti Talib	Hon. Secretary - Ir. Nur Azhani binti Mohamad Rosli Hon. Treasurer - Y.Bhg. Datin Sri Ir. Hj. Nor Asiah binti Othman
Young Engineers Section (YES)	Mr. Muhammad Ashiq Marecan	Vice Chairman 1 - Mr. Lim Yiren Vice Chairman 2 - Ms. Ong Ye Shian	Hon. Secretary / Hon. Treasurer - Mr. Chuah Pei Lim

17.2 Membership of the Technical Divisions/Special Interest Groups

TD/SIG	2023	TD/SIG	2023	TD/SIG	2023
AFETD	240	GETD	1487	SESIG	127
BSTD	1624	HTETD	1308	SSIG	163
CESIG	980	ICTSIG	350	TUSTD	421
CETD	588	MaTD	168	UEDSIG	200
CSETD	4562	METD	2594	WE	13,495
E2TD	1017	MNATD	338	WRTD	1625
EETD	2708	OGMTD	1568	YES	37,689
eETD	350	PMTD	2918		
ENETD	1206	PSESIG	163		

17.3 Activities Organised

17.3.1 Technical Talks and Visits

TD/SIG	PHYSICAL TALKS	VIRTUAL TALKS	PHYSICAL TECHNICAL VISIT	COMMUNITY SERVICES or OUTDOOR SOCIAL ACTIVITIES
AFETD	0	3	1	0
BSTD	1	4	3	0
CESIG	3	3	3	0
CETD	1	8	1	2
CSETD	0	4	0	0
E2TD	0	10	1	11
EETD	3	22	3	0
eETD	11	0	4	0
ENETD	0	5	3	0
GETD	5	7	2	0
HTETD	0	9	2	0
ICTSIG	0	10	6	10
MaTD	1	11	3	2
METD	2	7	5	0
MNATD	1	8	1	0
OGMTD	1	23	1	0
PMTD	1	20	1	0
PSESIG	1	10	4	0
SESIG	0	6	3	0
SSIG	1	3	1	0
TUSTD	0	2	1	0
UEDSIG	0	7	1	0
WE	0	10	2	6
WRTD	3	3	1	0
YES	0	4	0	2

17.4 Courses/Seminars/Workshops

TD/SIG	WORKSHOP/ COURSE/ SEMINAR			SYMPOSIUM/CONFERENCE			COMPETITION	
	Physical	Virtual	Hybrid	Physical	Virtual	Hybrid	Physical	Virtual
AFETD	0	0	0	0	0	0	0	0
BSTD	4	0	0	0	0	0	1	0
CESIG	0	0	1	0	1	0	0	0
CETD	0	0	0	0	0	0	2	0
CSETD	2	0	2	1	0	1	0	0
E2TD	1	3	0	0	0	0	0	1
EETD	8	5	0	1	0	0	0	0
eETD	0	0	0	0	0	0	1	0
ENETD	0	1	0	0	0	0	0	0
GETD	2	2	1	0	0	0	1	0
HTETD	0	5	0	0	0	0	0	0
ICTSIG	1	0	0	0	0	0	0	0
MaTD	2	0	0	0	0	0	0	1
METD	5	1	0	0	0	0	0	0
MNATD	0	0	0	0	0	0	0	1
OGMTD	0	1	0	0	0	0	0	0
PMTD	1	17	0	0	0	1	0	0
PSESIG	0	1	0	0	0	0	0	0
SESIG	1	0	0	0	0	0	0	0
SSIG	0	2	0	0	0	0	0	0
TUSTD	1	0	1	0	0	0	0	0
UEDSIG	0	1	0	0	0	1	0	0
WE	0	0	0	1	0	0	1	1
WRTD	2	0	0	0	0	0	0	0
YES	0	4	0	1	0	0	0	0

IEM SUMMARY ACTIVITIES 2023
TALKS, VISITS, PAID ACTIVITIES, DIGITAL CLASSES, COMPETITION ETC.
(1st JANUARY 2023 - 31st DECEMBER 2023)

No.	Date & Time	TD/SIG/SEC + Others	Nature	Title	Speaker(s)	No. of Pax
1	04 Jan 2023 9.00am - 5.00pm	PMTD	Webinar Course	Virtual One Day Course on Project Constraints – PMBOK Guide to Scope, Schedule, Risk And Cost Management - Rescheduled from 22 December 2022	Ir. Assoc. Prof. Dr. Abang Annuar Ehsan	38
2	07 Jan 2023 10.00am - 12.00pm	eETD & TAM	Technical Talk	How Electric Vehicles (EVs) and Smart Charging Infrastructure can Contribute to Low Carbon Economy in Malaysia?	Tan Lim Soon Fu	90
3	07 Jan 2023 9.00am - 11.30am	SCDARP	Physical Talk	Workshop Avoidance No. 6	Ir. Leon Weng Seng Ir. Dr. Ooi Teik Aun Ir. Zafrul Mahmood	31
4	10 Jan 2023 9.00am - 5.00pm	WRTD & MSO	Physical Seminar	1 Day Seminar on Environment & ESCP: Equatorial Rainforest Challenges - Essence of erosion & sediment control theory, design & practices	Ir. Leong Kwok Wing	46
5	11 Jan 2023 5.30pm - 7.30 pm	CETD	Physical Talk	Technical Talk on "Distributed Pumping System - Smarter Way to Chilled Water Distribution"	Ms. Lee Siew Wee	31
6	14 Jan 2023 9.00am - 11.00am	OGMTD	Webinar Talk	Webinar Panel Session "Continuing Career Development (Academic) In Oil, Gas & Mining Industry"	Various Speaker	87
7	17 Jan 2023 9.00am - 1.00pm	PSESIG	Technical Visit	Technical Visit to PETRONAS Research Sdn Bhd (PRSB)	-	20
8	18 Jan 2023 2.00pm - 4.00pm	METD	Webinar Talk	Webinar Talk on "Day to Day job of an Avionics Licensed Aircraft Engineer"	Ts. Ee Yong Hua	61
9	19 Jan 2023 3.00pm - 5.00pm	SESIG	Webinar Talk	Webinar Talk on "MS ISO31000:2010 Risk Management – Principles and Guidelines, Seldom Referred To When Addressing Risks"	Ir. Gary Lim Eng Hwa	87
10	28 Jan 2023 10.00am - 12.00pm	EETD & IEM TA	Webinar Talk	"Webinar on Introduction & Path to Become Registered Electrical Energy Manager (REEM)"	Ir. Francis Xavier Jacob	83
11	31 Jan 2023 3.00pm - 5.00pm	PSESIG	Webinar Talk	Webinar Talk on "Engineering Aspect in Urban Planning"	TPr. Dr. Mohamad Sabri bin Ahmad	105
12	31 Jan 2023 4.00pm - 6.00pm	BSTD	Webinar Talk	Webinar Talk on "Good, Bad and Ugly In The Building Services From The Engineering Perspective"	Ir. Gary Lim Eng Hwa	81
13	02 Feb 2023 3.00pm - 5.00pm	PSESIG	Webinar Talk	Webinar Talk on Implementation of Building Information Modelling (BIM) for Government Projects in Malaysia	Ir. Ts. Mohd Faiz bin Shapiai	218
14	04 Feb 2023 11.00am - 1.00pm	CESIG	Physical Talk	Technical Talk on "Why tendering is a must for Government projects and must be addressed with a higher priority than project management, contract administration and site management"	Ir. Vigneaswaran S	20
15	07 Feb 2023 9.00am - 1.00pm	PSESIG	Technical Visit	Technical Visit to MPOB's Plant Factory: The Initiatives towards High Value-Added Products from Palm Biomass	-	25
16	08 Feb 2023 5.30pm - 7.30pm	GETD	Physical Talk	Technical Talk on 'Tropical Weathered Residual Soil, Rainfall and Slope Stability'	Ir. Dr. Low Tian Huat	52
17	11 Feb 2023 11.00am - 1.00pm	ICTSIG	Digital Class	ICTSIG Digital Class (February) on "Practical Internet of Things (IoT) With Free and Open-Source Software (FOSS)"	Ir. Lee Mun Poh	23
18	11 Feb 2023 9.00am - 11.00am	OGMTD	Webinar Talk	Webinar Talk on Well Plug & Abandonment – The Complexities	Ir. Razak Yakob	82
19	11 Feb 2023 11.00am - 1.00pm	CESIG	Physical Talk	Technical Talk on "PhD research into an advanced cyber security global solution the correct, appropriate and timely Malaysian cyber security problem qualification and quantification for global action"	Ir. Vigneaswaran S	10
20	14-16 Feb 2023 10.00am - 5.00pm	E2TD	Awareness Programme	STEM Carnival at Nottingham University	-	
21	15 Feb 2023 3.00pm - 5.00pm	MNATD	Webinar Talk	Webinar Talk on "Condition Based Monitoring (CBM) vs Artificial Intelligence (AI) Characteristics in Marine Applications from An Operators Point of View"	Ir. Ts. Abdul Malik Hussein bin Abdul Jalil	80
22	16 Feb 2023 9:00am - 6:00pm	ICTSIG	Physical Workshop	One day hand-on Workshop "Fiber to the Home Planning and Design"	Mr. Asrul Nazrin bin Ahmad Nuruddin	15
23	18 Feb 2023 9.00am - 1.00pm	YES & GETD	Physical Course	"Half Day Course on Principles and Design of Reinforced Soil Structures with BS8006 - Rescheduled to 18 February 2023"	Ir. Lau Joe Jiunn	9
24	18 Feb 2023 9.00am - 11.00am	METD & eETD	Webinar Talk	Webinar Talk on "Why Electronic Packaging Matters: Influence of Engineers as an IP "Differentiator"?"	Multiple Speaker	53
25	18 Feb 2023 9.30am - 10.30am	eETD & TAM	Physical Talk	5G Powered Drones: The Way Forward from 2023 Towards Industry 5.0	Ir. Prof. Dr. Eric Goh	60
26	18 Feb 2023 10.00am - 12.00pm	MaTD	Webinar Talk	Webinar Talk on "Everything You Need To Know About Advanced Functional Nanomaterials"	Assoc. Prof. Dr. Ong Boon Hoong	71

No.	Date & Time	TD/SIG/SEC + Others	Nature	Title	Speaker(s)	No. of Pax
27	18 Feb 2023 2.30pm - 5.30pm	eETD, MaTD & IEM Penang	Workshop	Route to MIEM & Professional Engineers	Ir. Dr. Mui Kai Yin	72
28	20 Feb 2023 9.00am - 1.00pm	PMTD	Webinar Course	Virtual Half Day Course on Planning And Execute Industrial Energy Audit Project	Ir. Noor Iziddin Abdullah bin Ghazali	30
29	21 Feb 2023 4.00pm - 5.00pm	MaTD & OG-MTD	Webinar Talk	Webinar Talk on "Importance of Health & Safety (HSE) in the Oil and Gas Industry"	Mr. Suraj Singh Shergill	23
30	22 Feb 2023 2.00pm - 4.00pm	E2TD	Awareness Programme	Webinar Talk on How to Thrive as an Engineering Graduate in Malaysia	Aaron Victor, Ir. Ricky Liew & Kenneth Low	100
31	22 Feb 2023 3.00pm - 5.00pm	MNATD	Webinar Talk	Webinar Talk on "The Importance of a Ship Waste management System"	Lt. Cdr. Ir. Ts. Azim bin Azmi	70
32	23 Feb 2023 9.00am - 1.00pm	METD	Technical Visit	Technical Visit: To Malaysian Police Training Academy, Pulapol, Jalan Semarak	NA	3
33	21 Feb 2023 10.00am - 12.00pm	EETD & IEMTA	Webinar Talk	Webinar on Introduction & Path to Become Registered Electrical Energy Manager (REEM)	Ir. Francis Xavier Jacob	42
34	25 Feb 2023 9.00am - 11.00am	OGMTD	Webinar Talk	Webinar Talk on Common Piping Systems Issues during Petrochemical Plants Start-up	Ir. Haniza Haron & Mr. Chia Wei Chin	99
35	25 Feb 2023 9.00am - 1.00pm	E2TD	Webinar Course	Virtual Half Day Course on Introduction to An Automotive Product Design & Development	Ir. Ts. Sukhairul Nizam Abdul Razak	18
36	25 Feb 2023 9.00am - 11.00am	AFETD	Webinar Talk	Webinar Talk on "Post Green Revolution Challenges (and Opportunities) for Malaysian Agricultural Engineers"	Ir. Ayob Sukra	75
37	25 Feb 2023 10.00am - 12.00pm	BSTD	Physical Talk	Physical Technical Talk on "Technical Requirements for Compact Substation Unit"	Ir. Soo Chee Ka & Mr. Harpreet Singh	44
38	01 Mar 2023 9.00am - 5.00pm	EETD	Physical Workshop	One Day Workshop on Global Market Access through Testing and Certification for Bus Trunking Systems (BUSWAYS)	Mr. S. Chandrakumar (CK)	52
39	01 Mar 2023 4.00pm - 6.00pm	GETD	Webinar Talk	Webinar Talk on Landslide Risk Assessment – Current Practice, Emerging Challenges And Novel Technologies	Dr. Zhongqiang Liu	205
40	02 Mar 2023 9.00am - 5.00pm	EETD	Physical Workshop	One Day Workshop on Global Market Access For Industrial Control Panels & Electrical Machinery Through Testing And Certification	Mr. S. Chandrakumar (CK)	50
41	02 Mar 2023 3.00pm - 5.00pm	PMTD	Webinar Talk	Webinar Talk on BIM Implementation in Project Management: Challenges and Way Forward	Ar. Latipah Abu	120
42	04 Mar 2023 10.00am - 12.00pm	MNATD	Physical Talk	Technical Talk on Project Financial Modelling Using the Engineering Finance methodology - Module 1.8a: Engineering Finance methodology and the Fund Drawdown Schedule or 'S' Curve	Ir. Dr. Maulud Abdul Latif	20
43	07 Mar 2023 3.00pm - 5.00pm	E2TD	Webinar Talk	Webinar Talk on Fiber Optic Sensors	Ir. Assoc. Prof. Dr. Malathy Batumalay	118
44	08 Mar 2023 5.30pm - 7.30pm	METD	Physical Talk	Physical Talk Topic: Additive Manufacturing: Advancing The Future of Manufacturing	Lim Mun Chun	55
45	08 Mar 2023 10.00am - 1.00pm	ICTSIG	Technical Visit	Technical Visit to "IIUM Robotic Centre of Unmanned Technologies - (CUTe), Gombak"	-	14
46	09 Mar 2023 9.00am - 1.00pm	E2TD	Technical Visit	Technical Visit to "Panasonic Appliances Air-Conditioning Malaysia Sdn Bhd"	-	27
47	11 Mar 2023 9.00am - 11.00am	OGMTD & CETD	Webinar Talk	Webinar Talk on How Chemical Cleaning Restores the Integrity of Oil and Gas Plant Equipment	En. Muhamad Saifuddin Sidek	52
48	11 Mar 2023 10.00am - 12.00pm	METD	Webinar Talk	Webinar Talk on "Electrical Submersible Pump for Oil & Gas Production"	Dr. Cheah Kean Wee	65
49	11 Mar 2023 9.00am - 11.00am	ICTSIG	Webinar Talk	Pre-AGM Talk on Artificial Intelligence (A.I) and its implications on science and engineering (A perspective from a practicing professional engineer)	Ir. Tejinder Singh	84
50	11 Mar 2023 11.30am - 1.30pm	ICTSIG	AGM	25 th Annual General Meeting of the Information & Communication Technology Special Interest Group (ICTSIG)	-	72
51	11 Mar 2023 9.00am - 5.00pm	PMTD & YES	Physical Course	Physical One Day Course on Scheduling with Microsoft Project - Practical Fundamentals	Ir. Faizal Abdullah Sanusi	15
52	11 Mar 2023 11.30am - 1.30pm	PMTD	Webinar Talk	Webinar Talk on "An Introduction to Financial Modelling for Renewable Energy Projects"	Ir. Noor Iziddin Abdullah bin Ghazali	102
53	13 Mar 2023 10.00am - 12.00pm	CETD	Technical Visit	Technical Visit to "Indah Water Konsortium Sdn Bhd"	-	25
54	13-17 Mar 2023 9.00am - 5.00pm	EETD & IEMTA	Webinar Course	5-Day IEM Energy Manager Training Course (EMTC) #5 Series - A Preparation Course for Registration as a Registered Electrical Energy Manager (REEM) With Suruhanjaya Tenaga	Various Speakers	12
55	14 Mar 2023 9.00am - 5.30pm	METD	Physical Course	1-Day Course on The Drive Towards an Environmentally Responsible Fire Suppression Foam System	Ir. Tam Pak Lan & Simon Barratt	47
56	14 Mar 2023 3.00pm - 5.00pm	PSESIG	Webinar Talk	Webinar Talk on Circular Economy for a Sustainable Environment	Puan Sarifah binti Yaakob	100

No.	Date & Time	TD/SIG/SEC + Others	Nature	Title	Speaker(s)	No. of Pax
57	15 Mar 2023 9.00am - 2.00pm	CSETD	Hybrid Course	Half-Day Seminar on "CIDB Act 520 Amendment 2021, Construction Industry Standard CIS22:2021 (Safe Use of Scaffolding In Construction) & CIS23:2021 (Safe Use of Falsework In Construction)" and "Falsework Design and Testing of Falsework Structures"	Ir. Lee Kee Bau & Ir. Dr. Lim Boon Tiong	Hybrid (61)
58	15 Mar 2023 5.30pm - 7.30pm	GETD	Physical Talk	Technical Talk on Design and Construction of Basement Wall & Pile foundation In Limestone Formation – Case Study	Mr. Komma Srinivasulu (Vasu)	35
59	16 Mar 2023 3.00pm - 5.00pm	MNATD	Webinar Talk	Webinar Talk on The Evolution of Simulator Development: From Historical Milestones to Modern Technologies and Applications	Assoc. Prof. Dr. Ahmad Faisal Mohamad Ayob	38
60	17 Mar 2023 10.30am - 12.30pm	UEDSIG	Webinar Talk	Webinar Talk on "Sustainable Conscious Community and Property Management Cost: Smart City in The Marketing"	Ir. Prof. Dr. Lam Wei Haur	86
61	18 Mar 2023 9.00am - 11.00am	OGMTD & WE	Webinar Talk	Webinar Talk on Navigating Your Career as Engineering Professionals – How can you improve your chance of success?	Ms. Nurzalina binti Jamaluddin	63
62	18 Mar 2023 9.00am - 1.00pm	EETD	Physical Course	Half Day Seminar on Hydrogen Economy from the Perspective of an Engineer	Prof. Dato' Ir. Dr. Wan Ramli Wan Daud & Ts. Dr. Kean Long Lim	22
63	18 Mar 2023 9.00am - 11.00am	SESIG	Webinar Talk	Webinar Talk on "Accident Investigation Using Tripod Beta Analysis"	Ir. Mohamad Khalil bin Ishak	57
64	18 Mar 2023 10.00am - 12.00pm	MaTD & EETD	Webinar Talk	Webinar Talk on "Transformation to Smart Energy: Energy Storage and Energy Harvesting Devices"	Prof. Dr. Ramesh T. Subramaniam	101
65	18 Mar 2023 9.00am - 1.00pm	WE & YES	Others	Sembang Chilllex	Ir. Rusnida Talib	-
66	18-19 Mar 2023 10.30am - 12.30pm	CETD/WE	CSR	Sincerely, SETIA Volunteer Weekend with Kaum Orang Asli - Build A Mini Solar Car Program	Mr. Mohd Fauzi bin Zaniil	25
67	19 Mar 2023 9.00am - 1.00pm	E2TD	CSR	Wings of Knowledge: Kampung Orang Asli Bukit Dugang Soars with STEM	Ir. Nagentrau a/l Muniandy, Ir. Ainon Shakila Shamsuddin, Dr. Praveena Nair a/p Sivasankaran & Ts. Nur Hasalli binti Ibrahim	50
68	20 Mar 2023 9.00am - 1.00pm	PMTD	Webinar Course	Virtual Half Day Course on Project Management and PMP Certification	Ir. Assoc Prof. Dr. Abanag Annuar Ehsan	43
69	20 Mar 2023 10.00am - 12.00pm	SESIG	Technical Visit	Technical Visit to "Lendlease Project TRX"	-	10
70	20 Mar 2023 5.00pm - 7.00pm	HTETD	Webinar Talk	Webinar Talk on An Innovative and Sustainable Road Material to Improve Road Surface Quality While Reducing Plastic Waste - Plastic Modified Bitumen	Ir. Phoon Chee Hoe	81
71	21 Mar 2023 3.00pm - 5.00pm	E2TD	Webinar Talk	Webinar Talk on Industry Sharing: Re-Imaging Engineering the Dyson Way	Ms. Azalea Shezdiana binti Badrulshah	154
72	25 Mar 2023 9.00am - 1.00pm	YES & GETD	Physical Workshop	Physical Half Day Course - Title: Soil Stabilisation with Mechanically Stabilized Layer (MSL)	Ir. Lau Joe Jiunn	37
73	25 Mar 2023 9.00am - 11.00am	UEDSIG	Webinar Talk	Webinar on "Cloud Digitalisation Transformation for Construction on Project, Cost and Quality Management"	Mr. Tan Loo Toon Dr. Ong Chong Yong	126
74	28 Mar 2023 9.00am - 11.00am	ENETD	Webinar Talk	Webinar Talk on "Net Zero by 2050"	Mr. C.K. Tang	149
75	30 Mar 2023 2.00pm - 4.00pm	PSESIG & MNATD	Webinar Talk	Webinar Talk on Engineering Career in Military - Navy Perspective	Rear Admiral Dato' Ir. Ts. Hj Mohd Shaiful Adli Chung	104
76	31 Mar 2023 10.00am - 12.00pm	EETD	Webinar Talk	Webinar Talk Maximise Efficiency & Reliability: Maintain 'Healthy' Electrical Network With Harmonic-Less	Mr. Ch'ng Eng Yong	112
77	01 Apr 2023 9.00am - 11.00am	OGMTD	Webinar Talk	Webinar Talk on Development of Mini ROV for Underwater Monitoring Applications	Assoc. Prof. Dr. Mohd Farid Muhamad Said	88
78	01 Apr 2023 11.00am - 1.00pm	ICTSIG	Physical Digital Class	ICTSIG Digital Class (February) on "Practical Internet of Things (IoT) with Free and Open-Source Software (FOSS)"	Ir. Lee Mun Poh	22
79	06 Apr 2023 11.00am - 1.00pm	PSESIG	Webinar Talk	Webinar talk on Electric Vehicle (EV) Journey from Utility's Perspective	En. Mohd Suhairi Mohammad Shah	128
80	08 Apr 2023 9.00am - 11.00am	EETD	Physical Talk	Technical Talk on Bursa Carbon Exchange: Accelerating a Net Zero Future	Dr. Wei Nee-Chen	35
81	14 Apr 2023 3.00pm - 5.30pm	MaTD, eETD & IEM Penang Branch	Technical Visit	Technical Visit to "MIMOS Berhad"	-	14
82	17 Apr 2023 4.30pm - 6.30pm	GETD	Physical Talk	Technical Talk on Design of Caverns In Rock	Mr. Jason Chin & Mr. Jack Muir	43
83	19 Apr 2023 2.00pm - 4.00pm	SESIG & BSTD	Webinar Talk	Webinar Talk on "Design Risk Assessment - OSHCIM Requirement - Mechanical Engineering In Building Services" (Digital Platform)	Ir. Gary Lim Eng Hwa	72

No.	Date & Time	TD/SIG/SEC + Others	Nature	Title	Speaker(s)	No. of Pax
84	19 Apr 2023 6.30pm - 8.30pm	eETD	Technical Talk	Data Driven Decisions for Smarter Manufacturing	Woon Mun Keat	16
85	29 Apr 2023 9.00am - 11.00am	METD	Physical Talk	Physical Talk Evolution of Commercial Aircraft Technology and Aircraft Maintenance Engineers' Training	Ir. Ricky Liew Chee Leong	25
86	20 Apr 2023 2.00pm - 4.00pm	WE/METD	Webinar Talk	Webinar Talk on Beyond The Horizon: Navigating the Future of Aerospace	Ts. Uma Shangery	60
87	03 May 2023 10.00am - 12.00pm	HTETD	Webinar Talk	Webinar Talk on Sustainable Engineering Solution for Road Infrastructure	Ir. Saiffuddin bin Sheafi	184
88	05 May 2023 2.00pm - 4.00pm	WRD/WE	Webinar Talk	Webinar Talk From Waste to Wealth	YBhg. Datuk Ir. Kadir	73
89	06 May 2023 9.00am - 11.00am	TUSTD	AGM	23 rd Annual General Meeting of Tunnelling and Underground Space Technical Division	-	168
90	06 May 2023 9.00am - 11.00am	SSIG/YES/WELFARE	Webinar Talk	Webinar Talk on "A Millionaire Employee Strategy"	Ir. Ts. Ikhwan Sulaiman	32
91	06 May 2023 11.30am - 1.30pm	MNATD	Webinar Talk	Webinar Talk on Reducing Hull Resistance Using Air Injection For LNG Vessel With Free Ballast System	Prof. Dr. Adi Maimun	45
92	08 May 2023 9.00am - 1.00pm	ICTSIG	Technical Visit	Technical Visit to "Malaysia Automotive Robotic & IoT Institute (MARII)" (National Emission Testing Centre, Rawang)	-	13
93	08-09 May 2023 9.00am - 5.00pm	PMTD	Webinar Course	Virtual 2 Day Course on Common Problems and solutions for Construction Contracts	Ir. Lai Sze Ching	50
94	09 May 2023 9.30am - 1.30pm	ICTSIG	Technical Visit	Technical Visit to "MRANTI Corporation Sdn Bhd"	-	12
95	10 May 2023 10.00am - 12.00pm	eETD	InspireMe talk	InspireMe talk by PSDC CEO	Mr. Tan Eng Tong	55
96	10 May 2023 5.00pm - 7.00pm	OGMTD	Webinar Talk	Webinar Talk on Overview of Heat Exchangers - The Oil & Gas Industry Experience	Ir. Alzakri Ekhwan	54
97	11 May 2023 10.00am - 2.00pm	ICTSIG	Technical Visit	Technical Visit to Honeywell Experience Center	-	15
98	11 May 2023 3.00pm - 5.00pm	CSETD	Webinar Talk	Introduction on Structural Design Using Glued Laminated Timber According to MS544	Assoc. Prof. Ts. Dr. Rohana Hassan	132
99	13 May 2023 9.00am - 11.00am	OGMTD	Webinar Talk	Webinar Talk on Applying "Lean Practices" In the Oil & Gas Industry	Ir. Shazlan Rahman	84
100	13 May 2023 9.00am - 11.00am	EETD	Physical Talk	Pre AGM Talk on Updates on Energy Transition	Datuk Ir. Ahmad Fauzi Hasan	50
101	13 May 2023 9.00am - 11.00am	EETD	AGM	Physical - 38 th Annual General Meeting of the Electrical Engineering Technical Division, IEM (EETD)	-	50
102	13 May 2023 9.00am - 11.00am	ENETD	Physical Talk	Pre-AGM Talk on "CECS in Malaysia's Waterways – An Overview"	Ms. Chua Li Ying	30
103	13 May 2023 9.00am - 11.00am	ENETD	AGM	31 st Annual General Meeting (AGM) of the Environmental Engineering Technical Division (ENETD), IEM	-	35
104	13 May 2023 9.00am - 1.00pm	WE	Others	THE Women in Zcience (WiZ)	Ir. Mah Siew Kien	-
105	18 May 2023 9.00am - 5.00pm	EETD	Physical Seminar	1-Day Seminar on Lightning Protection Based on MS IEC 62305	Mr. Ritesh Lutchman	60
106	18 May 2023 1.00pm - 5.00pm	EETD	Technical Visit	Technical Visit to Telekom Malaysia Network Operations Centre (TMNOC), Cyberjaya	-	10
107	18 May 2023 9.00am - 1.00pm	SESIG	Technical Visit	Technical Visit to "PERODUA Manufacturing Sdn Bhd"	-	9
108	18 May 2023 3.00pm - 5.00pm	PSESIG	Webinar Talk	Webinar Talk on Anti Bribery Management System ABMS ISO 37001:2016	Lieut. Associate Colonel (PA) Ir. Abdul Rani bin Harun	91
109	20 May 2023 9.00am - 11.00am	SSIG	Webinar Talk	Webinar Talk on District Cooling System – An Environmental-Friendly and Efficient Cooling Technology to Meet Sustainability Needs	Mr. Chen Boon Nam	104
110	20 May 2023 9.00am - 11.00am	EETD	Webinar Talk	Webinar Talk on Building the Digital Workforce Talent Pipeline in Manufacturing and Processing Industries	Ts. Jonas Jeyaraj Anthony	35
111	20 May 2023 9.00am - 1.00pm	E2TD	Webinar Course	Virtual Half Day Course on Quality Control Starts with Calibration: A Comprehensive Guide to Calibration Procedures	Ir. Ts. Sukhairul Nizam bin Abdul Razak	18
112	20 May 2023 10.30am - 11.45am	CETD	Webinar	Technical Talk on "Project Management Role in Fuel Gas Pipeline Implementation"	Ts. (Jack) Chong Wei Jet	53
113	20 May 2023 1.00pm - 2.15pm	CETD	Webinar	Technical Talk on "Managing Occupation Safety & Regulatory Governance in Hazardous Substances"	Ms. Tan Chuew Wen	53
114	20 May 2023 2.15pm - 3.30pm	CETD	Webinar	Technical Talk on "Process Engineering Design Overview"	Ir. Mohamad Anwar Ahmad	53
115	21 May 2023 9.00am - 1.00pm	CETD	Others	IEM Family Day 2023 - "Build A Mini Solar Car Program"	Mr. Mohd Fauzi bin Zanil	60

No.	Date & Time	TD/SIG/SEC + Others	Nature	Title	Speaker(s)	No. of Pax
116	23 May 2023 9.00am - 1.00pm	eETD, TAM & IEEE	Physical Talk	Optimize Air Compressor and Energy Efficiency	Mr. Jonathan Huan	85
117	23 May 2023 9.30am - 12.30pm	ENETD	Technical Visit	Technical Visit to "Langat Centralised Sewage Treatment Plant (LCSTP)"	-	11
118	23 May 2023 2.30pm - 4.30pm	ENETD	Webinar Talk	Webinar Talk on "Flood Risk Management and Early Warning Systems"	Mr. Niksa Orlic	132
119	23 May 2023 10.00am - 12.00pm	E2TD	Awareness Programme	Physical Talk on Professional Development	Ir. Mathan a/l Sambu	100
120	24 May 2023 5.00pm - 7.00pm	OGMTD	Webinar Talk	Webinar Talk on Asset Life Extension Management of Ageing Offshore Fields	Ms. Intan Sharlina Shaarani	92
121	25 May 2023 10.00am - 12.00pm	MaTD	Webinar Talk	Webinar Talk on "From Conventional Polymer Injection Moulding to Metal or Ceramic Injection moulding (Powder Metallurgy Route)"	Prof. Dr. Abu Bakar Sulong	47
122	25 May 2023 10.00am - 12.00pm	E2TD	Awareness Programme	Penceramah Bengkel Pengenalan Anyns Fluent, Fakulti Kejuruteraan Mekanikal dan Pembuatan	Ir. Mathan a/l Sambu	100
123	25 May 2023 11.30am - 11.30pm	UEDSIG	Webinar Talk	Webinar on "Urban Flash Flooding and the Revised Curve Number Model"	Ir. Dr. Ling Lloyd	99
124	27 May 2023 10.00am - 12.00pm	eETD & MaTD	Technical Talk	Introduction to Photonics and Applications	Ir. Sulaiman Wadi Harun	10
125	27 May 2023 10.00am - 12.00pm	EETD	Webinar Talk	Webinar on Introduction & Path to Become Registered Electrical Energy Manager (REEM)	Ir. Francis Xavier Jacob	60
126	27 May 2023 10.00am - 12.00pm	CSETD	Physical Talk	Technical Talk Development of Blast Resistance Glass using Green Technology	Prof. Ir. Dr. Mohammed Alias	19
127	27 May 2023 11.30am - 11.30pm	UEDSIG	Webinar Talk	Webinar Talk on "Construction Delay Analysis Unboxed"	Ir. Ts. Thomas Ong	119
128	27 May 2023 11.00am - 1.00pm	CESIG	Physical Talk	Technical Talk on "How to be a successful engineer and have a lifelong employment and career"	Ir. S. Vigneaswaran	10
129	29 May 2023 9.00am - 1.00pm	PMTD	Virtual Course	Virtual Half Day Course on "Life Cycle Cost on Green Project"	Ir. Noor Iziddin Abdullah bin Ghazali	50
130	30 May 2023 3.00pm - 5.00pm	HTETD	Webinar Talk	Webinar talk on "Challenge in Implimentation of Crumb Rubber Modified ASPALT (CRMA) in Malaysia"	Ms. Dirayah binti Dollah	112
131	31 May 2023 2.00pm - 4.00pm	EETD & (AEI-EI)	Webinar Talk	Webinar Talk on "Sustainability in Transformers: Evaluating the Impact of New Zealand's Low Grid Emission Factor."	Dr. Bhaba Das	55
132	31 May 2023 3.00pm - 5.00pm	MNATD	Webinar Talk	Webinar Talk on "Underwater structure inspection at port and jetties"	Ir. Ts. Prof. Dr. Mohd Rizal bin Arshad	196
133	01 Jun 2023 2.00pm - 5.00pm	METD	Webinar Course	Half-Day MASHRAE-IEM Webinar on "Resiliency Against Airborne Transmission" - IAQ Post Pandemic	Multiple	171
134	01 Jun 2023 9.00am - 1.00pm	GETD	Technical Visit	Technical Visit to Sunway Pre-stressed Spun Pile Factory	-	12
135	02 Jun 2023 3.00pm - 5.00pm	PMTD	Webinar Talk	Webinar Talk on 'Managing Project Learnings - why and how'	Sr. Roznita Othman	123
136	02 Jun 2023 9.00am - 5.00pm	E2TD	Awareness Programme	Judge For Innotech-3mt 2023	Ir. Mathan a/l Sambu	100
137	03 Jun 2023 9.00am - 11.00am	EETD	Webinar Talk	Webinar Talk Cybersecurity Awareness - Protecting Yourself and Your Information in the Digital Age	Ir. Prof. Dr. Goh Vik Tor	140
138	03 Jun 2023 11.30am - 1.30pm	BSTD	Webinar Talk	Webinar Talk on "What is Automated Car Parking System and System Requirement"	Ir. Yow Kai Yong	78
139	06 Jun 2023 9.00am - 3.30pm	PMTD	Technical Visit	Technical Visit to Malaysia's Principal Port	-	15
140	07 Jun 2023 10.00am - 12.00pm	GETD	Webinar Talk	Pre AGM Talk on Navigating From Risk to Resilience - The Landslide Risk Management of Hong Kong	Ir. Becky Lui	102
141	07 Jun 2023 3.00pm - 5.00pm	E2TD	Webinar Talk	Webinar Talk on Zirconia: Application of Zirconia	Ir. Ts. Dr. Alexander Chee Hon Cheong	36
142	08 Jun 2023 1.00pm - 5.00pm	METD, PSE-SIG, E2TD & WE	Technical Visit	Technical Visit : Agensi Angkasa Malaysia (MYSA), Banting (Pusat Angkasa Negara)	Nil	18
143	08 Jun 2023 3.00pm - 5.00pm	PMTD	Webinar Talk	Webinar Talk on Construction Dispute: Navigating your ADR Options	Dr. Zul Zakiyuddin Ahmad Rashid	71
144	08 Jun 2023 9.00am - 1.00pm	WE	CSR	World's Ocean Day	Ms. Ainarull Asikin & Ir. Assoc. Prof. Dr. Syuhaida	-
145	09 Jun 2023 9.00am - 2.00pm	CESIG, BSTD	Technical Visit	Technical Visit to Unique Fire Industry Sdn. Bhd.	NA	19
146	09 Jun 2023 2.00pm - 5.00pm	CESIG, BSTD	Technical Visit	Technical Visit & Forum in Gruppe Lighting Solution Sdn. Bhd.	NA	14
147	10 Jun 2023 9.00am - 11.00am	OGMTD	Webinar Talk	Webinar Talk on Feasibility Study for Conversion of Gas Turbine to Motor for a Gas Processing Plant (Electrification Initiative)	Ir. Husswan Hadi bin Wan Hussein & M. Aminullah M. Khalid	82

No.	Date & Time	TD/SIG/SEC + Others	Nature	Title	Speaker(s)	No. of Pax
148	10 Jun 2023 11.00am - 1.00pm	ICTSIG	Physical Digital Class	ICTSIG Digital Class (February) on "Practical Internet of Things (IoT) with Free and Open-Source Software (FOSS)"	Multiple Speakers	10
149	13-17 Jun 2023 9.00am - 6.00pm	EETD & IEMTA	Physical Seminar	5-Day IEM Energy Manager Training Course (EMTC) - A Preparation Course for Registration as a Registered Electrical Energy Manager (REEM) with Suruhanjaya Tenaga	Various Speakers	17
150	13 Jun 2023 3.00pm - 5.00pm	TUSTD	Webinar Talk	Webinar Talk on "Recent Advancement of Shield Tunneling Technology in Taiwan"	Dr. Jung-Feng CHANG	81
151	13 Jun 2023 10.00am - 12.00pm	ENETD	Webinar Talk	Webinar Talk on "Green Financing for Environment, Social and Governance (ESG) Goals"	Dr. Hari Ramalu Ragavan	78
152	14 Jun 2023 5.00pm - 7.00pm	HTETD	Webinar Talk	Webinar Talk on The Nottingham Tram: From Dream To Successful Operation	Assoc. Pror. Dr. Nick Thom	102
153	15 Jun 2023 9.00am - 5.00pm	E2TD	Awareness Programme	STEM Festival	Ts. Nur Hasalli binti Ibrahim	100
154	15 Jun 2023 9.30am - 1.00pm	UEDSIG, WRTD & OGMTD	Physical Seminar	Half Day Seminar on Intelligent Control Solutions for Smart Cities	Mr. Lee Yen Hong & Hor Han Tin (Harry)	74
155	15 Jun 2023 3.00pm - 5.00pm	ICTSIG	Webinar Talk	Webinar on IOT in Industrial and F&B (Real Case)	Mr. Jerry	42
156	16 Jun 2023 5.30pm - 7.00pm	EETD & AEI-EI	Webinar Talk	Webinar Talk on Low Voltage Electrical Installations standards in developing nations?? Challenges and way forward	S. Gopa Kumar	131
157	17 Jun 2023 9.00am - 11.00am	MNATD	AGM	12 th Marine Engineering and Naval Architecture Technical Division AGM	-	107
158	17 Jun 2023 9.00am - 11.00am	EETD & SESIG	Physical Talk	Technical Talk on My Life in Safety-Lessons in Performance Improvement	Dr. Krishna Bala	15
159	17 Jun 2023 9.00am - 11.00am	OGMTD	Webinar Talk	Webinar Talk on Controlling and managing sand production from oil and gas wells	Pak Latief Riyanto	82
160	17 Jun 2023 2.00pm - 5.00pm	eETD, MaTD & IEM Penang	Workshop	IEM Mentor-Mentee Engagement Workshop	Ir. Dr. Mui Kai Yin	60
161	19 Jun 2023 3.00pm - 5.00pm	E2TD	Webinar Talk	Webinar Talk on Application of Geomechanics in Engineering	Ms. Ailie Sofyiana Serasa	76
162	20 Jun 2023 9.00am-12.00pm	eETD, TAM & IEEE	Physical Talk	Variable Refrigerant Flow & Architecture Design	Dylan Lee	60
163	20 Jun 2023 2.00pm - 4.00pm	GETD	Webinar Talk	Webinar Talk on Polyurethane Flatbed: An Ingenious Solution to Resolve Settlement of Soft Ground	Ir. Dr. Ismacahyadi Bagus	180
164	21-22 Jun 2023 8.00am - 5.00pm	CSETD	Physical Course	2-Day Course on Advanced Structural Engineering with particular Reference to the Chartered Membership Examination of the Institution of structural Engineers, United Kingdom	Mr. Rajavel Inbarajan	24
165	21 Jun 2023 10.00am - 12.30pm	WE	Technical Visit	Technical Visit to SDG Centre	-	12
166	22 Jun 2023 3.00pm - 5.00pm	PSESIG	Webinar Talk	Webinar Talk on Electric Vehicle Initiative in Malaysian Government Fleets: A Sustainable Approach to Transportation	Ts. Mohd Azlan bin Umar	131
167	23 Jun 2023 5.00pm - 7.00pm	PMTD	Webinar Talk	The CIBD 2022 'Boon or Bane' Critically Compared, For The Engineers	Ar. David Yek Tak Wai	72
168	24 Jun 2023 9.00am - 11.00am	YES	AGM	53 rd Virtual Annual General Meeting	NIL	44
169	24 Jun 2023 9.00am - 11.00am	SSIG	Physical Talk	Technical Talk on A Road (or Race?) to Net Zero Emissions (NZE) 2050 - Where does Malaysia stand?	Ir. G. Lalchand	32
170	24 Jun 2023 9.00am - 11.00am	SESIG	Webinar Talk	Webinar Pre - AGM Talk on "Design Risk Assessment OSHCIM Process – Electrical Engineering Perspective"	Ir. KT Lim	51
171	24 Jun 2023 11.30am - 1.30pm	SESIG	AGM	2 nd Annual General Meeting of the Safety in Engineering Special Interest Group (SESIG), IEM	-	81
172	24 Jun 2023 10.00am – 12.00pm	MaTD	Webinar Talk	Webinar Talk on "Futile to functional: Demonstration of industrial by-products as sustainable alternative construction materials"	Prof. Ir. Dr. Ubagaram	27
173	24-25 Jun 2023 9.00am - 5.00pm	E2TD	Awareness Programme	School Awareness Activity "Bridge Competition" for Pay Fong Secondary School	Ir. Yong Hong Lee	100
174	26 Jun 2023 7.00am - 2.00pm	BSTD	Physical Tournament	IEM Golf Tournament 2023 - Kelab Tenara Udara Malaysia (KRTU)	-	122
175	26 Jun 2023 3.00pm - 5.00pm	PMTD	Webinar Talk	Webinar Talk on Emerging Technology for Combating Biofouling: What Project Manager Should Know?	Dr. Nur Zulaikha Yusof	59
176	27 Jun 2023 5.00pm - 7.00pm	E2TD	Webinar Talk	Webinar Talk on Solar Campus for Sustainable Environment	Ir. Assoc. Prof. Dr. Nofri Yenita binti Dahlan	129
177	01 Jul 2023 11.30am - 1.30pm	WRTD	AGM	36th WRTD Virtual Annual General Meeting (AGM)	NA	80

No.	Date & Time	TD/SIG/SEC + Others	Nature	Title	Speaker(s)	No. of Pax
178	01 Jul 2023 9.00am - 11.00am	CETD	Webinar Talk	Webinar Talk on "Hygienic Engineering in Food & Beverage Manufacturing"	Ir. Deborah John	55
179	3-4 Jul 2023 9.00am - 6.00pm	SSIG	Physical Workshop	2-Day Workshop on Avoidance of Project Delays & Cost Overruns Aided By MS Project Software (Rescheduled from 8-9 June 2023)	Ir. Frankie Chong	27
180	05 Jul 2023 9.00am - 1.00pm	HTETD	Virtual Course	Virtual Half-Day Course on Best Practices on Road Construction and Preparing BQ Based on Civil Engineering Standard Method of Measurement MSCESMM (2018), MyCESMM2	Ir. Gunasagaran	29
181	05 Jul 2023 3.00pm - 5.00pm	E2TD	Webinar Talk	Webinar Talk on Policies for Waste Management in Malaysia	Ir. Jacqueline Lukose	68
182	05 Jul 2023 4.00pm - 6.00pm	CSETD	Webinar Talk	Webinar Talk On Building A Concrete Future: Designing and Specifying Sustainable Concrete	Dr. Minson	164
183	06 Jul 2023 3.00pm - 5.00pm	WE	Technical Talk	International Women in Engineering Day - Make Safety Seen	Ir. Dr. Jegalakshimi Jewaratnam, Ir. Ts. Dr. Salmaliza binti Salleh, Ms. Nik Nurul Kamila Ms. Yin Wei Chong	14
184	06 Jul 2023 8.15am - 1.15pm	HTETD	Technical Visit	Technical Visit to "Putrajaya Command Centre (PCC)"	-	15
185	06 Jul 2023 10.00am - 1.00pm	ENETD	Technical Visit	Technical Visit To "Bukit Tagar Sanitary Landfill Hulu Selangor, Kuala Kubu Bharu"	-	15
186	08 Jul 2023 9.00am - 11.00am	CSETD	AGM	37 th CSETD Virtual AGM	N/A	82
187	08 Jul 2023 11.30am - 1.00pm	WRTD	AGM	WRTD 36 th AGM	N/A	70
188	08 Jul 2023 11.00am - 1.00pm	ICTSIG	Physical Digital Class	ICTSIG Digital Class (February) on "Practical Internet of Things (IoT) with Free and Open-Source Software (FOSS)"	Ir. Lee Mun Poh, Ir. Chai Chen Sing & Ir. Chee Shai Choon	15
189	08 Jul 2023 9.00am - 11.00am	OGMTD	Webinar Talk	Webinar Talk on Extraction of Non-Radioactive Rare Earth Elements (NR-REE) Resources	Dr. Ismail Ibrahim	90
190	10 Jul 2023 9.00am - 1.30pm	BSTD	Physical Course	Introduction : nVent ERIFLEX Flexbus Low-Voltage Power Distribution – Reliable, Flexible Electrical Connection Solution	Mr. Christophe Douzet, Mrs. Smitha HarshaVardhana, Mrs. Karine Polycarpe, Mr. Julien Brousseau	85
191	10 Jul 2023 3.00pm - 4.00pm	MaTD	Webinar Talk	Medical Talk: Let's do screening for colon polyps	Dr. Cheong Kuan Leong	22
192	11 Jul 2023 3.00pm - 5.00pm	OGMTD	Webinar Talk	Webinar Talk on Water Shut Off in Oilfield Operation - Application of Novel Nano-Clay for Sustainable Downhole Water Management	Dr. Siti Rohaida M. Shafian	45
193	12 Jul 2023 3.00pm - 5.00pm	ICTSIG	Webinar Talk	Webinar Talk on Real-Time Monitoring and Data Analysis for Wastewater and Sludge treatment Process: Enhancing Efficiency and Sustainability	Ts. Dr. Lavania Baloo	76
194	14 Jul 2023 8.00am - 1.00am	OGMTD	Technical Visit	Technical Visit to Regasification Terminal Sungai Udang, Melaka	-	8
195	15 Jul 2023 9.00am - 1.00pm	BSTD	Technical Visit	Technical Visit IEM Green Tour to Menara Ken TTDI	-	59
196	15 Jul 2023 7.00pm - 12.00pm	IEM	Annual Dinner	IEM 64 th Annual Dinner	-	1260
197	17 Jul 2023 3.00pm - 5.00pm	PMTD	Webinar Talk	Webinar Talk on Ocean Gate Incident: Lessons Learned	Assoc. Prof. Dr. Abd Rahman Abdul Rahim	126
198	18 Jul 2023 5.30pm - 7.30pm	EETD	Webinar Talk	Webinar Talk on System Integrator Perspective on Implementation Artificial Intelligence for Digitalizing Maintenance Program	Megat Shamsul Ariff	65
199	18 Jul 2023 3.00pm - 5.00pm	OGMTD	Webinar Talk	Webinar Talk on "Mechanical interference Fit Connection (MIFC) for Offshore Pipeline Application"	I Eka Wayan Putra	54
200	21 Jul 2023 10.00am - 12.00pm	MaTD	Physical Talk	Webinar Talk on "Thermal and Failure Analysis of Advanced Microelectronic Devices and Thin Films"	Prof. Andrew A. O. Tay.	127
201	22 Jul 2023 9.00am - 11.00am	CESIG	AGM	CESIG 14 th AGM	N/A	80
202	22 Jul 2023 10.00am - 12.00pm	EETD & IEMTA	Webinar Talk	Webinar on Introduction & Path to Become Registered Electrical Energy Manager (REEM)	Ir. Chong Chew Fan	43
203	22 Jul 2023 10.00am - 12.00pm	PMTD/YES	Webinar Talk	Webinar Talk on Project Management and Employability: How Relevant is my Project Management Skills?	Ir. Dr. Harris Abd. Rahman Sabri	42
204	22 Jul 2023 11.30am - 1.30pm	SSIG	AGM	9th Annual General Meeting of the Seniors Special Interest Group (SSIG), IEM	-	78
205	22 Jul 2023 9.30am - 1.30pm	CSETD	Hybrid Half Day Seminar	Half Day Seminar On Material And Workmanship For Post -Tensioning Works (Hybrid Platform)	Ir. Dr. Low Hin Foo	Online: 96 Phys: 40

No.	Date & Time	TD/SIG/SEC + Others	Nature	Title	Speaker(s)	No. of Pax
206	24 Jul 2023 9.00am - 1.00pm	PMTD	Virtual Course	Virtual Half Day Course on Managing Low Carbon Program under Energy Efficiency Projects	Ir. Noor Iziddin Abdullah bin Ghazali	27
207	25-26 Jul 2023 9.00 am - 6.00pm	BSTD	Physical Seminar	Physical Two Day Course on "Plumbing - Professional Competency Examination (PCE) on the Syllabus of Hydraulics - Design Consideration"	Ir. Gary Lim Eng Hwa	10
208	25-26 Jul 2023 9.00am - 5.00pm	PMTD	Virtual Course	Virtual 2 Day Course on Contract Management for Construction Projects	Ir. Lai Sze Ching	48
209	26 Jul 2023 9.00 am - 1.30pm	TUSTD	Physical Seminar	HYBRID Half Day Seminar on "A Revisiting and Updating on Load and Integrity Tests on Deep Foundation"	Dr. Chew Soon Hoe & Dr. Eng Zi Xun	85
210	26 Jul 2023 3.00 am - 5.00 pm	HTETD	Webinar Talk	Webinar Talk on Erosion & Sediment Control For Roads/Highways	Ir. Pan Chee Chin	245
211	27 Jul 2023 2.00pm - 4.00pm	EETD	Webinar Talk	Webinar Talk on Industry, Academic and Government Synergy In Malaysian Medical Device Advancement	Assoc. Prof. Ts. Dr. Nashrul Fazli bin Mohd Nasir	57
212	27 Jul 2023 9.30am - 11.30am	WE	AGM	10 th WE Virtual Annual General Meeting	N/A	79
213	27 Jul 2023 3.00pm - 5.00pm	E2TD	Webinar Talk	Webinar Talk on Emulsion	Ir.Ts. Dr. Harvin Kaur a/p Gurchran Singh	26
214	27 Jul 2023 10.00am -12.00pm	ENETD	Webinar Talk	Webinar Talk on "Revolutionizing Monitoring: Exploring Omniodots' Honeycomb Platform and the Power of SaaS Cloud-Based Solutions"	Mr. C.H. Tam	56
215	28 Jul 2023 8.30am - 1.30pm	ICTSIG	Technical Visit	Visit to DAS Controls Sdn. Bhd	-	11
216	28 Jul 2023 2.00pm - 5.30pm	ICTSIG	Technical Visit	Visit to REV Energy Sdn. Bhd.	-	5
217	28 Jul 2023 5.00pm - 7.00pm	PMTD	Webinar Talk	Webinar Talk on Project Management in Coastal Erosion Prevention and Mitigation	Ir. Wan Norshuhada binti Wan Khairuddin	107
218	29 Jul 2023 9.00am - 11.00am	CESIG	Physical Talk	Technical Talk on "How to translate Environmental, Social & Governance (ESG) requirements into the power cabling sizing calculations?"	Ir. S. Vigneaswaran	10
219	29 Jul 2023 11.00am - 1.00pm	METD	Physical Talk	Physical Talk on "Challenges and Opportunities in Operating a big Wind Tunnel"	Assoc. Prof. Dr. Ir. Shabudin bin Mat	31
220	29 Jul 2023 11.00am - 1.00pm	PMTD	Webinar Talk	Webinar Talk on Exploring Trends, Technologies and Transformation of Maritime Industry: Opportunities for Project Managers	Puan Mazlinawati Abdul Majid	20
221	29 Jul 2023 9.00am - 5.30pm	ICTSIG	Robotix Competition	1-Day ICTSIG Junior Digital Class RBTX Competition Workshop	Ir. Amir Hussin bin Jaafar	Cancel
222	01 Aug 2023 9.00am - 5.30pm	SSIG	Webinar Workshop	Virtual One-Day on Project & Team Management Workshop - Synergising Internal Team for Optimum Performance	Mr. Wei Fung, Nyou	21
223	01 Aug 2023 3.00pm - 5.00pm	PMTD	Webinar Talk	Webinar Talk on Human Centred Design	Assoc. Prof. Dr. Abd. Rahman Abdul Rahim	87
224	02 Aug 2023 9.00am - 1.00pm	CESIG	Technical Visit	Technical Visit to Terasaki	N/A	10
225	02 Aug 2023 9.00am - 5.30pm	EETD	Physical Course	1-Day Event on Auto Transfer Switches Based on MS IEC 60497-6-1 & ATS & Generator Microprocessor Based Controllers	Mr. Ritesh Lutchman	53
226	02 Aug 2023 9.00am - 1.30pm	CSETD	Physical Seminar	Half Day Seminar On "Innovations In concrete technology And digitization In formwork Systems"	Mr. Maher	83
227	02 Aug 2023 6.00pm - 7.30pm	eETD	Physical Talk	Electrostatics, electro-adhesion and electro-rheological fluids	Prof. Emeritus Gareth J. Monkman	10
228	05 Aug 2023 9.00am - 11.00am	PMTD/CESIG	Webinar Talk	Energy Transition Project from International View	Ir. Noor Iziddin Abdullah bin Ghazali	89
229	04-07 Aug 2023 9.00am - 5.00pm	PMTD	Outreach Programme	Outreach Programme to Ho Chi Minh, Vietnam	Various Committee	10
230	05 Aug 2023 11.00am - 1.00pm	ICTSIG	Digital Class	Practical Internet of Things (IoT) With Free and Open-Source Software (FOSS)	Ir. Lee Mun Poh, Ir. Chai Chen Sing & Ir. Chee Shai Choon	14
231	05 Aug 2023 9.00am - 11.00am	BSTD	Pre-AGM Talk	Physical Pre - AGM Talk on "What Are The Challenges In Smoke Control Design?"	Ir. Tan Chew	40
232	05 Aug 2023 10.00am - 12.00pm	eETD	AGM	15 th AGM of eETD	N/A	44
233	05 Aug 2023 11.00am - 1.00pm	BSTD	AGM	37 th Annual General Meeting of Building Services Technical Division (BSTD)	-	65
234	07 Aug 2023 9.00am - 5.30pm	GETD, MSIA & MGS	Hybrid	One-Day Workshop on Cone Penetration Testing (CPTu) in Geotechnical Practice (Physical Platform)	Various Speakers	45
235	10 Aug 2023 3.00pm - 5.00pm	HTETD	Webinar Talk	Webinar Talk on "Innovative Sustainable Approach in Geosynthetic Designs and Natural Hazards Mitigation for Highways in Malaysia"	Ir. Mohd Saufi Mohd Redzuan & Mr. Mohd Anas Adanan	132

No.	Date & Time	TD/SIG/SEC + Others	Nature	Title	Speaker(s)	No. of Pax
236	11 Aug 2023 9.30am - 1.00pm	eETD, MaTD & IEM Penang	Technical Visit	Technical Visit to Robert Bosch Semiconductor Manufacturing Plant	N/A	28
237	15 Aug 2023 9.00am - 2.00pm	E2TD	Technical Visit	Technical Visit to UiTM Gambang Solar Farm		30
238	16 Aug 2023 3.00pm - 5.00pm	ICTSIG	Webinar Talk	Software Defined Radio (SDR) Talk	Dr. Harikrishnan	32
239	16 Aug 2023 5.30pm - 7.30pm	PMTD	Webinar Talk	Webinar Talk on "Engineering the Future: Harnessing the Potential of Chat GPT in Engineering"	Ir. Dr. Ahmad Nizar bin Harun	142
240	18 Aug 2023 9.00am - 12.30pm	eETD	Technical Visit	Technical visit to Leader Solar Energy II Solar Farm at Bukit Selambau, kedah	N/A	15
241	18 Aug 2023 9.30am - 1.00pm	eETD, MaTD & IEM Penang	Technical Visit	Technical Visit to Indium Corp	N/A	15
242	19 Aug 2023 9.30am - 1.00pm	BSTD	Technical Visit	Technical Visit to Syfon System Sdn Bhd	-	28
243	19 Aug 2023 9.00am - 11.00am	UEDSIG	Webinar Talk	Webinar Talk on "Understanding and Interpreting Property Market Information : What Engineers Must Know"	Ts. Dr. Foo Chee Hung	57
244	19 Aug 2023 9.00am - 1.00pm	PSESIG	AGM	11 th PSESIG AGM	-	30
245	19 Aug 2023 11.00am - 1.00pm	PSESIG	Physical Talk	Pre-AGM Talk on Anti-Corruption and Integrity Management Talk in Engineering Perspective	Ps. Thilak a/I Munusamy	45
246	22 Aug 2023 9.00am - 1.00pm	HTETD	Virtual Seminar	Road Engineer Induction Series - Series 4 : Virtual Half-Day Seminar on BIM for Infrastructures	Muhammad Iyas bin Mahzan & Ts. Ainaa Bisarah binti Mohd Yusoff	28
247	24 Aug 2023 9.00am - 2.00pm	PSESIG	Technical Visit	Technical Visit to Parcel F, Putrajaya Enhancing Sustainability Using Building Information Modelling (BIM) For Facility Management (FM)	-	20
248	24 Aug 2023 2.00pm - 4.00 pm	CETD	Webinar Talk	Webinar Talk on "PHA Revalidation and ALARP Demo"	Ir. Mohamad Rosli & Mr. Amirzudin Mizuar	33
249	26 Aug 2023 10.00am - 12.00pm	EETD & IEMTA	Webinar Talk	Webinar on Introduction & Path to Become Registered Electrical Energy Manager (REEM)	Ir. Assoc. Prof. Dr. Gobbi Ramasamy	45
250	26 Aug 2023 9.00am - 11.00am	E2TD	AGM	27 th E2TD AGM	-	68
251	25 Aug 2023 3.00pm - 5.00pm	ICTSIG	Webinar Talk	Webinar Talk on Fibre Cabling for Fibre-To-The Premise (FTTP)	-	66
252	26 Aug 2023 9.00am - 1.00pm	HTETD	Virtual Seminar	Road Engineer Induction Series - Series 1: Virtual Half-Day Seminar on Traffic Impact Assessment (TIA)	Ir. Chin Kar Keong & Ir. Ts. Syed Khairi Syed Abbas	47
253	26 Aug 2023 2.00pm - 5.00pm	MNATD	Online Competition	Call for 2023 Sustainable & Integrated Engineering Student Research e-Poster Competition	NIL	42
254	28 Aug 2023 9.00am - 6.00pm	BSTD	Physical Seminar	1-Day Course on "Handling Payment & Variation Issues In Construction/ Engineering Contracts"	Ir. Harban Singh	37
255	29 Aug 2023 3.00pm - 5.00pm	PMTD	Webinar Talk	Webinar Talk on Achieving Superior Performance through Bridging the Gap between Project and Turnaround Management	Mr. Anil Kumar Malik	64
256	30 Aug 2023 1.00pm - 2.30pm	EETD & AEI-EI	Webinar Talk	Webinar Talk on Young Professionals & Standardization in Germany and IEC	Ms. Annette Frederiksen	60
257	02 Sep 2023 11.00am - 1.00pm	ICTSIG	Physical Digital Class	ICTSIG Digital Class (February) on "Practical Internet of Things (IoT) with Free and Open-Source Software (FOSS)"	Ir. Lee Mun Poh, Ir. Chai Chen Sing & Ir. Chee Shai Choon	14
258	07 Sep 2023 11.00am - 12.30pm	CESIG	Physical Technical Talk	Power Talk on "Asset Management, Environmental, Social, Governance (ESG) and other Requirements for The Electrical Power Cable Sizing Approaches"	Ir. Vigneaswaran Shanmuganathan	30
259	07 Sep 2023 9.00am - 6.00pm	SESIG	Physical Symposium	Safety in Engineering Symposium (SES 2023)	Various Speakers	120
260	07 Sep 2023 4.00pm - 5.00pm	OGMTD	Physical Technical Talk	ENGINEER Industry Power Talk on Navigating The Environmental, Social, Governance (ESG) Path	Ir. Lee Chang Quan	17
261	08 Sep 2023 4.30pm - 5.30pm	WE	Physical Technical Talk	Power talk on "Emerging Technologies for Zero Liquid Discharge: Drivers and Challenges in the Industry"	Ts. Irene Lock Sow Mei	25
262	08 Sep 2023 9.00am - 5.30pm	CSETD	Hybrid Symposium	2 nd International Symposium on 'Recent Advances in Structural Design in Regions of Low-to-Moderate Seismicity' - Design for Resilience and Sustainability (IRASD)	Various Speakers	Hybrid - 156
263	08 Sep 2023 9.00am - 5.30pm	CESIG	Hybrid Symposium	The 1 st Malaysia – China Engineering Digital Transformation Summit – The Convergence of Engineering Digital Transformation & ESG - Inconjunction with ENGINEERS 2023	Various Speakers	150
264	09 Sep 2023 9.00am - 5.30pm	UEDSIG	Hybrid Symposium	Smart And Sustainability Cities Engineering Symposium (SSCES)	Various Speakers	Hybrid - 333

No.	Date & Time	TD/SIG/SEC + Others	Nature	Title	Speaker(s)	No. of Pax
265	09 Sep 2023 9.00am - 5.30pm	PMTD	Hybrid Symposium	Project Management Conference (PROMAC 2023)	Various Speakers	Phys: 108 / Online: 40
266	11-15 Sep 2023 9.00am - 6.00pm	EETD & IEMTA	Physical Seminar	5-Day IEM Energy Manager Training Course (EMTC) - A Preparation Course for Registration as a Registered Electrical Energy Manager (REEM) with Suruhanjaya Tenaga	Various Speakers	16
267	13 Sep 2023 3.00pm - 5.00pm	PMTD	Webinar Talk	Webinar Talk on Project Management Strategies for Combating Climate Change and Ensuring a Sustainable Future	Mr. Tam Tran Nguyen Thien	19
268	13 Sep 2023 9.00am - 2.00pm	CETD	Physical Competition	11 th Chemical Engineering Design Competition 2022/2023	-	70
269	14 Sep 2023 9.00am - 1.00pm	METD	Technical Visit	Technical Visit to "Bufori Motor Car company Pte. Ltd."	N/A	43
270	14 Sep 2023 3.00pm - 5.00pm	PMTD	Webinar Talk	Webinar Talk on Agile Project Management	Assoc. Prof. Dr. Abd. Rahman bin Abdul Rahim	127
271	15 Sep 2023 3.00pm - 5.00pm	PSESIG	Webinar Talk	Webinar Talk on Engineering the Future Cities: A Comprehensive Guide to Smart City Realisation	Ts. Md. Farabi Yussoff Md Yussoff	107
272	18 Sep 2023 9.00am - 1.00pm	PMTD	Virtual Course	Half Day Course on Planning Towards 100% Renewable Energy And Energy Storage Projects	Ir. Noor Iziddin Abdullah bin Ghazali	36
273	19 Sep 2023 9.00am - 1.00pm	EETD	Half Day Seminar	Innovation Talk: Power Quality - The Way Forward	Various Speakers	96
274	19 Sep 2023 4.00pm - 6.00pm	HTETD	Webinar Talk	Webinar Talk on XT Junction Design: A Malaysian Case Study Driving Towards Net Zero	Mr. Steve Jones & Omar Mohsen	100
275	19 Sep 2023 5.30pm - 7.30pm	WRTD	Virtual Talk	Understanding and Mitigating Future Flood risk: UK and Malaysia	Multiple	40
276	20 Sep 2023 3.00pm - 5.00pm	GETD	Webinar Talk	Webinar Talk On Construction On Very Soft Ground	Prof. Chu Jian	252
277	20 Sep 2023 9.00am - 5.00pm	E2TD	Awareness Programme	World Clean Up Day with UOW Malaysia	Ts. Nur Hasalli binti Ibrahim	100
278	21 Sep 2023 2.30pm - 4.30pm	PSESIG	Webinar Talk	Webinar Talk on Rail Network Connectivity for the Economic Growth of Malaysia	Encik Mohd Shahrman bin Shafein	98
279	23 Sep 2023 10.00am - 12.00pm	PMTD	Webinar Talk	Webinar Talk on Time Travelers of Project Management: Forensic Delay Analysis Unveiled	Ir. Ts. Thomas Ong Wen How	110
280	23 Sep 2023 11.00am - 1.00pm	MNATD	Technical Visit	Technical Visit to SS Rover Sdn Bhd - "A Hub for Locally Designed Industry-Grade Work-Class ROV"	-	20
281	23 Sep 2023 9.00am - 1.00pm	HTETD	Virtual Seminar	Road Engineer Induction Series - Series 3 : Virtual Half-Day Seminar On Road Safety Audit	Ir. Eeh Yih Bing	40
282	25 Sep 2023 9.00am - 11.00am	UEDSIG	Webinar Talk	Webinar Talk on Exploring the Malaysia Real Estate Market : A Comprehensive Introduction	Dr. Cheng Chin Tiong & Ir. Dr. Wang Hong Kok	16
283	26 Sep 2023 8.30am - 1.15pm	HTETD	Technical Visit	UniKL Asia Rail Centre	-	10
284	26 Sep 2023 9.00am - 1.30pm	BSTD	Physical Course	Physical Half Day Course on "Harmonic Distortion of Drives, Issue and Solution"	Mr. Martin Elvhage	30
285	26 Sep 2023 10.00am - 2.00pm	SESIG	Technical Visit	Technical Visit To "Engineering Safety Best Practices Tunku Muhriz Power Plant, Jimah East Power Sdn. Bhd."	-	8
286	27 Sep 2023 9.00am - 5.00pm	EETD	Physical Course	A One Day Technical Seminar Building A Sustainable Future: Energy Efficiency for a Low Carbon Economy	Er. Professor Lock Kai Sang	120
287	27 Sep 2023 3.00pm - 5.00pm	HTETD	Webinar Talk	Webinar Talk on "Implementation challenges of Tidal Flow Lane system"	Assoc. Lt. Col. (CD) Ir. Ts. Dr. Muhammad Marizwan bin Hj. Abdul Manan	111
288	27-29 Sep 2023 9.00am - 5.00pm	E2TD/ICTSIG/ YES	Awareness Programme	Kuala Lumpur Engineering Science Fair 2023 (KLESF 2023) - STEM Programme	Dr. Praveena Nair a/p Sivasankaran, Ir. Amir Hussein bin Jaafar & Mr Lim Yiren	2500
289	30 Sep 2023 9.00am - 5.00pm	PMTD	Webinar Course	Virtual One Day Course on Rapid Prototyping for Product Development	Ir. Dr. Abang Annuar Ehsan	14
290	30 Sep 2023 9.00am - 11.00am	METD	Physical Talk	Physical Talk "Unlocking Latent Trait Diversity for Break-through Creativity, Innovation & Performance – Strategic Implications for High Performance Engineering Teams"	Datuk Razali Mahfar	30
291	02 Oct 2023 10.00am - 12.00pm	MaTD	Webinar Talk	Webinar Talk on "Next Decade Package Characterization & Materials Development in Memory Device Packaging"	Dr. Gan Chong Leong from Micron	40
292	02-03 Oct 2023 9.00am - 5.00pm	PMTD	Virtual Course	2-Day Course on Understanding Design and Build Projects	Ir. Lai Sze Ching	34
293	03 Oct 2023 3.00pm - 5.00pm	PMTD	Webinar Talk	Webinar Talk on Engineering Asset Management	Assoc. Prof. Dr. Abd. Rahman bin Abdul Rahim	102
294	07 Oct 2023 9.00am - 11.00am	OGMTD & WE	Webinar Talk	Webinar Talk on "Subsea Engineering - What we do" - Postponed from 03 June 2023	Dr. Ir. Jeyanthi Ramasamy	71

No.	Date & Time	TD/SIG/SEC + Others	Nature	Title	Speaker(s)	No. of Pax
295	07 Oct 2023 9.00am - 11.00am	PMTD	Physical Talk	Pre-AGM Talk on The Engineering Approach to Disaster Rescue Operations: Mitigation, Preparedness, and Innovation	Dr. Hj. Norhafifi bin Haji Ismail	30
296	07 Oct 2023 11.00am - 1.00pm	PMTD	AGM	19 th PMTD AGM	-	45
297	07 Oct 2023 10.00am - 12.00pm	CETD	AGM	37 th Annual General Meeting (AGM) of the Chemical Engineering Technical Division (CETD), IEM	-	82
298	10 Oct 2023 9.00am - 5.30pm	HTETD	Virtual Course	Virtual One Day Course On Highway Drainage Design	Ir. Chee Shai Choon	77
299	11 Oct 2023 5.30pm - 7.30pm	GETD	Physical Talk	PHYSICAL - Technical Talk on Ground Improvement vs. Pile Foundations	Mr. Jerome Racinais	40
300	14 Oct 2023 9.00am - 11.00am	OGMTD	Webinar Talk	Webinar Talk on "SSGP KP 265 Gas Pipeline Installation Challenges in Mountainous Region"	Ts. M. Asmadi bin Mohamad & Ts. Mohd Amlil bin Ismail	144
301	14 Oct 2023 11.00am - 1.00pm	ICTSIG	Physical Digital Class	ICTSIG Digital Class (February) on "Practical Internet of Things (IoT) with Free and Open-Source Software (FOSS)"	Ir. Lee Mun Poh, Ir. Chai Chen Sing & Ir. Chee Shai Choon	20
302	14 Oct 2023 9.00am - 11.00am	E2TD	Physical Talk	Prestige Talk on Future of Engineering Education: Global Perspective	YBhg. Dato' Prof. Ir. Dr. Mohd Hamdi bin Abd Shukur	30
303	17 Oct 2023 9.00am - 1.00pm	EETD	Physical Seminar	Half Day Technical Workshop On Ups And Back-Up Batteries	Ir. Chin Kok You & Mr. Nicolas Tellier	30
304	17 Oct 2023 3.00pm - 5.00pm	E2TD	Webinar Talk	Webinar Talk on CIBD Centralized Information Management System (CIMS) - Application of CIBD green card, renewal, replacement, etc.	En. Mohd Mazlan bin Mohamed Hassim	121
305	19-20 Oct 2023 9.00am - 5.00pm	PMTD	Virtual Course	Virtual 2 day Course on Project and Engineering Asset Maintenance Management	Assoc. Prof. Dr. Abd. Rahman bin Abdul Rahim	22
306	19-20 Oct 2023 9.00am - 6.00pm	GETD	Physical Seminar	2-Day Seminar on Understanding of Soil Behavior, Testing, and Geosynthetic Applications	Various Speakers	85
307	21 Oct 2023 11.00am - 1.00pm	ENETD	Technical Visit	Technical Visit to "NEDA Pekan Solar Farm, Pahang"	-	17
308	21 Oct 2023 10.00am - 12.00pm	MaTD	AGM	3 rd Annual General Meeting of Material Engineering Technical Division (MaTD), Penang Branch	-	30
309	23 Oct 2023 9.00am - 1.00pm	PMTD	Virtual Course	Virtual Half Day Course on Consultant Competencies for Sustainable Development Goal (UN SDG) Projects	Ir. Noor Iziddin Abdullah bin Ghazali	17
310	23 Oct 2023 3.00pm - 5.00pm	GETD	Webinar Talk	Webinar Talk on "The Role of CPTU on Forensic Investigation on Long Term Settlement and Geotechnical Failures of Construction on Soft Soils"	Prof. Paulus Rahadjo	122
311	24 Oct 2023 8.45am - 1.00pm	SSIG	Technical Visit	Technical Visit to Smart Meter Operation Center (SMOC) TNB - Rescheduled from 12 October 2023	-	23
312	26 Oct 2023 9.30am - 1.00pm	METD	Technical Visit	Technical Visit: Menara MENARA KEN TTDI (Green Tour)	-	23
313	26 Oct 2023 3.00pm - 5.00pm	OGMTD	Webinar Talk	Webinar Talk on Natural Hydrogen Exploration - Viable Option for the Future of Energy	Mr. Ernest Jones	151
314	27 Oct 2023 3.00pm - 5.00pm	AFETD	Webinar Talk	Webinar Talk on "Microalgae – the next Green Revolution"	Jagjit Singh Kaurah	65
315	28 Oct 2023 9.00am - 1.00pm	E2TD	Virtual Course	Virtual Half Day Course on "Driving Excellence: Quality Engineering in the Automotive Industry"	Ir. Sukhairul Nizam bin Abdul Razak	17
316	28 Oct 2023 9.00am - 5.30pm	WE	Physical Course	The 1 st WE IEM Conference 2023 - Women Empowerment Unleashing the Potential as Leaders of Change	Various Speakers	100
317	28 Oct 2023 9.00am - 5.30pm	YES	Virtual Course	One Day Course on "Introduction to SOLIDWORKS 2023"	Muhammad Zulfahmi bin Samsudin	29
318	30 Oct 2023 5.00pm - 7.00pm	CESIG	Webinar Talk	Webinar on "Malaysia New Industrial Master Plan 2030 NIMP2030 : What, Why, How"	Ir. Ts. Prof. Dr. Tan Chee Fai	65
319	31 Oct 2023 2.00pm - 4.00pm	AFETD	Webinar Talk	Webinar Talk on "ESG Role of Engineer"	Ir. Wan Wai Thong	70
320	01 Nov 2023 9.00am - 5.00pm	MNATD	Outreach Programme	Outreach Programme Love Our River Campaign	-	20
321	01 Nov 2023 8.30am - 1.00pm	EETD	Technical Visit	Technical Visit to Mikro MSC Sdn Bhd	-	10
322	03 Nov 2023 3.00pm - 5.00pm	SSIG	Webinar Talk	Webinar Talk on "CMMS - Successful Implementation to Aluminium Smelting Pot Room"	Ir. Tong Seng Won	96
323	04 Nov 2023 8.30am - 1.00pm	TUSTD	Technical Visit	Technical Visit to Langat 2 Project 'First Malaysia Treated Water Twin Tunnel'	-	40
324	04 Nov 2023 11.00am - 1.00pm	ICTSIG	Physical Digital Class	ICTSIG Digital Class (February) on "Practical Internet of Things (IoT) with Free and Open-Source Software (FOSS)"	Ir. Lee Mun Poh, Ir. Chai Chen Sing & Ir. Chee Shai Choon	17
325	04 Nov 2023 9.00am - 5.30pm	YES	Virtual Course	One Day Course on Introduction to AUTOCAD 2D & 3D	Muhammad Zulfahmi bin Samsudin	32

No.	Date & Time	TD/SIG/SEC + Others	Nature	Title	Speaker(s)	No. of Pax
326	04 Nov 2023 9.00am - 11.00am	HTETD	AGM	32 nd Annual General Meeting of the Highway and Transportation Engineering Technical Division (HTETD), IEM	-	81
327	04 Nov 2023 11.30am - 1.30pm	AFETD	AGM	25 th AFETD Virtual Annual General Meeting (AGM)	N/A	70
328	04 Nov 2023 10.00am - 12.00pm	EETD	Webinar Talk	Webinar on Sustainability Programs in Healthcare Facilities: Accelerating Decarbonisation Towards Net Zero Transition	Ir. Ts. Dr. Noor Muhammad Abd. Rahman	122
329	04-05 Nov 2023 9.30am - 5.00pm	CETD	Physical Competition	15 th Malaysia Chem-E Car Competition 2023	-	300
330	06 Nov 2023 9.00am - 1.00pm	PMTD	Virtual Course	Virtual Half Day Course on Carbon Emission Reduction in Energy Saving Projects Based on Financial Modelling	Ir. Noor Iziddin Abdullah bin Ghazali	32
331	06-10 Nov 2023 9.00am - 6.00pm	EETD & IEMTA	Physical Seminar	5-Day IEM Energy Manager Training Course (EMTC) - A Preparation Course for Registration as a Registered Electrical Energy Manager (REEM) with Suruhanjaya Tenaga	Various Speakers	15
332	07 Nov 2023 9.00am - 5.30pm	METD & PKK	Physical Seminar	1-Day Seminar : Engineering Shopping Malls V	Various Speakers	60
333	10 Nov 2023 3.00pm - 5.00pm	PMTD / MNATD	Webinar Talk	Webinar Talk on Marine Propeller 101 for Project Managers: Rapid Design to Manufacturing	Ts. Egbert Adolf Naintin	74
334	11 Nov 2023 9.00am - 11.00am	OGMTD	Webinar Talk	Webinar Talk on Grade Control and Systematic Ore Mining Procedure for Resource Efficiency in Mining Industry	Dr. Zakaria Endut	87
335	14 Nov 2023 3.00pm - 5.00pm	GETD	Webinar Talk	Webinar Talk on Pillow Talk Anchored-Shotcrete Permanent Retaining Wall	Mr. Dave Markham	256
336	15 Nov 2023 3.00pm - 5.00pm	OGMTD	Webinar Talk	Webinar Talk on Oil & Gas Industrial Research : Energy Transition Era: Harvesting Renewable Energy from Wind Replacing the Use of Fossil Fuel, and Biomass to Value-Added Products	Dr. Mohd Faizal Sedaralit & Mr. Navin Sharma	155
337	15 Nov 2023 3.00pm - 5.00pm	UEDSIG	Webinar Talk	Webinar Talk on 'Industry Revolution 5.0 and Digital Transformation for the Construction Industry'	Ts. Ir. Wong Chee Fui	229
338	16 Nov 2023 9.00am - 2.00pm	EETD	Physical Seminar	Seminar on Can Efficient Design Also Sustainable In Critical Facilities?	Various Speakers	30
339	18 Nov 2023 9.00am - 11.00am	OGMTD	Webinar Talk	Webinar Talk on Exploring the depth: Acid Mine Drainage Prediction	Dr. Suhaina Ismail	115
340	20 Nov 2023 9.00am - 1.00pm	TUSTD	Technical Visit	Technical Visit to SULRT3 Light Rail Transit Line 3 Underground (UG) Section	-	
341	20-21 Nov 2023 9.00am - 5.00pm	E2TD	Awareness Programme	PERMINDA Symposium on Sustainability and Innovation	Dr. Praveena Nair a/p Sivasankaran	500
342	23 Nov 2023 9.00am - 4.30pm	MaTD	Physical Workshop	Physical Event - One Day Workshop on "Standard Test Methods for Fire Tests of Building Construction and Materials"	Mr. Hanafi Mohamad & Pn. Sharifah Nur Badariah	20
343	23 Nov 2023 5.30pm - 7.30pm	CETD	Physical Talk	Physical Event - Technical Talk on "Reducing Embodied Carbon with Green Concrete Technologies"	Dr. Wang Su	36
344	25 Nov 2023 9.00am - 11.00am	OGMTD	Webinar Talk	Webinar Talk on Opportunities, Challenges and Way Forward on Carbon Capture for CCUS	Prof. Azmi Mohd Shariff	150
345	25 Nov 2023 9.00am - 3.00pm	CETD	Training	Training Day of "12 th IEM Chemical Engineering Design Competition 2023/2024"	Various Speakers	102
346	27 Nov 2023 4.00pm - 6.00pm	ICTSIG	Webinar Talk	Webinar Talk on Understanding 5G Technology and Applications	Dr. Tharek	90
347	27 Nov 2023 11.00am - 1.00pm	WE	Webinar Talk	The Application of Solar Technology: Through the Eyes of a Woman Engineer	Ir. Noorsuria Suradi	71
348	28-29 Nov 2023 9.00am - 5.00pm	PMTD	Virtual Course	Virtual 2-Day Course on Project Management for New Product Development (NPD)	Assoc. Prof. Dr. Abd. Rahman bin Abdul Rahim	24
349	29 Nov 2023 9.00am - 1.00pm	EETD	Technical Visit	Technical Visit to Maxguard Switchgear Sdn Bhd	NIL	10
350	29 Nov 2023 5.00pm - 7.00pm	TUSTD	Webinar Talk	Webinar Talk on "Constructing the LRT3 Tunnel Safely and Efficiently"	Mr. Wang Ji	295
351	29 Nov 2023 8.30am - 1.00pm	WRTD-WE	Technical Visit	Pantai 2 Sewage Treatment Plant (KLR399)	N/A	13
352	30 Nov 2023 9.00am - 5.30pm	OGMTD	Physical Course	1-Day Course on "HAZOP Study Workshop for Engineers & Managers"	Ir. Dr. John Eow	15
353	30 Nov 2023 8.30am - 10.30am	eETD, TAM, IET & IEEE	Physical Talk	Technical Talk on Design for Patentability	Prof. Dr. Sergei Ikovenko	63
354	30 Nov 2023 3.00pm - 5.00pm	CSETD	Virtual Course	Webinar Talk on Introduction on GPR for Structural Application	Dr. Muhd Norhasri Muhd Sidek	141
355	30 Nov 2023 2.00pm - 4.00pm	WRTD & DRABB	Webinar Talk	Webinar on "Sabo Structures for Debris and Mud Flow Control"	Ir. Dr. Wong Wai Sam & Ir. Ts. Noor Aishah binti Zaharin	65

No.	Date & Time	TD/SIG/SEC + Others	Nature	Title	Speaker(s)	No. of Pax
356	01 Dec 2023 3.00pm - 5.00pm	BSTD	Webinar Talk	Webinar Talk on "Have Problem with Your Chiller But Don't Know What To Do? Systematic Approach of Evaluating ACMV System Performance"	Ir. Al-Khairi Mohd Daud	88
357	02 Dec 2023 9.00am - 1.00pm	ENETD	Virtual Seminar	Half Day Online Seminar On "Energy Sustainability - A Way Forward to Environment Conservation"	Various Speakers	52
358	02 Dec 2023 11.00am - 1.00pm	ICTSIG	Physical Digital Class	ICTSIG Digital Class (February) on "Practical Internet of Things (IoT) with Free and Open-Source Software (FOSS)"	Ir. Lee Mun Poh, Ir. Chai Chen Sing & Ir. Chee Shai Choon	18
359	02 Dec 2023 9.00am - 11.00am	UEDSIG	AGM	6 th Annual General Meeting Urban Engineering Development Special Interest Group	-	105
360	02 Dec 2023 9.00am - 11.00am	OGMTD	Physical Talk	Pre-AGM Talk on Tin Mining in Malaya - Revisit the History of Tin Mining in Malaysia from a Perspective of a "Real Tin Miner"	Ir. Yap Keam Min	33
361	02 Dec 2023 11.00am - 1.00pm	OGMTD	AGM	33 rd Annual General Meeting Oil, Gas and Mining Technical Division, IEM	-	63
362	02 Dec 2023 10.00am - 12.00pm	ICTSIG	Virtual Talk	Machine Learning in Geotechnical Engineering: Cases in soil profiling and pipe jacking	Ir. Dr. Chung Siung	70
363	04 Dec 2023 9.00am - 1.00pm	METD	Technical Visit	Technical Visit to Beryl's Chocolate Factory	N/A	18
364	04-05 Dec 2023 9.00am - 5.00pm	GETD	Physical Course	Workshop on High Strain Dynamic Pile Load Test and Seminar on Pile Testing	Various Speakers	180
365	05 Dec 2023 9.00am - 1.30pm	UEDSIG	Virtual Seminar	Webinar Half Day Seminar on "Life Cycle Cost Analysis (LCCA) for Asset Management"	Assoc. Prof. Ir. Dr. Mohd. Fairullazi Ayob, Ir. Ts. Dr. Mohamad Adzizulrohimi Abd. Malek & Ir. Ts. Azhar Azmi	40
366	05 Dec 2023 3.00pm - 5.00pm	BSTD & SESIG	Webinar Talk	Webinar Talk on "Dengue Cases From Construction To Operation - OSHCIM Perspective Who Are Responsible For The Risk"	Ir. Gary Lim Eng Hwa	105
367	06 Dec 2023 9.00am - 1.00pm	UEDSIG	Technical Visit	Technical Visit to Urban Farm Project Using Alternative Energy System at Might Partnership Hub	-	12
368	06 Dec 2023 2.00pm - 4.00pm	EETD	Virtual Talk	Webinar on Introduction to Healthcare and Its Environment of Care Standards	Mr. Lim Keow Teck	75
369	08 Dec 2023 9.00am - 5.00pm	E2TD	Online Competition	Integrated Design Project Short Video Competition 2023	NIL	27
370	09 Dec 2023 9:00am -12:00pm	SCDARP	Physical Workshop	Workshop on Dispute Avoidance No. 7	Ir. Ang Kok Keng, Ir. Zafrul Mahmoo & Ir. Leon Weng Seng	29
371	09 Dec 2023 11.00am - 1.00pm	ICTSIG	Physical Digital Class	ICTSIG Digital Class (February) on "Practical Internet of Things (IoT) with Free and Open-Source Software (FOSS)"	Ir. Lee Mun Poh, Ir. Chai Chen Sing & Ir. Chee Shai Choon	20
372	12-13 Dec 2023 9.00am - 5.00pm	PMTD	Virtual Course	Virtual 2-Day Course on Understanding Construction Contracts - Failures and Remedies	Ir. Lai Sze Ching	73
373	13 Dec 2023 3.00pm - 5.00pm	GETD	Virtual Talk	Webinar on Rockfall Protection	Ir. Saifuddin Sheafi	170
374	13 Dec 2023 5.00pm - 7.00pm	GETD	Physical Talk	Technical Talk on Containment and Reduction of Emerging Contaminants Impact on the Environment: The Next Geosynthetics Revolution	Dr. A. (Malek) Bouazza	25
375	14 Dec 2023 9.00am - 5.00pm	PSESIG	Virtual Course	Virtual One Day Course on Government Asset Management - Building Performance Assessment	Ir. Ts. Dr. Mohamad Adzizulrohimi Abd. Malek	20
376	15 Dec 2023 3.00pm - 5.00pm	PMTD	Webinar Talk	Webinar Talk on Complex Product Development Project: Lessons Learned	Ir. Assoc. Prof. Dr. Abang Anuar Ehsan	96
377	15 Dec 2023 9.00am - 5.00pm	CESIG	Technical Visit	Technical Visit to Kawan Food Factory	N/A	15
378	16 Dec 2023 9.00am - 11.00am	METD	Webinar - PRE AGM Talk	Webinar Pre AGM Talk on "Updates and Changes in Building Code and Regulations" - In conjunction with METD's 38 th AGM	Ir. Loo Chee Kin	67
379	16 Dec 2023 11.00am - 1.00pm	METD	AGM	METD 38 th AGM	N/A	70
380	18 Dec 2023 9.00am - 1.00pm	PMTD	Virtual Course	Virtual Half Day on Project Management Tool & Techniques for Sustainable Development Goal (UN SDG) Projects	Ir. Noor Iziddin Abdullah bin Ghazali	27
381	19 Dec 2023 10.00am - 1.30pm	PSESIG	Technical Visit	Technical Visit To National Centre For Disease Control (Ncdc): Bim Implementation In Project	-	13
382	20 Dec 2023 4.00pm - 6.00pm	TUSTD	Webinar Talk	Webinar Talk on "Large-scale Subaqueous Tunnels - Tunnelling Methods, Challenges and Solutions"	Mr. Ozturk Ozhur	135
383	20-21 Dec 2023 9.00am - 5.00pm	PMTD	Virtual Course	Virtual 2-Day Course on Effective Project Management	Ir. Dr. Abang Anuar Ehsan	40
384	21 Dec 2023 3.00pm - 5.00pm	TUSTD	Webinar Talk	Webinar Talk on "Tunnel Dismantling Machine – from Innovation to Completion"	Mr. Christopher David Salisbury	116

No.	Date & Time	TD/SIG/SEC + Others	Nature	Title	Speaker(s)	No. of Pax
385	22 Dec 2023 10.00am - 12.00pm	E2TD	Webinar Talk	Webinar Talk on Optimal Control of Cancer Chemotherapy with State Constraints	Ir. Assoc. Prof. Dr. Jeevan Kanesan	17
386	22 Dec 2023 3.00pm - 5.00pm	E2TD	Webinar Talk	Webinar Talk on Revolutionizing Cardiovascular Risk Detection: The Power of Emerging Technologies and Concepts	Ir. Ts. Dr. Denesh Sooriamoorthy	45

**THE INSTITUTION OF ENGINEERS, MALAYSIA
HONORARY INTERNAL AUDITOR'S REPORT
ACCOUNTS FOR THE YEAR ENDED 31 DECEMBER 2023**

I have examined the Balance Sheet as at 31 December 2023, the Income and Expenditure Account together with Notes on the Accounts set out on pages 184 to 212, accounting and other records.

I hereby certify that they give a true and fair view of the state of affairs and the results of the Institution's operations for the year ended on that date.



Ir. Ts. Prof. Dr. Teo Fang Yenn
Honorary Internal Auditor




Ir. Dr. Bernard Lim Kee Weng
Honorary Internal Auditor

**THE INSTITUTION OF ENGINEERS, MALAYSIA
REPORTS AND FINANCIAL STATEMENTS
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2023**

STATEMENT BY COUNCIL

In the opinion of the council, the financial statements set out on pages 184 to 212 are drawn up in accordance with Malaysian Private Entities Reporting Standard and the constitution and by-laws of the Institution so as to give a true and fair view of the financial position of the Group and of the Institution as at 31 December 2023 and of the financial performance and cash flows of the Group and of the Institution for the financial year ended on that date.

Signed on behalf of the Council,



Ir. Prof. Dr. Norlida binti Buniyamin
President



Ir. Prof. Dr. David Chuah Joon Huang
Hon Treasurer

Petaling Jaya
Date: 18 March 2024

STATUTORY DECLARATION

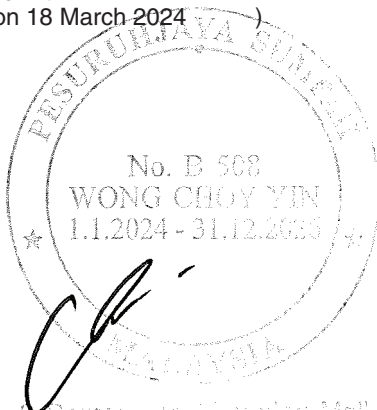
I, Ir. Prof. Dr. David Chuah Joon Huang (I/C No.: 760525-14-5215), the Hon Treasurer primarily responsible for the financial management of The Institution of Engineers, Malaysia, do solemnly and sincerely declare that the financial statements set out on pages 184 to 212 are, in my opinion, correct and I make this solemn declaration conscientiously believing the same to be true, and by virtue of the provisions of the Statutory Declarations Act, 1960.

Subscribed and solemnly declared by the)
above-named at Petaling Jaya in the state of)
Selangor Darul Ehsan on 18 March 2024)



Ir. Prof. Dr. David Chuah Joon Huang

Before me,



.....
COMMISSIONER FOR OATHS
Mannisa Shopping Mall
47400 Petaling Jaya
Selangor Darul Ehsan

INDEPENDENT AUDITORS' REPORT TO THE MEMBERS OF THE INSTITUTION OF ENGINEERS, MALAYSIA

Report On The Audit Of The Financial Statements

Opinion

We have audited the financial statements of The Institution Of Engineers, Malaysia, which comprise the statement of financial position as at 31 December 2023 of the Group and of the Institution, and the statement of income and expenditure, statement of changes in capital and reserve and statement of cash flows of the Group and of the Institution for the financial year then ended, and notes to the financial statements, including a summary of significant accounting policies, as set out on pages 184 to 215.

In our opinion, the accompanying financial statements give a true and fair view of the financial position of the Group and of the Institution as at 31 December 2023, and of its financial performance and its cash flows for the financial year then ended in accordance with Malaysian Private Entities Reporting Standard and the constitution and by-laws of the Institution.

Basis for Opinion

We conducted our audit in accordance with approved standards on auditing in Malaysia and International Standards on Auditing. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Independence and Other Ethical Responsibilities

We are independent of the Group and of the Institution in accordance with the By-Laws (on Professional Ethics, Conduct and Practice) of the Malaysian Institute of Accountants ("By-Laws") and the International Ethics Standards Board for Accountants' International Code of Ethics for Professional Accountants (including International Independence Standards) ('IESBA Code'), and we have fulfilled our other ethical responsibilities in accordance with the By-Laws and the IESBA Code.

Responsibilities of the Council for the Financial Statements

The council of the Institution is responsible for the preparation of financial statements of the Group and of the Institution that give a true and fair view in accordance with Malaysian Private Entities Reporting Standard and the constitution and by-laws of the Institution. The council is also responsible for such internal control as the council determine is necessary to enable the preparation of financial statements of the Group and of the Institution that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements of the Group and of the Institution, the council is responsible for assessing the Group's and the Institution'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 members either intend to liquidate the Group and the Institution or to cease operations, or has no realistic alternative but to do so.

Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements of the Group and of the Institution as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with approved standards on auditing in Malaysia and International Standards on Auditing 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 approved standards on auditing in Malaysia and International Standards on Auditing, we exercise professional judgment and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements of the Group and of the Institution, 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.
- 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 Group's and of the Institution's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the council members.

- Conclude on the appropriateness of the council's 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 Group's and the Institution's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the financial statements of the Group and of the Institution 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 auditors' report. However, future events or conditions may cause the Group and the Institution to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements of the Group and of the Institution, including the disclosures, and whether the financial statements of the Group and of the Institution represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the financial statements of the Group. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.

We communicate with the council 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.

Other Matters

This report is made solely to the council, in accordance with Section 26 of the Societies Act, 1966 in Malaysia and for no other purpose. We do not assume responsibility to any other person for the content of this report.



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TNL PARTNERS PLT
Registration No. 202006000023
(LLP0024736-LCA) (AF002388)
Chartered Accountants

Petaling Jaya
Dated: 18 March 2024



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Ng Leong Teck
03168/12/2023 J
Chartered Accountant

STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2023

	Note	Group		Institution	
		2023 RM	2022 RM	2023 RM	2022 RM
ASSET					
NON-CURRENT ASSETS					
Property, plant and equipment	4	11,536,250	11,796,183	11,527,426	11,783,658
Investment properties	5	-	-	-	-
Investment in subsidiaries	6	-	-	200,000	200,000
Deferred tax asset	7	700,568	698,983	-	-
Goodwill on consolidation		65,588	65,588	-	-
		12,302,406	12,560,754	11,727,426	11,983,658
CURRENT ASSETS					
Receivables	8	2,284,637	2,101,068	2,099,662	1,907,734
Deposits, cash and bank balances	9	8,618,101	8,647,721	6,305,662	6,234,883
		10,902,738	10,748,789	8,405,324	8,142,617
TOTAL ASSETS		23,205,144	23,309,543	20,132,750	20,126,275
EQUITY AND LIABILITIES					
EQUITY					
Accumulated fund	10	9,371,512	9,298,094	6,897,215	6,737,176
Capital reserve fund	11	-	-	-	-
Capital contribution reserve	12	4,631,548	4,619,575	4,631,548	4,619,575
Activities fund	13	67,331	67,331	67,331	67,331
Library fund	14	730,479	722,699	730,479	722,699
Building fund	15	3,551,774	3,657,209	3,551,774	3,657,209
Stem fund	16	44,286	40,653	44,286	40,653
Uplife fundraising	17	59,557	-	59,557	-
TOTAL EQUITY		18,456,487	18,405,561	15,982,190	15,844,643
CURRENT LIABILITIES					
Payables	18	4,241,138	4,434,844	4,150,560	4,281,632
Provision for tax		507,519	469,138	-	-
		4,748,657	4,903,982	4,150,560	4,281,632
TOTAL LIABILITIES		4,748,657	4,903,982	4,150,560	4,281,632
TOTAL EQUITY AND LIABILITIES		23,205,144	23,309,543	20,132,750	20,126,275

STATEMENT OF INCOME AND EXPENDITURE FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2023

	Note	Group		Institution	
		2023 RM	2022 RM	2023 RM	2022 RM
INCOME					
Members' subscription fees		2,889,345	3,083,661	2,889,345	3,083,661
Training and registration fees		538,954	488,512	-	-
Interest income		198,959	85,780	145,754	65,712
Membership reinstatement fees		28,810	47,100	28,810	47,100
Miscellaneous income:					
- Credit cards commission		80,736	74,792	80,736	74,792
- Insurance commission		223,093	23,186	223,093	23,186
- IEM Exhibition conference income		232,751	192,764	232,751	192,764
- Rental of equipment		350	-	350	-
- Dividend income		80,000	-	80,000	-
- Others		156,336	45,963	187,074	34,140
		4,429,334	4,041,758	3,867,913	3,521,355
LESS: EXPENDITURE					
Cost for courses		192,808	110,191	-	-
Personnel emoluments and benefits	19	2,903,807	2,774,592	2,665,635	2,548,931
Administrative expenses	20	696,424	569,764	620,801	491,701
Branch subsidies	21	699,056	431,586	699,056	431,586
Inter-society activities	22	22,408	22,762	22,408	22,762
Subscription in arrears written off		244,146	218,255	244,146	218,255
Depreciation of plant and equipment		91,397	115,490	87,696	90,096
		(4,850,046)	(4,242,640)	(4,339,742)	(3,803,331)
(DEFICIT) / SURPLUS					
Deficit from core institution		(420,712)	(200,882)	(471,829)	(281,976)
Surplus from institutional services	23	851,601	696,010	917,222	696,010
Operational surplus		430,889	495,128	445,393	414,034
Deficit from rental income	24	(357,104)	(66,568)	(285,354)	(18,568)
Surplus before tax		73,785	428,560	160,039	395,466
Income tax expense	25	(367)	(17,972)	-	-
Total surplus for the financial year		73,418	410,588	160,039	395,466

STATEMENT OF CHANGES IN CAPITAL AND RESERVES FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2023

Group	Accumulated fund RM	Capital reserve fund RM	Capital contribution reserve RM	Activities fund RM	Library fund RM	Building fund RM	Stem fund RM	Uplife fundraising RM	Total RM
As at 31 December 2021	10,094,080	3,630,888	4,463,115	67,331	733,768	3,684,555	32,802	-	22,706,539
Surplus for the financial year	410,588	-	-	-	-	-	-	-	410,588
Overtaken of depreciation in prior years	-	776,195	-	-	-	-	-	-	776,195
Collection/(expenses) during the year	-	-	-	-	(11,069)	(27,346)	7,851	-	(30,564)
Entrance and transfer fees	-	-	102,964	-	-	-	-	-	102,964
Transfer of funds	(1,206,574)	(4,407,083)	53,496	-	-	-	-	-	(5,560,161)
As at 31 December 2022	9,298,094	-	4,619,575	67,331	722,699	3,657,209	40,653	-	18,405,561
Surplus for the financial year	73,418	-	-	-	-	-	-	-	73,418
Collection/(expenses) during the year	-	-	-	-	7,780	(105,435)	3,633	59,557	(34,465)
Entrance and transfer fees	-	-	-	-	-	-	-	-	-
As at 31 December 2023	9,371,512	-	4,631,548	67,331	730,479	3,551,774	44,286	59,557	18,456,487

Institution	Accumulated fund RM	Capital reserve fund RM	Capital contribution reserve RM	Activities fund RM	Library fund RM	Building fund RM	Stem fund RM	Uplife fundraising RM	Total RM
As at 31 December 2021	7,548,284	3,630,888	4,463,115	67,331	733,768	3,684,555	32,802	-	20,160,743
Surplus for the financial year	395,466	-	-	-	-	-	-	-	395,466
Overtaken of depreciation in prior years	-	776,195	-	-	-	-	-	-	776,195
Collection/(expenses) during the year	-	-	-	-	(11,069)	(27,346)	7,851	-	(30,564)
Entrance and transfer fees	-	-	102,964	-	-	-	-	-	102,964
Transfer of funds	(1,206,574)	(4,407,083)	53,496	-	-	-	-	-	(5,560,161)
As at 31 December 2022	6,737,176	-	4,619,575	67,331	722,699	3,657,209	40,653	-	15,844,643
Surplus for the financial year	160,039	-	-	-	-	-	-	-	160,039
Collection/(expenses) during the year	-	-	-	-	7,780	(105,435)	3,633	59,557	(34,465)
Entrance and transfer fees	-	-	-	-	-	-	-	-	-
As at 31 December 2023	6,897,215	-	4,631,548	67,331	730,479	3,551,774	44,286	59,557	15,982,190

STATEMENT OF CASH FLOWS FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2023

	Note	Group		Institution	
		2023 RM	2022 RM	2023 RM	2022 RM
CASH FLOWS FROM OPERATING ACTIVITIES					
Total surplus and other contributions / received before tax		73,785	428,560	160,039	395,466
Adjustments for:					
Depreciation					
- property, plant and equipment		472,465	550,251	468,764	524,857
- investment properties		-	76,931	-	76,931
SST charged out		-	(4,625)	-	-
Subscription in arrears written off		244,146	218,255	244,146	218,255
Waiver of debt		36,909	-	-	-
Interest income		(198,959)	(85,780)	(145,754)	(65,712)
Interest expense		-	60,295	-	60,295
Operating surplus before working capital changes		628,346	1,243,887	727,195	1,210,092
Increase in receivables		(445,807)	(269,367)	(454,206)	(287,745)
Decrease / (increase) in subscription in arrears		18,092	(191,947)	18,092	(191,947)
Decrease in payables		(487,254)	(1,082,157)	(387,711)	(859,175)
Increase in subscription in advances		256,639	768,935	256,639	768,935
Cash (used in) / generated from operations		(29,984)	469,351	160,009	640,160
Interest received		2,557	2,147	2,283	2,147
Tax refund		51,368	151,995	-	-
Tax paid		(14,939)	(16,392)	-	-
Net cash generated from operating activities		9,002	607,100	162,292	642,306
CASH FLOWS FROM INVESTING ACTIVITIES					
Purchases of property, plant and equipment	4	(212,532)	(27,729)	(212,532)	(27,729)
Utilisation of capital reserve fund		-	(129,299)	-	(129,299)
Entrance and transfer fees capitalised		11,973	102,964	11,973	102,964
Expenses charged from funds		(34,465)	(30,564)	(34,465)	(30,564)
Net cash used in investing activities		(235,024)	(84,628)	(235,024)	(84,628)
CASH FLOWS FROM FINANCING ACTIVITIES					
Repayment to term loans		-	(105,714)	-	(105,714)
Term loans interest		-	(60,295)	-	(60,295)
Changes in bank overdraft		-	(5,252)	-	(5,252)
Fixed deposits interest		196,402	83,634	143,471	63,566
Changes in fixed deposits		(1,129,939)	(1,550,139)	(1,248,298)	(1,829,126)
Advances from a related company		-	205,143	-	-
Advances to a subsidiary		-	-	-	(120)
Repayment from subsidiary		-	-	40	(909)
Net cash used in financing activities		(933,537)	(1,432,623)	(1,104,787)	(1,937,850)
Net decrease in cash and cash equivalents		(1,159,559)	(910,151)	(1,177,519)	(1,380,172)
Cash and cash equivalents at beginning of the financial year		3,757,965	4,668,116	2,832,933	4,213,105
Cash and cash equivalents at end of the financial year	9	2,598,406	3,757,965	1,655,414	2,832,933

NOTES TO THE FINANCIAL STATEMENTS FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2023**1. GENERAL INFORMATION**

The Institution is a registered institution registered under the Society Act, 1966 and domiciled in Malaysia.

The registered office and principal place of office is located at Bangunan Ingenieur, Lot 60 & 62, Jalan 52/4, Peti Surat 223, Jalan Sultan, 46720 Petaling Jaya, Selangor Darul Ehsan.

The Institution is principally engaged in the business as promote and advance the science and profession of all aspects of engineering. The principal activities of the subsidiaries are described in Note 6 in the notes to the financial statements. There have been no significant changes in the nature of these principal activities of the Institution and of its subsidiaries during the financial year.

The financial statements of the Group and of the Institution are presented in the functional currency, which is the currency of the primary economic environment in which the entity operates. The functional currency of the Group and of the Institution is Ringgit Malaysia as the sales and purchases are mainly denominated in Ringgit Malaysia and receipts from operations are usually retained in Ringgit Malaysia and funds from financing activities are generated in Ringgit Malaysia.

2. SIGNIFICANT ACCOUNTING POLICIES

The financial statements have been prepared in accordance with the Malaysian Private Entities Reporting Standard ("MPERS") and the constitution and by-laws of the institution.

The financial statements have been prepared on the historical cost basis, except for the revaluation of certain assets and liabilities.

The principal accounting policies adopted are set out below:

2.1 BASIS OF CONSOLIDATION

The Group financial statements include the audited financial statements of the Institution and all of its subsidiaries. Subsidiaries are those companies in which the Group has power, directly or indirect, to exercise control over the financial and operating policies so as to obtain benefits from its activities. Investments in subsidiaries are stated at cost less impairment losses.

All inter-company transactions, balances and resulting unrealised gains are eliminated; unrealised losses are also eliminated unless cost cannot be recovered. Where necessary, adjustments are made to the financial statements of subsidiaries to ensure consistency of accounting policies with those of the Group.

The financial statements of the parent and its subsidiaries are all drawn up to the same reporting date.

Subsidiaries are consolidated using the acquisition method of accounting from the date control is transferred to the Group and are no longer consolidated from the date control ceases. The results of the subsidiary companies acquired during the financial year are included in the consolidated financial statements from the date of their acquisition.

Minority interests in the consolidated balance sheets consist of the minorities' share of fair values of the identifiable assets and liabilities of the acquiree as at the date of acquisition and the minorities' share of movements in the acquiree's equity. Losses applicable to the minority in excess of the minority interest in the subsidiary's equity are allocated against the interest of the Group except to the extent that the minority has a binding obligation and is able to make good the losses.

2.2 INVESTMENTS IN SUBSIDIARIES

Investments in subsidiaries are stated at cost in the balance sheet of the Institution, and are reviewed for impairment at the end of the reporting period if events or changes in circumstances indicate that the carrying values may not be recoverable.

On the disposal of the investments in subsidiary, the difference between the net disposal proceeds and the carrying amount of the investments is recognised in profit or loss.

2.3 GOODWILL

Goodwill represents the excess of the fair value of purchase consideration of subsidiaries acquired over the Institution's share of the fair values of their identifiable assets and liabilities at the date of acquisition.

The carrying amount of goodwill is written down for impairment if the recoverable amount is less than its carrying value.

2.4 PROPERTY, PLANT AND EQUIPMENT

The cost of an item of property, plant and equipment is recognised as an asset when it is probable that future economic benefits associated with the item will flow to the Group and to the Institution and the cost of the item can be measured reliably. After recognition as an asset, an item of, property, plant and equipment are measured at cost less any accumulated depreciation and any accumulated impairment losses.

After recognition as an asset, freehold land and buildings are carried at their revalued amount, being their fair value at the date of the revaluation, less any subsequent accumulated depreciation and subsequent accumulated impairment losses. Revaluations are made with sufficient regularity to ensure that carrying amounts do not differ materially from that which would be determined using fair value at the end of the reporting period.

A revaluation increase arising from a revaluation is recognised in other comprehensive income and accumulated in equity under the heading of property revaluation surplus, except when the increase is recognised in the profit or loss to the extent that it reverses a revaluation decrease of the same asset previously recognised in profit or loss. A revaluation decrease arising from a revaluation is recognised in profit or loss, except when the decrease is recognised in other comprehensive income to the extent of any credit balance existing in the property revaluation surplus in respect of that asset. The decrease recognised in other comprehensive income reduces the amount accumulated in equity under the heading of property revaluation surplus.

Except for freehold land which is not depreciated.

Depreciation is provided on a straight-line method so as to write off the depreciable amount of the following assets over their estimated useful lives, as follows:

	<u>Rate</u>
Freehold land	2%
Leasehold land and buildings	2%
Furniture and fittings	5% - 10%
Office equipment	10% - 20%
Library software	10%
Building renovation	5% - 20%
Lift	10%

Depreciation of an asset begins when it is ready for its intended use.

If there is an indication of a significant change in factors affecting the residual value, useful life or asset consumption pattern since the last annual reporting date, the residual values, depreciation method and useful lives of depreciable assets are reviewed, and adjusted prospectively.

The carrying amounts of items of plant and equipment are derecognised on disposal or when no future economic benefits are expected from their use or disposal. Any gain or loss arising from the derecognition of items of plant and equipment, determined as the difference between the net disposal proceeds, if any, and the carrying amounts of the item, is recognised in profit or loss. Neither the sale proceeds nor any gain on disposal is classified as revenue.

2.5 INVESTMENT PROPERTIES

Investment property which is held to earn rentals or for capital appreciation or both, is measured initially at its cost. Transaction costs are included in the initial measurement.

After recognition as investment property, items of investment property whose fair value can be measured reliably without undue cost or effort are measured at fair value at each reporting date with changes in fair value recognised in profit or loss. If a reliable measure of fair value is no longer available without undue cost or effort for an item of investment property measured at fair value, it is thereafter account for as property, plant and equipment in accordance with Section 17 of the MPERS. The carrying amount of the investment property on that date becomes its cost.

Property interests held under operating leases are not classified and accounted for as investment property.

2.6 IMPAIRMENT OF ASSETS, OTHER THAN INVENTORIES AND FINANCIAL ASSETS

At each reporting date, the Group and the Institution assess whether there is any indication that an asset may be impaired. If any such indication exists, the recoverable amount of the asset is estimated.

When there is an indication that an asset may be impaired but it is not possible to estimate the recoverable amount of the individual asset, the Group and the Institution estimate the recoverable amount of the cash-generating unit to which the asset belongs.

The recoverable amount of an asset and a cash-generating unit is the higher of the fair value less costs to sell and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset.

If the recoverable amount of an asset or a cash-generating unit is less than the carrying amount, an impairment loss is recognised to reduce the carrying amount to its recoverable amount. An impairment loss for a cash-generating unit is firstly allocated to reduce the carrying amount of any goodwill allocated to the cash-generating unit, and then, to the other non-current assets of the unit pro rata on the basis of the carrying amount of each appropriate asset in the cash-generating unit. Impairment loss is recognised immediately in profit or loss, unless the asset is carried at a revalued amount, in which case it is treated as a revaluation decrease.

The recoverable amount is the higher of an asset's or cash-generating unit's fair value less to sell, value in use and zero.

An impairment loss recognised in prior periods for an asset or the appropriate assets of a cash-generating unit is reversed when there has been a change in the estimates used to determine the asset's recoverable amount. An impairment loss is reversed to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation, if no impairment loss had been recognised in prior periods. A reversal of an impairment loss is recognised immediately in profit or loss, unless the asset is carried at revalued amount, in which case it is treated as a revaluation increase.

2.7 FINANCIAL ASSETS

Financial assets are recognised in the statement of financial position when the Group and the Institution become a party to the contractual provisions of the instrument.

On initial recognition, financial assets are measured at transaction price, include transaction costs for financial assets not measured at fair value through profit or loss, unless the arrangement constitutes, in effect, a financing transaction for the counterparty to the arrangement.

After initial recognition, financial assets are classified into one of three categories: financial assets measured at fair value through profit or loss, financial assets that are debt instruments measured at amortised cost, and financial assets that are equity instruments measured at cost less impairment.

i) Financial Assets At Fair Value Through Profit Or Loss

Financial assets are classified as at fair value through profit or loss when the financial assets are within the scope of Section 12 of the MPERS or if the financial assets are publicly traded or their fair value can otherwise be measured reliably without undue cost or effort.

Changes in fair value are recognised in profit or loss.

If a reliable measure of fair value is no longer available for an equity instrument that is not publicly traded but is measured at fair value through profit or loss, its fair value at the last date that instrument was reliably measurable is treated as the cost of the instrument, and it is measured at this cost amount less impairment until a reliable measure of fair value becomes available.

ii) Financial Assets That Are Debt Instruments Measured At Amortised Cost

After initial recognition, debt instruments are measured at amortised cost using the effective interest method. Debt instruments that are classified as current assets are measured at the undiscounted amount of the cash or other consideration expected to be received.

Effective interest method is a method of calculating the amortised cost of financial assets and of allocating the interest income over the relevant period. The effective interest rate is the rate that exactly discounts estimate future cash receipts through the expected life of the financial assets or, when appropriate, a shorter period, to the carrying amount of the financial assets.

iii) ***Financial Assets That Are Equity Instruments Measured At Cost Less Impairment***

Equity instruments that are not publicly traded and whose fair value cannot otherwise be measured reliably without undue cost or effort, and contracts linked to such instruments that, if exercised, will result in delivery of such instruments, are measured at cost less impairment.

iv) ***Impairment Of Financial Assets***

At the end of each reporting period, the Group and the Institution assess whether there is any objective evidence that financial assets that are measured at cost or amortised cost, are impaired.

Objective evidence could include:

- significant financial difficulty of the issuer; or
- a breach of contract; or
- the lender granting to the borrower a concession that the lender would not otherwise consider; or
- it becoming probable that the borrower will enter bankruptcy or other financial reorganisation; or
- observable data indicating that there is a measurable decrease in the estimated future cash flows from the financial assets since the initial recognition of those assets.

For certain category of financial assets, such as trade receivables, if it is determined that no objective evidence of impairment exists for an individually assessed financial asset, whether significant or not, the assets are included in a group with similar credit risk characteristics and collectively assessed for impairment.

Impairment losses, in respect of financial assets measured at amortised cost, are measured as the differences between the assets' carrying amounts and the present values of their estimated cash flows discounted at the assets' original effective interest rate.

If there is objective evidence that impairment losses have been incurred on financial assets measured at cost less impairment, the amount of impairment losses are measured as the difference between the asset's carrying amount and the best estimate of the amount that the Group and the Institution would receive for the asset if it were to be sold at the reporting date.

The carrying amounts of the financial assets are reduced directly, except for the carrying amounts of trade receivables which are reduced through the use of an allowance account. Any impairment loss is recognised in profit or loss immediately. If, in subsequent period, the amount of an impairment loss decreases, the previously recognised impairment losses are reversed directly, except for the amounts related to trade receivables which are reversed to write back the amount previously provided in the allowance account. The reversal is recognised in profit or loss immediately.

v) ***Derecognition Of Financial Assets***

Financial assets are derecognised when the contractual rights to the cash flows from the financial assets expire, or are settled, or the Group and the Institution transfer to another party substantially all of the risks and rewards of ownership of the financial assets.

On derecognition of financial assets in their entirety, the differences between the carrying amounts and the sum of the consideration received and any cumulative gains or losses are recognised in profit or loss in the period of the transfer.

2.8 SUBSCRIPTION IN ARREARS

Subscription in arrears of one year and more and where, in the opinion of the Council, are no longer recoverable from its members are written off to the statements of income and expenditure.

2.9 CASH AND CASH EQUIVALENTS

Cash and cash equivalents in the statement of cash flows comprise cash and bank balances, short-term bank deposits and other short-term, highly liquid investments that have a short maturity of three months or less from the date of acquisition, net of bank overdrafts.

2.10 CAPITAL RESERVE FUND

Fund raised from members for the purchase of property, plant and equipment are capitalised as Capital Reserve Fund.

2.11 LIBRARY FUND

Enrolment fee received from corporate members for library membership of the Institution and donation received from members or non-members for capital expenditure of the library are capitalised as Library Fund.

2.12 BUILDING FUND

Funds and donations received from members for the purchase of Wisma IEM are capitalised in Building Fund. A separate bank account has been kept for the fund.

2.13 STEM FUND

STEM stands for Science, Technology, Engineering and Mathematics. It is a fund collected from members for student.

2.14 LIABILITIES AND EQUITY*i) Classification Of Liabilities And Equity*

Financial liabilities and equity instruments are classified in accordance with the substance of the contractual arrangement, not merely its legal form, and in accordance with the definitions of a financial liability and an equity instrument.

2.15 PROVISIONS

A provision is recognised when the Group and the Institution has an obligation at the reporting date as a result of a past event, it is probable that a transfer of economic benefits will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation.

The risks and uncertainties are taken into account in reaching the best estimate of a provision. When the effect of the time value of money is material, the amount recognised in respect of the provision is the present value of the expenditure expected to be required to settle the obligation.

2.16 LEASES*Operating Leases*

A lease is classified as an operating lease if it does not transfer substantially all the risks and rewards incidental to ownership. Lease payments under operating leases are recognised as an expense on a straight-line basis over the lease term.

2.17 FINANCIAL LIABILITIES

Financial liabilities are recognised in the statement of financial position when the Group and the Institution becomes a party to the contractual provisions of the instrument.

On initial recognition, financial liabilities are measured at transaction price, include transaction costs for financial liabilities not measured at fair value through profit or loss, unless the arrangement constitutes, in effect, a financing transaction for the Group and the Institution to the arrangement.

After initial recognition, financial liabilities are classified into one of three categories: financial liabilities measured at fair value through profit or loss, financial liabilities measured at amortised cost, or loan commitments measured at cost less impairment.

i) Financial Liabilities Measured At Fair Value Through Profit Or Loss

Financial liabilities are classified as at fair value through profit or loss when the financial liabilities are within the scope of Section 12 of the MPERS or if the financial liabilities are publicly traded or their fair value can otherwise be measured reliably without undue cost or effort.

If a reliable measure of fair value is no longer available for an equity instrument that is not publicly traded but is measured at fair value through profit or loss, its fair value at the last date that instrument

was reliably measurable is treated as the cost of the instrument, and it is measured at this cost amount less impairment until a reliable measure of fair value becomes available.

ii) Financial Liabilities Measured At Amortised Cost

After initial recognition, financial liabilities other than financial liabilities at fair value through profit or loss are measured at amortised cost using the effective interest method. Gains or losses are recognised in profit or loss when the financial liabilities are derecognised or impaired.

Effective interest method is a method of calculating the amortised cost of financial liabilities and of allocating the interest expense over the relevant period. The effective interest rate is the rate that exactly discounts estimate future cash payments through the expected life of the financial liabilities or, when appropriate, a shorter period, to the carrying amount of the financial liabilities.

iii) Loan Commitments Measured At Cost Less Impairment

Commitments to receive loan that meet the conditions of Section 11 of the MPERS are measured at cost less impairment.

iv) Derecognition Of Financial Liabilities

Financial liabilities are derecognised when the obligation specified in the contract is discharged, cancelled or expires.

Any difference between the carrying amounts of the financial liabilities derecognised and the consideration paid is recognised in profit or loss.

2.18 REVENUE

i) Member's subscription fee

Member's subscription fee is payable annually at the beginning of the financial year. Only that subscription which is attributable to the current financial year is recognised as income. Subscription relating to periods beyond the current financial year is taken up in the statements of financial position as subscription in advance under current liabilities. Subscription is payable in full irrespective of the date of resignation of members during the financial year.

ii) Advertisement in Bulletin / Journal

Advertisement income receivable for the placement of advertisement in bulletin / journal published by the Institution is recognised when the right to receive payment is established.

iii) Rental income

Rental income is recognised when the right to receive payment is established.

iv) Credit cards commission

Credit cards commission from the banks are recognised when the right to receive payment is established.

v) Interest income

Interest income is recognised on accruals basis using the effective interest methods.

vi) Dividend income

Dividend income is recognised when the right to received payments is established.

2.19 EMPLOYMENT BENEFITS

i) Short-Term Employment Benefits

Short-term employment benefits, such as wages, salaries and other benefits, are recognised at the undiscounted amount as a liability and an expense when the employees have rendered services to the Group and the Institution.

The expected cost of accumulating compensated absences are recognised when the employees render services that increase their entitlement to future compensated absences. The expected cost of non-accumulating compensated absences, such as sick and medical leaves, are recognised when the absences occur.

The expected cost of accumulating compensated absences are measured at the undiscounted additional amount expected to be paid as a result of the unused entitlement that has accumulated at the end of the reporting period.

The expected cost of profit-sharing and bonus payments are recognised when the Group and the Institution has a present legal or constructive obligation to make such payments as a result of past events and a reliable estimate of the obligation can be made. A present obligation exists when the Group and the Institution has no realistic alternative but to make the payments.

ii) Defined Contribution Plan

Contributions payable to the defined contribution plan are recognised as a liability and an expense when the employees have rendered services to the Group and the Institution.

2.20 INCOME TAX

Tax expense is recognised in profit or loss, except that a change attributable to an item of income or expense recognised as other comprehensive income is also recognised in other comprehensive income.

Tax payable on taxable profit for current and past periods is recognised as a current tax liability to the extent unpaid. If the amount paid in respect of the current and past periods exceeds the amount payable for those periods, the excess is recognised as a current tax asset.

Current tax assets and liabilities are measured at the amounts expected to be paid or recovered, using the tax rates and laws that have been enacted or substantially enacted by the reporting date.

Current tax liabilities and assets are offset if, and only if the Group and the Institution has a legally enforceable right to set off the amounts and plan either to settle on a net basis, or to realise the asset and settle the liability simultaneously.

Deferred tax is provided in full on temporary differences which are the differences between the carrying amounts in the financial statements and the corresponding tax base of an asset or liability at the end of the reporting period.

Deferred tax liabilities are recognised for all taxable temporary differences that are expected to increase taxable profit in the future. Deferred tax assets are recognised for all deductible temporary differences that are expected to reduce taxable profit in the future and the carry forward of unused tax losses and unused tax credits.

Deferred tax liabilities and assets are not recognised in respect of the temporary differences associated with the initial recognition of an asset or a liability in a transaction that is not a business combination and at the time of the transactions, affects neither accounting profit nor taxable profit. Deferred tax liabilities are also not recognised for temporary difference associated with the initial recognition of goodwill.

Deferred tax liabilities and assets reflect the tax consequences that would follow from the manner in which the Group and the Institution expects to recover or settle the carrying amounts of their assets and liabilities and are measured at the tax rates and laws that are expected to apply to the period when the asset is realised or the liability is settled, based on tax rates that have been enacted or substantially enacted by the reporting date.

3. CRITICAL ACCOUNTING JUDGEMENTS AND KEY SOURCES OF ESTIMATION UNCERTAINTY

3.1 CRITICAL JUDGEMENTS IN APPLYING THE ACCOUNTING POLICIES

The judgements, apart from those involving estimations described below, that management has made in the process of applying the accounting policies and that have the most significant effect on the amounts recognised in the financial statements, other than those disclosed in the Notes, are as follows:

i) Contingent Rental

The Group and the Institution has entered into tenancy agreements for the lease of land and staff housing, which contain contingent rental features based on predetermined revenue thresholds. The Group and Institution has determined that these contingent rental features are not embedded derivatives to be separately accounted for due to the economic characteristics and risks of these

contingent rental features are closely related to the economic characteristics and risks of the underlying tenancy agreements. There are no leverage features contained within these contingent rental features.

3.2 KEY SOURCES OF ESTIMATION UNCERTAINTY

The key assumptions concerning the future, and other key sources of estimation uncertainty at the reporting date, that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next year, other than those disclosed in the Notes, are as follows:

i) Depreciation Of Property, Plant And Equipment

The estimates for the residual values, useful lives and related depreciation charges for the property, plant and equipment are based on commercial factors which could change significantly as a result of technical innovations and competitors' actions in response to the market conditions. The Group and the Institution anticipates that the residual values of its property, plant and equipment will be insignificant. As a result, residual values are not being taken into consideration for the computation of the depreciable amount. Changes in the expected level of usage and technological development could impact the economic useful lives and the residual values of these assets, therefore future depreciation charges could be revised.

ii) Impairment Of Goodwill On Consolidation

The Group determines whether goodwill on consolidation is impaired at least on an annual basis. This requires an estimation of the value-in-use of the subsidiaries to which goodwill is allocated. Estimating a value-in-use amount requires management to make an estimate of the expected future cash flows from the subsidiaries and also to choose a suitable discount rate in order to calculate the present value of those cash flows.

The calculation of the value-in-use amount is most sensitive to the following assumptions:

- (a) Budgeted gross margin. Gross margins are based on historical averages achieved in the preceding three (3) financial years, adjusted to reflect anticipated efficiency and productivity improvements.
- (b) Growth rates. The forecasted growth rates are based on published industry data and do not exceed the sustainable long-term average growth rate for the relevant industries.
- (c) Pre-tax discount rates. The discount rates reflect current market assessment of specific risks of the subsidiaries. These discount rates have consistently been used by management as the benchmark rates in project appraisals of the subsidiaries.

iii) Income Taxes

There are certain transactions and computations for which the ultimate tax determination may be different from the initial estimate. The Group and the Institution recognises tax liabilities based on its understanding of the prevailing tax laws and estimates of whether such taxes will be due in the ordinary course of business. Where the final outcome of these matters is different from the amounts that were initially recognised, such difference will impact the income tax expense and deferred tax balances in the year in which such determination is made.

iv) Impairment of Receivables

An impairment loss is recognised when there is objective evidence that a financial asset is impaired. Management specifically reviews its loans and receivables financial assets and analyses historical bad debts, customer concentrations, customer creditworthiness, current economic trends and changes in the customer payment terms when making a judgement to evaluate the adequacy of the allowance for impairment losses. Where there is objective evidence of impairment, the amount and timing of future cash flows are estimated based on historical loss experience for assets with similar credit risk characteristics. If the expectation is different from the estimation, such difference will impact the carrying value of receivables.

4. PROPERTY, PLANT AND EQUIPMENT

	As at 1.1.2023 RM	Additions RM	As at 31.12.2023 RM
GROUP COST			
Freehold land	234,279	-	234,279
Leasehold land and buildings	15,108,987	-	15,108,987
Furniture and fittings	336,383	38,092	374,475
Office equipment	714,774	121,440	836,214
Library software	42,077	-	42,077
Building renovation	1,724,995	53,000	1,777,995
Lift	231,650	-	231,650
	18,393,145	212,532	18,605,677

	As at 1.1.2023 RM	Depreciation charge for the year RM	As at 31.12.2023 RM
GROUP ACCUMULATED DEPRECIATION			
Freehold land	-	-	-
Leasehold land and buildings	4,886,831	302,180	5,189,011
Furniture and fittings	168,680	26,120	194,800
Office equipment	468,043	60,445	528,488
Library software	37,867	4,208	42,075
Building renovation	803,891	79,512	883,403
Lift	231,650	-	231,650
	6,596,962	472,465	7,069,427

	2023 RM	2022 RM
GROUP CARRYING AMOUNTS		
Freehold land	234,279	234,279
Leasehold land and buildings	9,919,976	10,222,156
Furniture and fittings	179,675	167,703
Office equipment	307,726	246,731
Library software	2	4,210
Building renovation	894,592	921,104
Lift	-	-
	11,536,250	11,796,183

- (i) As at 31 December 2023, the document of title in respect of properties with an aggregate carrying amount of RM386,455 (2022: RM395,167) has yet to be issued by the authorities.
- (ii) During the financial year, the Group purchased plant and equipment amounting to RM212,532 (2022: RM27,729) by cash.
- (iii) Depreciation charge of the Institution for the previous financial year was RM550,251.
- (iv) Fully depreciated property, plant and equipment which are still in use are as follows:

	2023 RM	2022 RM
GROUP COST		
Furniture and fittings	26,971	16,093
Office equipment	229,566	138,503
Building renovation	149,757	149,757
Lift	231,650	231,650
	637,944	536,003

	As at 1.1.2023 RM	Additions RM	As at 31.12.2023 RM
INSTITUTION COST			
Freehold land	234,279	-	234,279
Leasehold land and buildings	15,108,987	-	15,108,987
Furniture and fittings	325,719	38,092	363,811
Office equipment	682,931	121,440	804,371
Library software	42,077	-	42,077
Building renovation	1,605,384	53,000	1,658,384
Lift	231,650	-	231,650
	18,231,027	212,532	18,443,559

	As at 1.1.2023 RM	Depreciation charge for the year RM	As at 31.12.2023 RM
INSTITUTION ACCUMULATED DEPRECIATION			
Freehold land	-	-	-
Leasehold land and buildings	4,886,831	302,180	5,189,011
Furniture and fittings	162,956	25,054	188,010
Office equipment	442,288	58,434	500,722
Library software	37,867	4,208	42,075
Building renovation	685,777	78,888	764,665
Lift	231,650	-	231,650
	6,447,369	468,764	6,916,133

	2023 RM	2022 RM
INSTITUTION CARRYING AMOUNTS		
Freehold land	234,279	234,279
Leasehold land and buildings	9,919,976	10,222,156
Furniture and fittings	175,801	162,763
Office equipment	303,649	240,643
Library software	2	4,210
Building renovation	893,719	919,607
Lift	-	-
	11,527,426	11,783,658

- (i) As at 31 December 2023, the document of title in respect of properties with an aggregate carrying amount of RM386,455 (2022: RM395,167) has yet to be issued by the authorities.
- (ii) During the financial year, the institution has transferred land and buildings to the respective branches:

	2023 RM	2022 RM
INSTITUTION CARRYING AMOUNTS		
Freehold land	-	96,000
Freehold buildings	-	1,751,159
Leasehold land and buildings	-	520,323
	-	2,367,482

- (iii) During the financial year, the Institution purchased plant and equipment amounting to RM212,532 (2022: RM27,729) by cash.
- (iv) Depreciation charge of the Institution for the previous financial year was RM524,857.
- (v) Fully depreciated property, plant and equipment which are still in use are as follows:

	2023 RM	2022 RM
INSTITUTION COST		
Furniture and fittings	26,971	16,093
Office equipment	204,519	129,928
Building renovation	33,266	33,266
Lift	231,650	231,650
	496,406	410,937

5. INVESTMENT PROPERTIES

	Group and Institution	
	2023 RM	2022 RM
Leasehold land and buildings - at cost		
At beginning of the financial year	-	3,886,559
Reclassification	-	(3,886,559)
At end of the financial year	-	-
Accumulated depreciation		
At beginning of the financial year	-	541,431
Depreciation charge for the financial year	-	76,931
Reclassification	-	(618,362)
At end of the financial year	-	-
Carrying amount		
At end of the financial year	-	-

- (i) Investment properties is carried at cost as the Institution does not engage an independent valuer because undue cost may be required.
- (ii) The institution has transferred investment properties with total carrying amount of RM3,268,197 to the respective branches in previous financial year.

6. INVESTMENT IN SUBSIDIARIES

	Institution	
	2023 RM	2022 RM
Unquoted shares in Malaysia - at cost	200,000	200,000

Details of the subsidiaries are as follows:

Name	Country of incorporation	Effective interest (%)		Principal Activity
		2023	2022	
IEM Training Academy Sdn. Bhd.	Malaysia	100	100	Organising conferences, seminars and trainings
IEM Academy Sdn. Bhd.	Malaysia	100	100	Inactive

7. DEFERRED TAX ASSET

	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
At beginning of the financial year	698,983	706,537	-	-
Amount recognised in income and expenditure (Note 26)	1,585	(7,554)	-	-
At end of the financial year	700,568	698,983	-	-

Deferred tax liability of the Institution represents taxable temporary differences between net book value and tax written down value of plant and equipment.

Deferred tax assets have not been recognised in respect of the following items:

	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
Unabsorbed tax losses	1,327,474	1,168,934	629,652	471,112
Unutilised capital allowances	3,994	3,375	-	-
Other temporary differences	(9,846)	(100,383)	(8,598)	(98,169)
	1,321,622	1,071,926	621,054	372,943

Deferred tax assets have not been recognised in respect of these items as they may not have sufficient taxable profit to be used to offset.

8. RECEIVABLES

	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
Other receivables	1,719,195	1,541,458	1,576,167	1,439,715
Less: Accumulated impairment losses	(58,498)	(58,498)	(58,498)	(58,498)
	1,660,697	1,482,960	1,517,669	1,381,217
Trade receivables	14,577	64,461	-	-
Subscription in arrears	393,488	411,580	393,488	411,580
Deposits	91,667	90,742	64,217	63,492
Prepayments	124,208	51,325	124,208	51,325
Amount due by a subsidiary	-	-	80	120
	2,284,637	2,101,068	2,099,662	1,907,734

The movement of accumulated impairment losses are as follow:

As beginning / end of the financial year	58,498	58,498	58,498	58,498
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The normal trade credit terms granted to the customers is 30 days. Other cases are assessed and approved on a case-by-case basis.

As at 31 December 2023, trade receivables of RM11,400 (2022: RM48,721) were past due but not impaired. These relate to there is no recent history of default.

Other receivables are unsecured, interest-free and are receivable on demand.

The amount due by a subsidiary represents unsecured, interest-free and repayable on demand and it represents advances.

9. DEPOSITS, CASH AND BANK BALANCES

	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
Maturities more than 3 months	6,019,695	4,889,756	4,650,248	3,401,950
Maturities less than 3 months	667,393	710,609	154,657	659,484
Fixed deposits with license banks	6,687,088	5,600,365	4,804,905	4,061,434
Cash in hand	3,977	3,177	3,977	3,177
Cash at banks	1,927,036	3,044,179	1,496,780	2,170,272
	8,618,101	8,647,721	6,305,662	6,234,883

The effective interest rate of the fixed deposit ranges from 2.60% to 4.15% (2022: 1.50% to 2.85%) per annum. The maturity of deposits as at the end of the financial year was between 1 month to 12 months (2022: 1 month to 12 months).

For the purpose of statement of cash flows, cash and cash equivalents comprise:

	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
Fixed deposits with licensed banks with maturities less than 3 months	667,393	710,609	154,657	659,484
Cash and bank balances	1,931,013	3,047,356	1,500,757	2,173,449
	2,598,406	3,757,965	1,655,414	2,832,933

10. ACCUMULATED FUND

	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
At beginning of the financial year	9,298,094	10,094,080	6,737,176	7,548,284
Surplus for the financial year	73,418	410,588	160,039	395,466
	9,371,512	10,504,668	6,897,215	7,943,750
TRANSFER FROM / (TO):				
- RP special account	-	(4,186)	-	(4,186)
- Contribution - Perak	-	99,207	-	99,207
- Contribution - Penang	-	(1,508,595)	-	(1,508,595)
- Contribution - Sabah	-	207,000	-	207,000
	-	(1,206,574)	-	(1,206,574)
At end of the financial year	9,371,512	9,298,094	6,897,215	6,737,176

11. CAPITAL RESERVE FUND

	Group and Institution	
	2023 RM	2022 RM
At beginning of the financial year	-	3,630,888
Overtaken of depreciation for properties in prior years	-	776,195
TRANSFER TO:-		
- Miri branch	-	(107,000)
- Perak branch	-	(211,256)
- Penang branch	-	(185,000)
- Sabah branch	-	(3,439,067)
- Terengganu branch	-	(464,760)
	-	(4,407,083)
At end of the financial year	-	-

12. CAPITAL CONTRIBUTION RESERVE

	Group and Institution	
	2023 RM	2022 RM
At beginning of the financial year	4,619,575	4,463,115
Entrance and transfer fees	11,973	102,964
Transfer from other branches	-	53,496
At end of the financial year	4,631,548	4,619,575

13. ACTIVITIES FUND

	Group and Institution	
	2023 RM	2022 RM
At beginning / end of the financial year	67,331	67,331

14. LIBRARY FUND

	Group and Institution	
	2023 RM	2022 RM
At beginning of the financial year	722,699	733,768
Collection during the financial year	19,700	21,265
Expenses during the financial year	(11,920)	(32,334)
At end of the financial year	730,479	722,699

15. BUILDING FUND

	Group and Institution	
	2023 RM	2022 RM
At beginning of the financial year	3,657,209	3,684,555
Collection during the financial year	179,614	85,737
Expenses during the financial year	(285,049)	(113,083)
At end of the financial year	3,551,774	3,657,209

16. STEM FUND

	Group and Institution	
	2023 RM	2022 RM
At beginning of the financial year	40,653	32,802
Collection during the financial year	6,122	-
Expenses during the financial year	(2,489)	7,851
At end of the financial year	44,286	40,653

17. UPLIFE FUNDRAISING

	Group and Institution	
	2023 RM	2022 RM
At beginning of the financial year	-	-
Collection during the financial year	71,987	-
Expenses during the financial year	(12,430)	-
At end of the financial year	59,557	-

18. PAYABLES

	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
Subscription in advance	2,950,759	2,694,120	2,950,759	2,694,120
Other payables	300,279	290,551	217,082	296,620
Accruals	254,593	472,492	247,212	313,211
Deposit received	272,566	272,366	272,566	272,366
Advance payment received	4,660	-	4,660	-
Amount due to IEM Education Fund	458,281	705,315	458,281	705,315
	4,241,138	4,434,844	4,150,560	4,281,632

	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
Amount due to IEM Education Fund	582,831	829,865	582,831	829,865
Less: Amortised cost adjustment	(124,550)	(124,550)	(124,550)	(124,550)
	458,281	705,315	458,281	705,315

The movement of amortised cost adjustment are as follow:

	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
At beginning / end of the financial year	124,550	124,550	124,550	124,550

19. PERSONNEL EMOLUMENTS AND BENEFITS

	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
THESE REPRESENT EXPENSES INCURRED IN RELATION TO:				
Salaries and wages	2,316,140	2,338,111	2,156,986	2,199,837
Staff allowance and ex-gratia	260,887	293,342	260,887	293,342
Overtime	41,418	36,699	41,418	36,699
EPF and Socso contributions	357,850	360,117	339,748	343,017
Medical expenses	7,180	6,717	7,013	6,281
Staff insurance	33,365	35,801	33,365	35,801
Staff training	4,216	1,551	3,727	800
Staff trip	54,844	-	54,844	-
Long service award	10,920	1,500	10,920	1,500
Staff incentive	3,605	7,633	3,605	7,633
Staff reimbursement	1,200	1,200	1,200	1,200
Secretarial management services	(187,818)	(308,079)	(248,078)	(377,179)
	2,903,807	2,774,592	2,665,635	2,548,931

20. ADMINISTRATIVE EXPENSES

	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
THESE REPRESENT EXPENSES INCURRED IN RELATION TO:				
Advertisement	-	756	-	756
Auditors' remuneration	35,300	35,300	28,000	28,000
Annual general meeting	9,395	2,180	9,395	2,180
Annual report	12,104	4,949	12,104	4,949
Attestation charges	124	48	60	48
Bank charges	18,984	18,229	18,247	17,270
Balloting expenses	39,957	9,962	39,957	9,962
Credit card charges	42,530	53,363	42,530	52,721
Condolence and gift	1,722	438	1,145	438
Filing fee	400	503	-	-
Fine and penalty	335	1,977	-	1,205
GST expense	-	(4,625)	-	-
Insurance	15,517	19,101	11,181	12,416
License fee	1,481	1,000	-	-
Lucky draw expenses	11,466	6,947	11,466	6,947
Mailing services	6,198	6,176	6,198	6,176
Meeting refreshment	1,204	-	-	-
Miscellaneous	4,181	9,509	-	-
Overdraft charges	-	461	-	461
Office printing and stationery	40,182	35,394	34,641	29,627
Office equipment maintenance	27,666	14,155	27,666	14,155
Office expenses	109,380	86,539	104,428	81,804
Petrol, parking and toll	80	-	-	-
Processing fee	610	168	550	-
Professional, legal fee and tax service fees	10,328	9,434	6,300	3,498
Postages and courier	12,221	14,257	11,869	13,152
Rental of office equipment	38,740	38,900	38,740	38,900

Refreshment	-	1,137	-	-
Secretaries fee	11,490	13,388	-	-
Secretariat fee	16	-	-	-
Service fee	9,748	3,010	-	-
Stamp duty	255	235	115	145
SST expenses	2,666	3,068	2,175	2,434
Telephone, fax and internet	40,196	41,898	36,786	38,264
Transport and travelling	62,891	35,359	62,838	34,941
Utilities	4,849	5,104	-	-
Upkeep expenses	8,300	9,197	-	-
Virtual platform subscription	21,244	7,209	19,963	6,489
Website maintenance	94,664	85,038	94,447	84,763
	696,424	569,764	620,801	491,701

The number of full time employees of the Group and of the Institution (excluding council members) as at the end of the financial year were 43 and 40 (2022: 43 and 41) respectively.

21. BRANCH SUBSIDIES

	Group and Institution	
	2023 RM	2022 RM
THESE REPRESENT SUBSIDIES GIVEN TO THE FOLLOWING BRANCHES:		
Negeri Sembilan branch	40,589	22,300
Southern branch	58,089	42,288
Perak branch	49,709	30,095
Penang branch	64,555	31,324
Malacca branch	32,273	13,728
Sarawak branch	93,806	63,835
Sabah branch	64,362	41,563
Miri branch	29,032	9,678
Kedah / Perlis branch	36,936	19,781
Kelantan branch	35,762	8,299
Terengganu branch	29,217	10,394
Pahang branch	29,726	12,301
Subsidy for branch secretariat	135,000	126,000
	699,056	431,586

These regional branches are separately registered with the Registrar of Societies, and file their annual return including the audited financial statements separately with the Registrar of Societies.

22. INTER-SOCIETY ACTIVITIES

	Group and Institution	
	2023 RM	2022 RM
THESE REPRESENT SUBSCRIPTIONS INCURRED IN RELATION TO:		
Balai Ikhtisas Malaysia (BIM)	1,500	1,500
World Federation of Engineering Organisation (WFEO)	12,827	13,057
ASEAN Federation of Engineering Organisation (AFEO)	907	893
Federation of Engineering Institutions of Asia and the Pacific (FEIAP)	3,583	3,497
Building Management Association of Malaysia (BMAM)	500	500
Malaysia Green Building Confederation (MGBC)	191	159
Eastern Regional Organization for Planning and Human Settlements (EAROPH)	370	316
FIABCI International Real Estate Federation	1,800	-
SIRIM	530	530
SIRIM Technical Library	-	1,500
The Confederation of Scientific and Technological Associations (COSTAM)	200	200
Universiti Teknologi Malaysia KL Library (UTM KL)	-	610
	22,408	22,762

23. SURPLUS FROM INSTITUTIONAL SERVICES

	Note	Group		Institution	
		2023 RM	2022 RM	2023 RM	2022 RM
THESE REPRESENT INCOME FROM THE FOLLOWING:					
Ad Hoc committee		(15,540)	4,970	(15,540)	4,970
Awards committee		(18,845)	(11,022)	(18,845)	(11,022)
Council		(52,602)	(22,708)	(52,602)	(22,708)
Executive committee		(14,247)	(17,805)	(14,247)	(17,805)
Standing committee on:					
- Activities committee	26	706,748	701,835	769,369	701,835
- Admissions and practical training committee	27	276,692	30,469	279,692	30,469
- Examinations and qualifications committee	28	(4,593)	(16,898)	(4,593)	(16,898)
- Finance committee	29	(8,919)	(3,830)	(8,919)	(3,830)
- Professional practice committee	30	83,318	40,995	83,318	40,995
- Information and publications committee	31	70,946	74,734	70,946	74,734
- Welfare and service matters committee	32	(39,407)	13,584	(39,407)	13,584
- Corporate affairs committee	33	(133,466)	(74,687)	(133,466)	(74,687)
Library committee		(4,913)	(192)	(4,913)	(192)
Young Engineers Section	35	4,681	(11,679)	4,681	(11,679)
Woman Engineers Section		1,748	(11,756)	1,748	(11,756)
		851,601	696,010	917,222	696,010

24. DEFICIT FROM RENTAL INCOME

	Note	Group		Institution	
		2023 RM	2022 RM	2023 RM	2022 RM
RENTAL INCOME:					
- Bangunan Ingenieur		194,644	194,799	194,644	194,799
- Wisma IEM		301,102	279,502	372,852	327,502
- Sabah Training Centre		-	303,600	-	303,600
		495,746	777,901	567,496	825,901
LESS EXPENDITURE:					
- Bangunan Ingenieur	36	272,201	278,167	272,201	278,167
- Wisma IEM	37	199,581	180,274	199,581	180,274
- Sabah Training Centre	38	-	43,500	-	43,500
- Depreciation					
- property, plant and equipment		381,068	434,761	381,068	434,761
- investment properties		-	76,931	-	76,931
- overprovision in prior financial years		-	(229,459)	-	(229,459)
- Finance cost		-	60,295	-	60,295
		(852,850)	(844,469)	(852,850)	(844,469)
		(357,104)	(66,568)	(285,354)	(18,568)

25. INCOME TAX EXPENSE

	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
Current year tax provision	1,952	10,418	-	-
Deferred tax (Note 7)	(1,585)	7,554	-	-
	367	17,972	-	-

For tax purposes, the Institution is treated as a "Trade Association" under Section 53(3) of the Income Tax Act, 1967 under which its income is taxed at scale rates.

A reconciliation of income tax expense applicable to surplus before tax at the statutory income tax rate to income tax expense at the effective income tax rate of the Group and of the Institution is as follows:

	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
Surplus before tax	73,785	428,560	160,039	395,466
Tax at Malaysian Statutory income tax rate of 15% - 24% (2022: 24%)	37,897	102,854	38,409	94,912
Expenses not deductible for tax	112,041	137,846	109,577	135,370
Utilisation of tax losses previously not recognized	(147,986)	(230,282)	(147,986)	(230,282)
Deferred tax	(1,585)	7,554	-	-
Tax expense for the financial year	367	17,972	-	-

26. **ACTIVITIES COMMITTEE**

	Note	Group		Institution	
		2023 RM	2022 RM	2023 RM	2022 RM
THESE REPRESENT SURPLUS FROM THE FOLLOWING:					
Annual dinner		113,804	(58,282)	113,804	(58,282)
Event organising - BEM		(24,393)	24,393	(24,393)	24,393
Golf		5,299	-	5,299	-
Souvenir		5,244	10,794	5,244	10,794
Seminar / Courses / Materials		5,878	(2,725)	5,878	(2,725)
Technical talks		213,942	164,777	213,942	164,777
Presidential award (PAOE)		(2,868)	-	(2,868)	-
Technical divisions	34	395,927	570,377	458,548	570,377
Others		(6,085)	(7,499)	(6,085)	(7,499)
		706,748	701,835	769,369	701,835

27. **ADMISSIONS AND PRACTICAL TRAINING COMMITTEE**

	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
THESE REPRESENT SURPLUS FROM THE FOLLOWING:				
Meeting	(30)	(150)	(30)	(150)
Membership drive	(17,864)	(6,877)	(17,864)	(6,877)
Accessor fee	(14,635)	(14,975)	(14,635)	(14,975)
CPD income	61,500	54,900	64,500	54,900
CPD evaluators' fee	(7,231)	(2,200)	(7,231)	(2,200)
ECD workshop/course	5,303	7,821	5,303	7,821
ETSC	(3,615)	(6,379)	(3,615)	(6,379)
Share of AER life membership	2,436	5,900	2,436	5,900
Course on structured training	310,007	2,772	310,007	2,772
Incentive for university	(58,695)	(10,110)	(58,695)	(10,110)
Miscellaneous	(484)	(233)	(484)	(233)
	276,692	30,469	279,692	30,469

28. EXAMINATIONS AND QUALIFICATIONS COMMITTEE

	Group and Institution	
	2023 RM	2022 RM
THESE REPRESENT DEFICIT FROM THE FOLLOWING:		
Professional interview fee	76,700	147,000
Professional interviewers' fee	(62,800)	(148,215)
PI workshop	(1,048)	(2,378)
Meeting	(701)	(1,407)
Other expenses	(16,744)	(11,898)
	(4,593)	(16,898)

29. FINANCE COMMITTEE

	Group and Institution	
	2023 RM	2022 RM
THESE REPRESENT DEFICIT FROM THE FOLLOWING:		
Meeting	(441)	(300)
Surveillance audit	(3,099)	(3,099)
Others	(5,379)	(431)
	(8,919)	(3,830)

30. PROFESSIONAL PRACTICE COMMITTEE

	Group and Institution	
	2023 RM	2022 RM
THESE REPRESENT SURPLUS FROM THE FOLLOWING:		
Arbitration income	48,222	5,591
Sales of act/regulations / IEM guideline	20,813	17,290
Talks / Forum / Workshop	31,743	29,502
Meeting	(1,374)	(1,100)
Act / Regulation / Contact / Code	(5,576)	(6,788)
Printing	(4,585)	-
Road show	(448)	-
Others	(5,477)	(3,500)
	83,318	40,995

31. INFORMATION AND PUBLICATIONS COMMITTEE

	Group and Institution	
	2023 RM	2022 RM
THESE REPRESENT SURPLUS FROM THE FOLLOWING:		
Advertisements in bulletin	84,000	84,000
Library photo stating	-	174
Online journal	(12,144)	(8,990)
Meeting	(760)	(450)
Others	(150)	-
	70,946	74,734

32. WELFARE AND SERVICE MATTERS COMMITTEE

	Group and Institution	
	2023 RM	2022 RM
THESE REPRESENT DEFICIT FROM THE FOLLOWING:		
Benevolent income	7,476	10,935
Other income	94	7,999
Meeting	(301)	(603)
Prize for SPM / STPM achievers	(1,300)	(1,400)
IEM Family Day	(45,376)	-
Talks / Forum / Workshop	-	(3,347)
	(39,407)	13,584

33. CORPORATE AFFAIRS COMMITTEE

	Group and Institution	
	2023 RM	2022 RM
THESE REPRESENT DEFICIT FROM THE FOLLOWING:		
AER NMC Chair	(7,984)	(4,306)
Public relation	(20,537)	(7,403)
Overseas visitors	(2,248)	(2,666)
Local social functions	(34,664)	(19,972)
International – President	(51,952)	(30,474)
SE Asia conference	(15,749)	(8,405)
Others	(332)	(1,461)
	(133,466)	(74,687)

34. TECHNICAL DIVISIONS

	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
THESE REPRESENT SURPLUS FROM THE FOLLOWING:				
Building Services Engineering Technical Division	26,124	10,479	26,124	10,479
Agricultural and Food Engineering Technical Division	1,295	1,594	1,295	1,594
Chemical Engineering Technical Division	(5,187)	120,930	(5,187)	120,930
Civil and Structural Engineering Technical Division	74,909	112,174	74,909	112,174
Consulting Engineers Special Interest Group	(30,981)	19,520	(30,981)	19,520
Electrical Engineering Technical Division	-	74,435	33,107	74,435
Electronic Engineering Technical Division	(7,000)	(7,000)	(7,000)	(7,000)
Engineering Education Technical Division	6,464	3,279	6,464	3,279
Environmental Engineering Technical Division	(4,218)	12,901	(4,218)	12,901
Geotechnical Engineering Technical Division	79,314	40,483	108,828	40,483
Highway and Transportation Engineering Technical Division	24,031	16,789	24,031	16,789
Information Technology Special Interest Group	3,819	7,265	3,819	7,265
Marine Engineering & Naval Architecture Technical Division	(1,835)	45,608	(1,835)	45,608
Material Engineering Technical Division	1,465	(628)	1,465	(628)
Mechanical Engineering Technical Division	14,397	(1,249)	14,397	(1,249)
Oil & Gas and Mining Engineering Technical Division	2,978	2,157	2,978	2,157
Project Management Technical Division	122,823	75,077	122,823	75,077

Public Sector Engineers Special Interest Group	2,860	3,474	2,860	3,474
Safety in Engineering Special Interest Group	8,180	6,906	8,180	6,906
Senior SIG	27,620	3,046	27,620	3,046
Tunneling and Underground Space Engineering Technical Division	7,396	3,461	7,396	3,461
Urban Engineers development SIG	40,341	4,089	40,341	4,089
Water Resources Technical Division	1,132	15,587	1,132	15,587
	395,927	570,377	458,548	570,377

35. YOUNG ENGINEERS SECTION

	Group and Institution	
	2023 RM	2022 RM
THESE REPRESENT INCOME / (EXPENSES) INCURRED IN RELATION TO:		
Income		
- Courses, seminar and other activities	151,373	69,550
Less: Expenditure		
- Others	(146,692)	(81,229)
	4,681	(11,679)

36. BANGUNAN INGENIEUR

	Group and Institution	
	2023 RM	2022 RM
THESE REPRESENT EXPENSES INCURRED IN RELATION TO:		
License fee	770	770
Quit rent and assessment	23,969	23,969
Insurance	2,894	3,250
Building repairs and maintenance	77,596	91,168
Building security	81,937	75,730
Utilities	85,035	83,280
	272,201	278,167

37. WISMA IEM

	Group and Institution	
	2023 RM	2022 RM
THESE REPRESENT EXPENSES INCURRED IN RELATION TO:		
Quit rent and assessment	24,368	24,368
Insurance	11,086	11,938
Building repairs and maintenance	1,300	-
Building security	122,906	113,594
Utilities	39,921	30,374
	199,581	180,274

38. SABAH TRAINING CENTRE

	Group and Institution	
	2023 RM	2022 RM
THESE REPRESENT EXPENSES INCURRED IN RELATION TO:		
Building repairs and maintenance	-	43,500

39. FINANCIAL INSTRUMENTS

	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
FINANCIAL ASSETS				
Financial assets that are debt instruments measured at amortised cost	10,778,530	10,697,464	8,281,116	8,091,292
FINANCIAL LIABILITIES				
Financial liabilities measured at amortised cost	4,171,527	4,370,078	4,150,560	4,281,632

Net gain and losses arising from financial instruments:

	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
NET (LOSSES) / GAIN ARISING FROM:				
Financial asset at amortised cost				
Waiver of debt	36,909	-	-	-
Interest income	(145,754)	(85,780)	(145,754)	(65,712)
	(108,845)	(85,780)	(145,754)	(65,712)
Financial liabilities at amortised cost				
Subscription in arrears written off	244,146	218,255	244,146	218,255
Interest expense	-	60,295	-	60,295
	244,146	278,550	244,146	278,550
	135,301	192,770	(98,392)	212,838

40. RELATED PARTY TRANSACTIONS

	Group and Institution	
	2023 RM	2022 RM
TRANSACTIONS WITH SUBSIDIARIES		
- Cost of course income	3,000	10,500
- Accounting fee income	33,600	35,616
- Rental income	60,000	48,000
- Secretariat charges income	20,000	50,880
- Profit sharing cost income	62,621	19,825
- Rental of training room and equipment income	11,350	14,030
- International event support charges for GEES 2022	-	6,360
- Dividend income	80,000	-
	270,571	185,211

The directors are of the opinion that all the transactions above have been entered into in the normal course of business and have been established on terms and conditions that are not materially different from that obtainable in transactions with unrelated parties.

41. OPERATING LEASE COMMITMENTS

The total minimum lease payments under non-cancellable operating leases of the Company for the leasing of the premises are as follows:

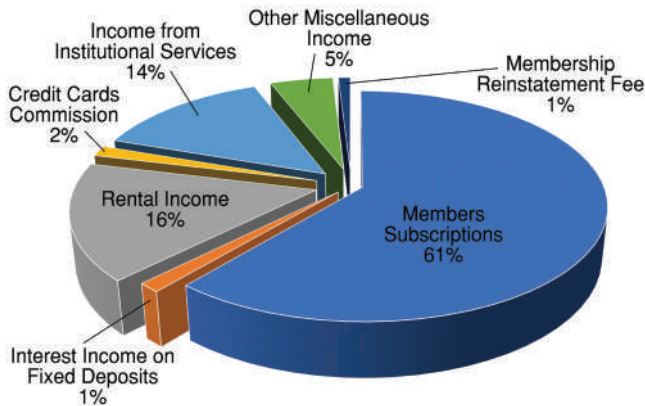
	Group		Institution	
	2023 RM	2022 RM	2023 RM	2022 RM
As Lessee				
Within one year	60,000	48,000	-	-
Between two to five years	100,000	40,000	-	-
	160,000	88,000	-	-
As Lessor				
Within one year	431,585	466,707	521,585	556,707
Between two to five years	42,606	-	192,606	-
	474,191	466,707	714,191	556,707

42. AUTHORISATION FOR ISSUE OF THE FINANCIAL STATEMENTS

The financial statements of the Group and of the Institution were authorised for issue by the Council of the Institution on 18 March 2024.

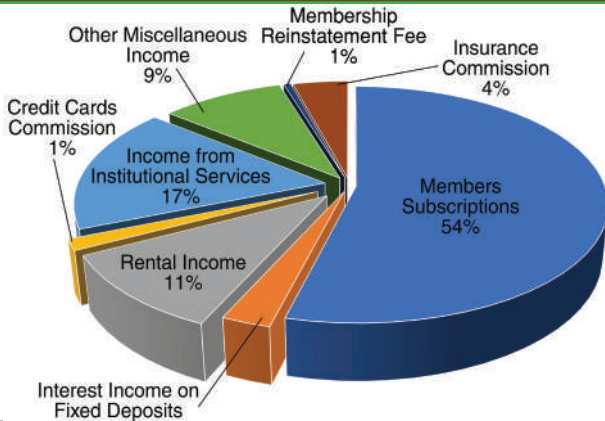
PIE CHARTS

INCOME FOR THE YEAR 2022 TOTAL INCOME - RM 5,043,266



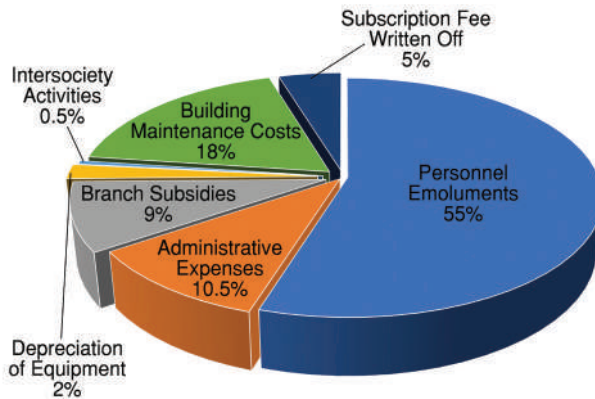
Members Subscriptions	3,083,661
Interest Income on Fixed Deposits	65,712
Credit Cards Commission	74,792
Income from Institutional Services	696,010
Rental Income	825,901
Other Miscellaneous Income	250,090
Membership Reinstatement Fee	47,100

INCOME FOR THE YEAR 2023 TOTAL INCOME - RM 5,352,630



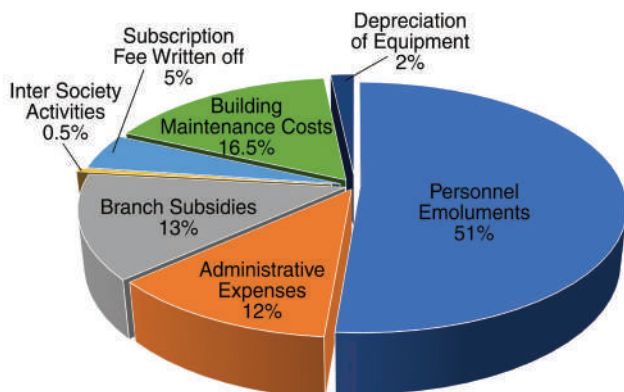
Members Subscriptions	2,889,345
Interest Income on Fixed Deposits	145,754
Credit Cards Commission	80,736
Income from Institutional Services	917,222
Insurance Commission	223,093
Rental Income	567,496
Other Miscellaneous Income	500,174
Membership Reinstatement Fee	28,810

EXPENSES FOR THE YEAR 2022 TOTAL EXPENSES - RM 4,647,800



Personnel Emoluments	2,548,931
Administrative Expenses	491,701
Branch Subsidies	431,586
Building Maintenance Costs	844,469
Subscription Fee Written off	218,255
Depreciation of Equipment	90,096
Intersociety Activities	22,762

EXPENSES FOR THE YEAR 2023 TOTAL EXPENSES - RM 5,192,592



Personnel Emoluments	2,665,635
Administrative Expenses	620,801
Branch Subsidies	699,056
Building Maintenance Costs	852,850
Subscription Fee Written off	244,146
Depreciation of Equipment	87,696
Intersociety Activities	22,408

IEM BRANCHES
STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2023

	PENANG BRANCH	SABAH BRANCH	PERAK BRANCH	NEGERI SEMBILAN BRANCH	MIRI BRANCH	T'GANU BRANCH	SOUTHERN BRANCH	KELANTAN BRANCH	KEDAH- PERLIS BRANCH	PAHANG BRANCH	MALACCA BRANCH	SARAWAK BRANCH	IEM HQ	TOTAL
	RM	RM	RM	RM	RM	RM	RM	RM	RM	RM	RM	RM	RM	RM
ASSETS														
NON CURRENT ASSETS														
Property, Plant and Equipment	1,669,543	2,874,611	16,486	4,163	258,864	-	21,287	2,970	-	-	2,799	1,391,185	11,527,426	17,769,335
Investment Properties	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Investment in Subsidiaries	-	-	-	-	-	-	-	-	-	-	-	-	200,000	200,000
CURRENT ASSETS														
Receivables	36,036	81,968	6,443	(962)	2,205	-	4,894	-	-	-	-	9,030	2,099,662	2,239,275
Deposit, Cash and Bank Balances	979,567	916,036	141,165	161,379	73,233	24,432	373,734	165,217	42,366	21,024	81,847	1,332,448	6,305,662	10,618,110
Contribution to Property	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tax Recoverable	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL ASSETS	1,015,603	998,004	147,608	160,416	75,438	24,432	378,628	165,217	42,366	21,024	81,847	1,341,478	8,405,324	12,857,385
	2,685,146	3,872,615	164,094	164,580	334,301	24,432	399,915	168,187	42,366	21,024	84,646	2,732,663	20,132,750	30,826,720
EQUITY AND LIABILITIES														
EQUITY														
<i>Finance By:</i>														
Accumulated Fund	2,564,419	2,370,614	143,168	160,228	213,796	24,432	378,019	166,667	42,366	21,024	84,646	2,729,663	6,897,215	15,796,258
Capital Reserve Fund	-	-	15,259	-	-	-	-	-	-	-	-	-	-	15,259
Capital Contribution Reserve	-	-	-	-	-	-	-	-	-	-	-	-	4,631,548	4,631,548
Activities Fund	-	-	-	-	-	-	-	-	-	-	-	-	67,331	67,331
Library Fund	-	-	-	-	-	-	-	-	-	-	-	-	730,479	730,479
Building Fund	-	-	-	-	-	-	-	-	-	-	-	-	3,551,774	3,551,774
STEM Fund	-	-	-	-	-	-	-	-	-	-	-	-	44,286	44,286
UPLIFE Fundraising	-	-	-	-	-	-	-	-	-	-	-	-	59,557	59,557
TOTAL EQUITY	2,564,419	2,370,614	158,427	160,228	213,796	24,432	378,019	166,667	42,366	21,024	84,646	2,729,663	15,982,190	24,852,206
NON-CURRENT LIABILITIES														
Payable	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Term Loan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CURRENT LIABILITIES														
Payables	120,579	-	6,443	2,000	120,505	-	21,791	1,520	-	-	-	-	-	272,838
Trade Creditors	-	10,876	-	2,352	-	-	-	-	-	-	-	3,000	4,150,560	4,166,788
Other Payables, Accruals and Deposits	-	12,699	-	-	-	-	-	-	-	-	-	-	-	12,699
Current Tax Liabilities	148	-	-	-	-	-	-	-	-	-	-	-	-	148
Amount Due to IEM HQ - Loan	-	1,478,426	(776)	-	-	-	105	-	-	-	-	-	-	1,478,426
Tax Payables	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bank Overdraft	-	-	-	-	-	-	-	-	-	-	-	-	-	671
Term Loan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL LIABILITIES	120,727	1,502,000	5,667	4,352	120,505	-	21,896	1,520	-	-	-	3,000	4,150,560	5,930,227
	120,727	1,502,000	5,667	4,352	120,505	-	21,896	1,520	-	-	-	3,000	4,150,560	5,930,227
TOTAL EQUITY AND LIABILITIES	2,685,146	3,872,615	164,094	164,580	334,301	24,432	399,915	168,187	42,366	21,024	84,646	2,732,663	20,132,750	30,782,434

	PENANG BRANCH	SABAH BRANCH	PERAK BRANCH	N.SEMBILAN BRANCH	MIRI BRANCH	T'GANU BRANCH	SOUTHERN BRANCH	KELANTAN BRANCH	KEDAH- PERLIS BRANCH	PAHANG BRANCH	MALACCA BRANCH	SARAWAK BRANCH	IEM HQ	TOTAL
	RM	RM	RM	RM	RM	RM	RM	RM	RM	RM	RM	RM	RM	RM
INCOME / REVENUE														
Subsidy from IEM HQ	82,555	82,362	67,709	49,589	38,032	9,718	76,089	44,762	45,937	38,826	32,273	111,806	-	679,657
Subsidy from EETD	3,000	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Subsidy received from PERKESO	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Surplus from Seminar, Conferences and Technical Visit	113,150	30,837	17,020	1,413	12,944	2,984	26,869	19,449	3,435	8,941	1,813	72,746	917,222	1,228,822
Surplus from YES National Summit	(4,497)	-	-	-	-	-	-	-	-	-	-	-	-	-
Sponsorship Received	-	-	-	-	5,300	-	-	8,200	-	-	-	-	-	9,003
Rental Income	25,500	3,410	10,800	-	-	-	22,400	-	-	-	-	-	(285,354)	(248,744)
Administration Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	25,500
Bank / Fixed Deposit Interest Received	19,769	7,332	-	18	1,232	-	6,739	-	-	-	1,455	21,235	145,754	203,534
Collection for IEM Membership	-	-	-	-	-	-	-	-	-	-	-	-	2,889,345	2,889,345
Collection for BEM Membership Application	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Collection on IEM Membership Renstatement fees	-	-	-	-	-	-	-	-	-	-	-	-	28,810	28,810
Miscellaneous Income	288,209	566,220	(4,919)	140	125,000	(12,342)	82,952	55,070	10,092	-	120	41,698	804,004	1,956,244
TOTAL INCOME	527,686	690,161	90,610	51,160	182,507	359	215,049	127,481	59,464	47,767	35,661	247,485	4,499,781	6,775,171
LESS: ADMINISTRATION AND OPERATING EXPENSES														
Administrative Expenses	(315,437)	(224,104)	(21,182)	(18,931)	(58,749)	(120)	(60,911)	(7,898)	(11,996)	(16,362)	(5,991)	(124,191)	(620,801)	(1,486,673)
Miscellaneous Expenses	(41,145)	(157,422)	(16,282)	(8,987)	(278)	(10,859)	(9,969)	(41,246)	(12,390)	(2,960)	-	(104,672)	(354,250)	(760,460)
Personnel Emoluments	(138,325)	(18,925)	(37,718)	(30,579)	(25,140)	-	(132,633)	(21,926)	(17,920)	(14,875)	(8,400)	(6,579)	(2,665,635)	(3,118,656)
Branch Subsidies	-	-	-	-	-	-	(107)	-	-	-	-	-	(699,056)	(699,056)
Taxation	-	-	-	-	-	-	(203,620)	(71,070)	(42,306)	(34,197)	(14,391)	(235,443)	(4,339,742)	(6,064,952)
TOTAL EXPENSES	(494,907)	(400,451)	(75,182)	(58,497)	(84,167)	(10,979)	(203,620)	(71,070)	(42,306)	(34,197)	(14,391)	(235,443)	(4,339,742)	(6,064,952)
SURPLUS / (DEFICIT) FOR THE YEAR AFTER TAX	32,779	289,709	15,428	(7,337)	98,340	(10,620)	11,429	56,411	17,157	13,570	21,270	12,042	160,039	710,218

**IEM EDUCATION FUND
HONORARY INTERNAL AUDITOR'S REPORT
ACCOUNTS FOR THE YEAR ENDED 31 DECEMBER 2023**

I have examined the Balance Sheet as at 31 December 2023, the Income and Expenditure Account together with Notes on the Accounts set out on pages 217 to 223, accounting and other records.

I hereby certify that they give a true and fair view of the state of affairs and the results of the Institution's operations for the year ended on that date.



.....
Ir. Ts. Prof. Dr. Teo Fang Yenn
Honorary Internal Auditor



.....
Ir. Dr. Bernard Lim Kee Weng
Honorary Internal Auditor

**IEM EDUCATION FUND
STATUTORY FINANCIAL STATEMENTS
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2023**

STATEMENT BY COUNCIL

In the opinion of the council, the financial statements set out on pages 217 to 223 are drawn up in accordance with Malaysian Private Entities Reporting Standard and the constitution and by-laws of the Institution so as to give a true and fair view of the financial position of the Institution as at 31 December 2023 and of the financial performance and cash flows of the Institution for the financial year ended on that date.

Signed on behalf of the Council,



.....
Ir. Prof. Dr. Norlida binti Buniyamin
President



.....
Ir. Prof. Dr. David Chuah Joon Huang
Hon Treasurer

Petaling Jaya
Date: 18 March 2024

STATUTORY DECLARATION

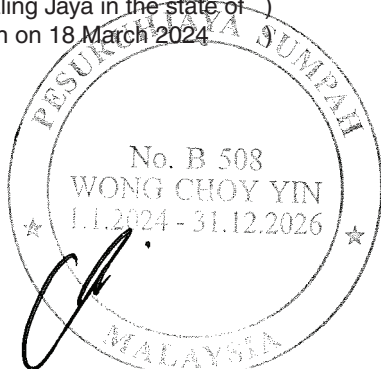
I, Ir. Prof. Dr. David Chuah Joon Huang (I/C No.: 760525-14-5125), the Hon Treasurer primarily responsible for the financial management of The Education Fund of The Institution of Engineers, Malaysia, do solemnly and sincerely declare that the financial statements set out on pages 217 to 223 are, in my opinion, correct and I make this solemn declaration conscientiously believing the same to be true, and by virtue of the provisions of the Statutory Declarations Act, 1960.

Subscribed and solemnly declared by the)
above-named at Petaling Jaya in the state of)
Selangor Darul Ehsan on 18 March 2024



.....
Ir. Prof. Dr. David Chuah Joon Huang

Before me,



.....3, Damansara Shopping Mall
COMMISSIONER FOR OATHS Jalan SS20/27
47400 Petaling Jaya
Selangor Darul Ehsan

INDEPENDENT AUDITORS' REPORT TO THE MEMBERS OF THE EDUCATION FUND OF THE INSTITUTION OF ENGINEERS, MALAYSIA

Opinion

We have audited the financial statements of The Education Fund of The Institution of Engineers, Malaysia, which comprise the statement of financial position as at 31 December 2023 of the Institution, and the statement of income and expenditure, statement of changes in accumulated fund and statement of cash flows of the Institution for the financial year then ended, and notes to the financial statements, including a summary of significant accounting policies, as set out on pages 217 to 223.

In our opinion, the accompanying financial statements give a true and fair view of the financial position of the Institution as at 31 December 2023, and of its financial performance and its cash flows for the financial year then ended in accordance with Malaysian Private Entities Reporting Standard and the constitution and by-laws of the institution.

Basis for Opinion

We conducted our audit in accordance with approved standards on auditing in Malaysia and International Standards on Auditing. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Independence and Other Ethical Responsibilities

We are independent of the Institution in accordance with the By-Laws (on Professional Ethics, Conduct and Practice) of the Malaysian Institute of Accountants ("By-Laws") and the International Ethics Standards Board for Accountants' International Code of Ethics for Professional Accountants (including International Independence Standards) ('IESBA Code'), and we have fulfilled our other ethical responsibilities in accordance with the By-Laws and the IESBA Code.

Responsibilities of the Council for the Financial Statements

The council of the Institution is responsible for the preparation of financial statements of the Institution that give a true and fair view in accordance with Malaysian Private Entities Reporting Standard and the constitution and by-laws of the institution. The council is also responsible for such internal control as the council determine is necessary to enable the preparation of financial statements of the Institution that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements of the Institution, the council is responsible for assessing the Institution'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 members either intend to liquidate the Institution or to cease operations, or has no realistic alternative but to do so.

Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements of the Institution as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with approved standards on auditing in Malaysia and International Standards on Auditing 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 approved standards on auditing in Malaysia and International Standards on Auditing, we exercise professional judgment and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements of the Institution, 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.
- 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 Institution's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the council members.
- Conclude on the appropriateness of the council's 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 Institution's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are

required to draw attention in our auditors' report to the related disclosures in the financial statements of the Institution 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 auditors' report. However, future events or conditions may cause the Institution to cease to continue as a going concern.

- Evaluate the overall presentation, structure and content of the financial statements of the Institution, including the disclosures, and whether the financial statements of the Institution represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with the council 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.

Other Matters

This report is made solely to the council, in accordance with Section 26 of the Societies Act, 1966 in Malaysia and for no other purpose. We do not assume responsibility to any other person for the content of this report.



.....
TNL Partners PLT
Registration No. 202006000023
(LLP0024736-LCA) (AF002388)
Chartered Accountants

Petaling Jaya

Dated: 18 March 2024



.....
Ng Leong Teck
03168/12/2023 J
Chartered Accountant

STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2023

	Note	2023 RM	2022 RM
NON-CURRENT ASSETS			
Receivables	3	458,281	705,315
		458,281	705,315
CURRENT ASSETS			
Deposits and bank balances	4	2,122,785	1,835,241
Tax recoverable		4,585	4,585
		2,127,370	1,839,826
TOTAL ASSETS		2,585,651	2,545,141
FINANCED BY:			
Accumulated fund		2,551,217	2,501,706
CURRENT LIABILITY			
Payables	5	34,434	43,435
TOTAL LIABILITY		34,434	43,435
TOTAL EQUITY AND LIABILITY		2,585,651	2,545,141

**STATEMENT OF INCOME AND EXPENDITURE
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2023**

	2023 RM	2022 RM
INCOMES		
Donation received	122,681	30,416
Bank interest	-	240
Fixed deposit interest income	46,583	31,034
	169,264	61,690
LESS: EXPENDITURES		
Amortisation of donation receivable	-	5,087
Attestation charges	63	51
Auditors' remuneration - current year	2,500	2,500
- disbursement	150	-
Bank charges	15	36
Courier & postage	-	32
Printing and stationery	370	409
Professional fees and tax services	1,908	1,590
Refreshment	133	-
Service tax	-	150
Sponsorship expenses	6,120	5,292
Sponsorship to IEM activities	38,815	49,320
Scholarship	69,600	43,875
Telephone & fax	69	37
Travelling & transport	10	11
	(119,753)	(108,390)
Surplus / (deficit) before tax	49,511	(46,700)
Income tax expense	-	-
Surplus / (deficit) for the financial year	49,511	(46,700)

**STATEMENT OF CHANGES IN ACCUMULATED FUND
 FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2023**

	Accumulated fund RM
Balance as at 31 December 2021	2,548,406
Deficits for the financial year	(46,700)
Balance as at 31 December 2022	2,501,706
Surplus for the financial year	49,511
Balance as at 31 December 2023	2,551,217

**STATEMENT OF CASH FLOWS
 FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2023**

	Note	2023 RM	2022 RM
CASH FLOWS FROM OPERATING ACTIVITIES			
Surplus/(deficit) before tax		49,511	(46,700)
Adjustments for:			
Interest income		(46,583)	(31,274)
Operating surplus/(deficit) before working capital changes		2,928	(77,974)
Decrease in receivables		247,034	10,398
Decrease in payables		(9,001)	(9,950)
Cash generated from/(used in) operating activities		240,961	(77,526)
Bank interest received		-	240
Net cash generated from/(used in) operating activities		240,961	(77,286)
CASH FLOWS FROM INVESTING ACTIVITIES			
Fixed deposit interest received		46,583	31,034
Changes in fixed deposits		(346,583)	(31,034)
Net cash used in investing activities		(300,000)	-
Net decrease in cash and cash equivalents		(59,039)	(77,286)
Cash and cash equivalents at beginning of the financial year		214,448	291,734
Cash and cash equivalents at end of the financial year	4	155,409	214,448

NOTES TO THE FINANCIAL STATEMENTS FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2023

1. GENERAL INFORMATION

The Institution is a registered institution registered under the Society Act, 1966 and domiciled in Malaysia.

The principal office is situated at Bangunan Ingenieur, Lot 60 & 62, Jalan 52/4, Peti Surat 223, Jalan Sultan, 46720 Petaling Jaya, Selangor Darul Ehsan.

The Education Fund of the Institution of Engineers, Malaysia is principally to contribute towards further progress and advancement of all disciplines of the engineering profession by the provision of scholarships and educational loans and also the provision of grants for seminars, conferences, research and other related engineering education activities. There have been no significant changes in the nature of these principal activities of the Institution during the financial year.

The financial statements of the Institution are presented in the functional currency, which is the currency of the primary economic environment in which the entity operates. The functional currency of the Institution is Ringgit Malaysia as the sales and purchases are mainly denominated in Ringgit Malaysia and receipts from operations are usually retained in Ringgit Malaysia and funds from financing activities are generated in Ringgit Malaysia.

2. SIGNIFICANT ACCOUNTING POLICIES

The financial statements have been prepared on the historical cost basis unless otherwise stated.

The principal accounting policies adopted are set out below:

2.1 IMPAIRMENT OF ASSETS, OTHER THAN INVENTORIES AND FINANCIAL ASSETS

At each reporting date, the Institution assesses whether there is any indication that an asset may be impaired. If any such indication exists, the recoverable amount of the asset is estimated.

When there is an indication that an asset may be impaired but it is not possible to estimate the recoverable amount of the individual asset, the Institution estimates the recoverable amount of the cash-generating unit to which the asset belongs.

The recoverable amount of an asset and a cash-generating unit is the higher of the fair value less costs to sell and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset.

If the recoverable amount of an asset or a cash-generating unit is less than the carrying amount, an impairment loss is recognised to reduce the carrying amount to its recoverable amount. An impairment loss for a cash-generating unit is firstly allocated to reduce the carrying amount of any goodwill allocated to the cash-generating unit, and then, to the other non-current assets of the unit pro rata on the basis of the carrying amount of each appropriate asset in the cash-generating unit. Impairment loss is recognised immediately in profit or loss, unless the asset is carried at a revalued amount, in which case it is treated as a revaluation decrease.

The recoverable amount is the higher of an asset's or cash-generating unit's fair value less to sell, value in use and zero.

An impairment loss recognised in prior periods for an asset or the appropriate assets of a cash-generating unit is reversed when there has been a change in the estimates used to determine the asset's recoverable amount. An impairment loss is reversed to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation, if no impairment loss had been recognised in prior periods. A reversal of an impairment loss is recognised immediately in profit or loss, unless the asset is carried at revalued amount, in which case it is treated as a revaluation increase.

2.2 FINANCIAL ASSETS

Financial assets are recognised in the statement of financial position when the Institution becomes a party to the contractual provisions of the instrument.

On initial recognition, financial assets are measured at transaction price, include transaction costs for financial assets not measured at fair value through profit or loss, unless the arrangement constitutes, in effect, a financing transaction for the counterparty to the arrangement.

2.3 CASH AND CASH EQUIVALENTS

Cash and cash equivalents in the statement of cash flows comprise bank balances and short-term bank deposits that have a short maturity of three months or less from the date of acquisition.

2.4 PROVISIONS

A provision is recognised when the Institution has an obligation at the reporting date as a result of a past event, it is probable that a transfer of economic benefits will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation.

The risks and uncertainties are taken into account in reaching the best estimate of a provision. When the effect of the time value of money is material, the amount recognised in respect of the provision is the present value of the expenditure expected to be required to settle the obligation.

2.5 FINANCIAL LIABILITIES

Financial liabilities are recognised in the statement of financial position when the Institution becomes a party to the contractual provisions of the instrument.

On initial recognition, financial liabilities are measured at transaction price, include transaction costs for financial liabilities not measured at fair value through profit or loss, unless the arrangement constitutes, in effect, a financing transaction for the Institution to the arrangement.

2.6 INCOME RECOGNITION

i) *Donation received*

Donation is recognised on cash receipt basis.

ii) *Interest income*

Interest income is recognised on accruals basis using the effective interest method.

3. RECEIVABLES

	2023 RM	2022 RM
Other receivables	644,673	891,707
Less: Amortised cost adjustment	(186,392)	(186,392)
	458,281	705,315

The movement of amortised cost adjustment are as follows:

	2023 RM	2022 RM
At beginning of the financial year	186,392	181,305
Recognised during the financial year	-	5,087
At end of the financial year	186,392	186,392

4. DEPOSITS AND BANK BALANCES

	2023 RM	2022 RM
Cash at bank	155,409	214,448
Fixed deposits with licensed banks	1,967,376	1,620,793
Cash and cash equivalents	2,122,785	1,835,241

The fixed deposits with licensed banks at the end of the financial year earned interest rates range from 2.80% to 3.95% (2022: 1.65% to 2.60%) per annum. The maturity of deposits as at end of the financial year was between 6 to 12 months (2022: 6 to 12 months).

For the purpose of statement of cash flows, cash and cash equivalents comprise:

	2023 RM	2022 RM
Cash at bank	155,409	214,448
Fixed deposits with licensed banks	1,967,376	1,620,793
	2,122,785	1,835,241
Less: Fixed deposits with maturity period of more than 3 months	(1,967,376)	(1,620,793)
Cash and cash equivalents	155,409	214,448

5. PAYABLES

	2023 RM	2022 RM
Other payable	31,784	40,785
Accruals	2,650	2,650
	34,434	43,435

6. INCOME TAX EXPENSE

No provision for income tax has been made in 2023 and 2022 as the Institution is a non-profit organisation.

The Institution has been granted with approved charitable institution status under Section 44(6) of the Income Tax Act, 1967 (ITA) via the Inland Revenue Board's approval letter dated 2.6.1979.

More than 50% of the total income received by the Institution in the preceding year has been spent during the current year. Hence, the total income for the financial year is exempted from income tax under Paragraph 13(1)(a) Schedule 6 of the Income Tax Act, 1967.

7. FINANCIAL INSTRUMENTS

	2023 RM	2022 RM
FINANCIAL ASSETS		
Non-trade receivables	458,281	705,315
Fixed deposits with licensed banks	1,967,376	1,620,793
Cash at bank	155,409	214,448
	2,581,066	2,540,556
FINANCIAL LIABILITIES		
Other payables	31,784	40,785
Accruals	2,650	2,650
	34,434	43,435

Net gain and losses arising from financial instruments

	2023 RM	2022 RM
NET SURPLUS/(LOSSES) ARISING FROM: FINANCIAL ASSET AT AMORTISED COST		
Interest income	(46,583)	(31,274)

8. DATE OF AUTHORISATION OF ISSUE

The financial statements had been authorised for issue on 18 March 2024.

