

IEM

THE INSTITUTION OF ENGINEERS, MALAYSIA
INSTITUSI JURUTERA MALAYSIA

2019



60th Annual Report Laporan Tahunan Ke-60



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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
1975/1977	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	Y.Bhg. Dato' Ir. Pang Leong Hoon

FELLOW KEHORMAT TERTINGGI, IEM

Year Name of Recipients

2003	Y.A.Bhg. Tun Dr Mahathir bin Mohamed
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FELLOW KEHORMAT, IEM

Year Name of Recipients

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.Bhg. 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	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.B. 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	YAB Pehin Seri Tan Sri Dr Haji Abdul Taib bin Mahmud
2008	YAB Datuk Seri Panglima Musa bin Haji Aman
2008	YAB Dato' Seri Ir. Hj Mohammad Nizar bin Jamaluddin
2009	Y.Bhg. Dato' Sri Ir. Mohd Zin bin Mohamed

AHLI KEHORMAT, IEM

Year Name of Recipients

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

AHLI TERTINGGI, IEM

Year Name of Recipient

2013	YBhg. Tan Sri Dato' Ir. Teo Chiang Kok
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Sessions Past Presidents

1986/88	Allahyarham Ir. Tuan Haji Abdul Rahman bin Yaacob
1988/90	Y.Bhg. Academician Dato' Ir. Lee Yee Cheong
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	Ir. Tuan 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 Dato' Ir. Prof. 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

IEM DISTINGUISHED HONORARY FELLOW

2010	Y.Bhg. Academician Dato' Ir. Lee Yee Cheong
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IEM HONORARY FELLOW

Year Name of Recipients

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	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 Dato' Ir. Prof. Dr Chuah Hean Teik
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
2016	Ir. Choo Kok Beng
2017	Mr. Antonio Guterres
2017	Professor Dr. Shahbaz Khan
2018	Ir. Khoo Choong Keow

IEM HONORARY MEMBER

Year Name of Recipients

2013	Y.Bhg. Dato' Dr Mohamad bin Hashim
2014	Y.Bhg. Dato' Lau Siu Wai
2014	Y.B. Datuk Dr. Abu Bakar bin Mohamad Diah
2015	Y.Bhg. Datuk Professor Dr. Shahrin Bin Sahib @ Sahibuddin
2017	YBhg. Dato' Emeritus Professor Dr Hassan Said

IEM DISTINGUISHED MEMBER



IEM'S VISION

The Institution of Engineers, Malaysia aims to be the premier professional organisation pivotal to Malaysia achieving Vision 2020.

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.



Position	Name	
President	Ir. David Lai Kong Phooi	
Deputy President	Ir. Ong Ching Loon	
Vice Presidents	Ir. Dr. Ruslan bin Hassan	
	Ir. Lai Sze Ching	
	Ir. Lee Boon Chong	
	Ir. Prof. Dr. Norlida bt Buniyamin	
	Ir. Prof. Dr. Jeffrey Chiang Choong Luin	
	Ir. Ellias bin Saidin	
	Ir. Gopal Narian Kutty	
Honorary Secretary	Ir. Mohd Khir bin Muhammad	
Honorary Treasurer	Ir. Dr. Tan Chee Fai	
Immediate Past President	Ir. Dr Tan Yean Chin	
Past Presidents	Y.Bhg. Academician Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin	
	Y.Bhg. Dato' Ir. Dr Gue See Sew	
	Y.Bhg. Dato' Paduka Ir. Hj Keizrul bin Abdullah	
	Y.Bhg. Academician Dato' Ir. Prof. Dr. Chuah Hean Teik	
	Ir. Choo Kok Beng	
Council Member - Civil Rep	Ir. Dr. Lee Yun Fook	
Council Member - Mechanical Rep	Ir. Fam Yew Hin	
Council Member - Electrical Rep	Ir. Lim Kim Ten	
Council Member - Structural Rep	Ir. Dr. Ng Soon Ching	
Council Member - Chemical Rep	Ir. Prof. Dr. Lee Tin Sin	
Council Member - Other Disciplines Rep	Ir. Roznan bin Abdul Rashid	
Council Member - Multimedia Rep	Ir. Dr David Chuah Joon Huang	
Council Members - Ordinary Rep	Ir. Assoc. Prof. Dr. Ahmad Kamil bin Arshad	
	Ir. Dr. Tan Kuang Leong	
	Ir. Vincent Wong Khien Ngie	
	Y.Bhg. Lt. Jen. Dato' Wira Ir. Ismail bin Samion (Ret. RMAF)	
	Y.Bhg. Dato' Ir. Hj. Anuar bin Yahya	
	Ir. Mah Way Sheng	
	Ir. Gunasagaran a/l Kristnan	
	Ir. Chen Harn Shean	
	Ir. Mohd Aman bin Hj. Idris	
	Ir. Wong Chee Fui	
	Ir. Prof Dr. Leong Wai Yie	
	Ir. Razmahwata Mohd Razalli	
	Ir. Abdul Razak Yakob	
	Ir. Yau Chau Fong	
	Y. Bhg. Dato' Ir. Foong Choy Chye	
	Y. Bhg. Dato' Ir. Kisai bin Rahmat	
	Y. Bhg. Dato' Ir. Nor Hisham Mohd Ghazali	
	Ir. Toh Chin Kok	
	Ir. Dr Jeyanthi Ramasamy	
	Ir. Dr. Wang Hong Kok	
	Ir. Yam Teong Sian	
	Y. Bhg. Dato' Ir. Fakharazi bin Wahijan	
	Ir. Yasotha Ramachandran Chetty	
	Ir. Mohmad Asari bin Daud	
	Ir. Ng Beng Hooi	
	Ir. Dr. Lai Khin Wee	
Women Engineers Representative	Ir. Mah Siew Kien	
Young Engineers Representatives	Mr. Yew Weng Kean	
	Mr. Addison Koh Yang Mun	
	Mr. Tony Ong Chong Yong	
	Mr. Kuugan Thangarajoo	
	Sdr. Cheah Khai Chun	
Branch Representatives	Ir. Yau Ann Nian	<i>Penang Branch</i>
	Ir. Teo Ki Yuee	<i>Southern Branch</i>
	Ir. Abdul Razak Bin Ali	<i>Perak Branch</i>
	Y.Bhg. Dato' Ir. Sharuddin Mohd Simin	<i>Pahang Branch</i>
	Ir. Abdullah Zawawi bin Mohamad Noor	<i>Terengganu Branch</i>
	Ir. Dr Oh Seong Por	<i>Negeri Sembilan Branch</i>
	Ir. Sreedaran a/l Raman	<i>Melaka Branch</i>
	Ir. Haidel Heli	<i>Sarawak Branch</i>
	Ir. James Yong Hon Min	<i>Sabah Branch</i>
	Ir. Prof Dr Lau Hieng Ho	<i>Miri Branch</i>
	Ir. Abdullah bin Othman	<i>Kedah-Perlis Branch</i>
	Ir. Abrizan bin Abd Kadir	<i>Kelantan Branch</i>



1 March 2019

Ref. No: IEM19/HQ/070/AGM – 4 CPD hours

To all members of
The Institution of Engineers, Malaysia

NOTICE OF 60TH ANNUAL GENERAL MEETING
Saturday, 20 April 2019, 9.00 am at Wisma IEM

In accordance with Section 7.5 of the Bylaws, notice is hereby given that the 60th Annual General Meeting of The Institution of Engineers, Malaysia shall be held at Malakoff Auditorium, 1st Floor, Wisma IEM, 21 Jalan Selangor, Petaling Jaya on **Saturday, 20 April 2019 at 9.00 am.**

The Agenda for the Annual General Meeting is as follows:-

1. Welcoming Address by the President for Session 2018/2019.
2. Confirmation of Minutes of the 59th Annual General Meeting held on 21 April 2018.
3. Matters Arising.
4. Annual Report / Financial Statements for Session 2018/2019.
5. Discussion on written issues from members of which written notice is submitted to reach IEM Secretariat by 1 April 2019. *Please note that no matters under this item shall be discussed, unless prior written notice is received by 1 April 2019. This is in accordance to the IEM Constitution & Bylaws.*
6. Amendments to the IEM Constitution.
7. Announcement of Results of Election for Council Session 2019/2020.
8. Awards Presentation
9. Presentation of Certificates – Members Transferred to the grade of Fellow in 2018.
10. Change of Office Bearers
11. Election of Honorary Internal Auditors.
12. Appointment of External Auditors.
13. Any Other Business
14. Presidential Address 2019/2020.

Ir. Mohd Khir bin Muhammad FIEM, PEng
Hon. Secretary

NOTES:

- 1) As this is a Saturday, parking around the IEM premises (Wisma IEM and Bangunan Ingenieur) is free.
- 2) Parking facilities have also been arranged for members at the Kompleks A Menara MBPJ Car Park (behind Bangunan Ingenieur). IEM will bear the parking fees for those who park inside the Kompleks A Car park Menara MBPJ. Parking is from 8.30 am to 1.30 pm. All members parking there are therefore to produce the parking ticket for verification by the IEM Secretariat at the AGM venue. The parking ticket would be collected by the Parking Attendant at Menara MBPJ Car park upon exit.
- 3) Light breakfast will be served from 8.00 am.
- 4) To assist in our planning and arrangement to ensure there are sufficient seats, members are requested to return the reply slip to the Secretariat not later than **1 April 2019.**



PROPOSED AMENDMENTS TO THE IEM CONSTITUTION FOR DISCUSSION AT 60TH ANNUAL GENERAL MEETING
SCHEDULED ON 20 APRIL 2019

EXISTING CONSTITUTION	PROPOSED AMENDMENT
ARTICLE II MEMBERSHIP	
<p><u>Article 2.2</u> Non-corporate Members shall comprise nine grades, namely</p> <ul style="list-style-type: none"> (a) Distinguished Honorary Fellows (b) Honorary Fellows (c) Honorary Members (d) Companion (e) Graduate Members (f) Incorporated Members 	<p>Non-corporate Members shall comprise nine thirteen grades, namely</p> <ul style="list-style-type: none"> (a) to (c) no change (d) Companion Senior Graduate Members (e) Graduate Members <p>To add:</p> <ul style="list-style-type: none"> (ea) Engineering Technologist Members (eb) Engineering Technologist Graduate Members (ec) Engineering Technician Members (ed) Engineering Technician Graduate Members (f) Incorporated Members
<p><u>Article 2.4</u> The names of all members shall be entered on the Register of The Institution, hereinafter referred to as "the Register". Each grade of membership shall comprise every person who has been admitted, elected or transferred into that grade, so long as his name is on the Register as such. Corporate Members who are not Professional Engineers registered under the Registration of Engineers Act 1967, Companions and Graduate Members shall be entitled to the use of the title "Engr" placed before their names.</p>	<p>The names of all members shall be entered on the Register of The Institution, hereinafter referred to as "the Register". Each grade of membership shall comprise every person who has been admitted, elected or transferred into that grade, so long as his name is on the Register as such. Corporate Members who are not Professional Engineers registered under the Registration of Engineers Act 1967, Companions and Graduate Members shall be entitled to the use of the title "Engr" placed before their names.</p>
<p><u>Article 2.5</u> Senior Member S.M.I.E.M. Member M.I.E.M. Companion C.I.E.M. Graduate Member Grad. I.E.M. Incorporated Member Inc. I.E.M.</p>	<p>Senior Member S.M.I.E.M. Member M.I.E.M. Companion C.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.</p>
<p><u>Article 2.14</u> Companion: A Companion shall be a person who is academically qualified, has the necessary training and experience or wide exposure to the engineering profession and that he is worthy for admission in accordance with the relevant Bylaws and Regulations.</p>	<p>Companion Senior Graduate Member: A Companion Senior Graduate Member shall be a person who is academically qualified, has the necessary training and experience or wide exposure to the engineering profession and that he is worthy for admission in accordance with the relevant Bylaws and Regulations.</p>
	<p><u>To insert 4 new Articles after 2.15:</u></p> <p>2.15A Engineering Technologist Member: An Engineering Technologist Member shall be a person who in respect to his educational attainments and his practical training, complies with the relevant Bylaws and Regulations.</p> <p>2.15B Engineering Technologist Graduate Member: An Engineering Technologist Graduate Member shall be a person who in respect to his age, his educational attainments and his practical training, complies with the relevant Bylaws and Regulations.</p> <p>2.15C Engineering Technician Member: An Engineering Technician Member shall be a person who in respect to his educational attainments and his practical training, complies with the relevant Bylaws and Regulations.</p> <p>2.15D Engineering Technician Graduate Member: An Engineering Technician Graduate Member shall be a person who in respect to his age, his educational attainments and his practical training, complies with the relevant Bylaws and Regulations.</p>



ARTICLE IV SOURCES OF INCOME																																									
<p><u>Article 4.1 Entrance and Transfer Fees</u> (b) Companion</p> <p>(i) who has been a Non-corporate Member in any grade for at least one (1) year, and who applies for transfer to this grade of membership within one (1) year after obtaining the required qualifications for admission to this grade.</p> <p>(ii) who does not fulfil the requirements in (b)(i) Above.</p>	<p>(b) Companion Senior Graduate Member</p> <p>(i) who has been an Non-corporate Member in any grade for at least one year, and who applies for transfer to this grade of membership within one (1) year after obtaining the required qualifications for admission to this grade.</p> <p>(ii) who does not fulfil the requirements in (b)(i) Above. (i) who has been an Associate Member for RM50.00 at least one (1) year, and who applies for transfer to this grade of membership within one (1) year after obtaining the required qualifications for admission to this grade.</p> <p>(ii) who does not fulfil the requirements in (cd)(i) Above. RM80.00</p>																																								
<p><u>Article 4.2 Annual Subscription</u> <u>Article 4.2.1</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Member</td> <td style="width: 10%; text-align: right;">RM155.00</td> <td style="width: 40%;">Member</td> <td style="width: 10%; text-align: right;">RM155.00</td> </tr> <tr> <td>Companion</td> <td style="text-align: right;">RM155.00</td> <td>Companion Senior Graduate Member</td> <td style="text-align: right;">RM155.00</td> </tr> <tr> <td>Graduate Member, who in the year, has attained the age of 30</td> <td style="text-align: right;">RM155.00</td> <td>Graduate Member, who in the year, has attained the age of 30</td> <td style="text-align: right;">RM155.00</td> </tr> <tr> <td>has not attained the age of 30</td> <td style="text-align: right;">RM100.00</td> <td>has not attained the age of 30</td> <td style="text-align: right;">RM100.00</td> </tr> </table>	Member	RM155.00	Member	RM155.00	Companion	RM155.00	Companion Senior Graduate Member	RM155.00	Graduate Member, who in the year, has attained the age of 30	RM155.00	Graduate Member, who in the year, has attained the age of 30	RM155.00	has not attained the age of 30	RM100.00	has not attained the age of 30	RM100.00	<p><u>To insert 4 new sub-sections after Graduate Member</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Engineering Technologist Member</td> <td style="width: 10%;"></td> <td style="width: 40%;">Engineering Technologist Member</td> <td style="width: 10%; text-align: right;">RM155.00</td> </tr> <tr> <td>Engineering Technologist Graduate Member, who in the year, has attained the age of 30</td> <td></td> <td>Engineering Technologist Graduate Member, who in the year, has attained the age of 30</td> <td style="text-align: right;">RM155.00</td> </tr> <tr> <td>has not attained the age of 30</td> <td></td> <td>has not attained the age of 30</td> <td style="text-align: right;">RM100.00</td> </tr> <tr> <td>Engineering Technician Member</td> <td></td> <td>Engineering Technician Member</td> <td style="text-align: right;">RM155.00</td> </tr> <tr> <td>Engineering Technician Graduate Member, who in the year, has attained the age of 30</td> <td></td> <td>Engineering Technician Graduate Member, who in the year, has attained the age of 30</td> <td style="text-align: right;">RM155.00</td> </tr> <tr> <td>has not attained the age of 30</td> <td></td> <td>has not attained the age of 30</td> <td style="text-align: right;">RM100.00</td> </tr> </table>	Engineering Technologist Member		Engineering Technologist Member	RM155.00	Engineering Technologist Graduate Member, who in the year, has attained the age of 30		Engineering Technologist Graduate Member, who in the year, has attained the age of 30	RM155.00	has not attained the age of 30		has not attained the age of 30	RM100.00	Engineering Technician Member		Engineering Technician Member	RM155.00	Engineering Technician Graduate Member, who in the year, has attained the age of 30		Engineering Technician Graduate Member, who in the year, has attained the age of 30	RM155.00	has not attained the age of 30		has not attained the age of 30	RM100.00
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Engineering Technician Graduate Member, who in the year, has attained the age of 30		Engineering Technician Graduate Member, who in the year, has attained the age of 30	RM155.00																																						
has not attained the age of 30		has not attained the age of 30	RM100.00																																						
<p><u>Article 5.1</u> The Members of the Council shall, subject to Article 5.2, be chosen from amongst Corporate Members of The Institution, and shall comprise :-</p> <p>(a) The President, (b) The Deputy President, (c) The Immediate Past President, (d) All Past Presidents who are invited by the Council and have expressed their willingness to serve, (e) The Vice Presidents of whom there shall be not less than two (2) nor more than ten (10), as prescribed in the Bylaws, (f) The Honorary Secretary, (g) The Honorary Treasurer, (h) Ordinary Council Members of whom there shall be not less than twenty (20) nor more than fifty (50), as prescribed in the Bylaws, (i) One (1) representative from each Branch of The Institution. (j) Not more than three (3) Corporate Members appointed by the Council on the nomination of the President for a term of one (1) session. An appointed member may be re-appointed, but shall not serve in this capacity for more than two (2) consecutive sessions. (k) Five (5) Companion or Graduate Members, as prescribed in the Bylaws, (l) One (1) woman Member as prescribed in the Bylaws.</p>	<p>The Members of the Council shall, subject to Article 5.2, be chosen from amongst Corporate Members of The Institution, and shall comprise :-</p> <p>(a) The President, (b) The Deputy President, (c) The Immediate Past President, (d) All Past Presidents who are invited by the Council and have expressed their willingness to serve, (e) The Vice Presidents of whom there shall be not less than two (2) nor more than ten (10), as prescribed in the Bylaws, (f) The Honorary Secretary, (g) The Honorary Treasurer, (h) Ordinary Council Members of whom there shall be not less than twenty (20) nor more than fifty (50), as prescribed in the Bylaws, (i) One (1) representative from each Branch of The Institution. (j) Not more than three (3) Corporate Members appointed by the Council on the nomination of the President for a term of one (1) session. An appointed member may be re-appointed, but shall not serve in this capacity for more than two (2) consecutive sessions. (k) Five (5) Companion Senior Graduate Members or Graduate Members, as prescribed in the Bylaws, (l) One (1) woman Member as prescribed in the Bylaws, (m) One (1) Engineering Technologist Member, as prescribed in the Bylaws, (n) One (1) Engineering Technician Member, as prescribed in the Bylaws.</p>																																								



<p><u>Article 5.2</u> (b) A Vice President shall hold office for a term of two (2) sessions and may be re-elected but may not hold office for more than two (2) consecutive terms. (b) (a) The Honorary Secretary and Honorary Treasurer shall hold office for a term of one (1) session. They may be re-elected, but may not hold office for more than two (2) consecutive terms.</p>	<p>(b) A Vice President shall hold office for a term of two (2) sessions and may be re-elected but may not hold office for more than two (2) consecutive terms. (b) (a) The Honorary Secretary and Honorary Treasurer shall hold office for a term of one (1) session. They may be re-elected, but may not hold office for more than two (2) consecutive terms. (e) (b) A Council Member shall hold office.... (c) The Chairman of each Branch of the Institution.... (d) (Note – spacing and alignment)</p>
<p><u>Article 5.4</u> The Vice Presidents, the Honorary Secretary and the Honorary Treasurer and Council Members except those under Article 5.1 (k) and 5.1(l), shall be elected from amongst the Corporate Members by secret ballot in the manner as prescribed in this Constitution and the Bylaws and Regulations made thereunder. The Members of the Council under Article 5.1 (k) and 5.1(l), shall be appointed in the manner as prescribed in the Bylaws.</p>	<p>The Vice Presidents, the Honorary Secretary and the Honorary Treasurer and Council Members except those under Article 5.1 (k), and 5.1(l), 5.1(m) and 5.1(n), shall be elected from amongst the Corporate Members by secret ballot in the manner as prescribed in this Constitution and the Bylaws and Regulations made thereunder. The Members of the Council under Article 5.1 (k), and 5.1(l), 5.1(m) and 5.1(n), shall be appointed in the manner as prescribed in the Bylaws.</p>
<p><u>Article 5.11</u></p>	<p><u>To insert a new paragraph after the first paragraph</u> For the purpose of this Article, “Officer” means the member of the Council or Executive Committee or the Standing Committee.</p>
<p><u>Article 5.14</u> Branch Committee (i) The Committee of a Branch shall comprise of: (a) The Chairman (b) Two (2) Vice Chairmen (c) The Honorary Secretary (d) The Honorary Treasurer (e) The Immediate Past Chairman (f) Not less than Four (4) and not more than eight (8) Ordinary Committee Members (g) One (1) Representative of the Graduate and Student Section of the Branch (h) One (1) Companion or Graduate Member appointed by the Branch Committee</p>	<p>Branch Committee (i) The Committee of a Branch shall comprise of: (a) The Chairman (b) Two (2) Vice Chairmen (c) The Honorary Secretary (d) The Honorary Treasurer (e) The Immediate Past Chairman (f) Not less than Four (4) and not more than eight (8) Ordinary Committee Members (g) One (1) Representative of the Graduate and Student Section of the Branch (h) One (1) Companion Senior Graduate Member or Graduate Member appointed by the Branch Committee (i) One (1) Engineering Technologist Member appointed by the Branch Committee (j) One (1) Engineering Technician Member appointed by the Branch Committee</p>
ARTICLE VI MANAGEMENT	
<p>6.10 The Council shall appoint from amongst its members an Executive Committee, which shall exercise between meetings of the Council, such powers of the Council as may be delegated to it from time to time. The Executive Committee shall consist of not less than ten (10) and not more than twenty-four (24) members.</p>	<p>6.10 The Council shall appoint from amongst its members an Executive Committee, which shall exercise between meetings of the Council, such powers of the Council as may be delegated to it from time to time. The Executive Committee shall consist of not less than ten (10) and not more than twenty-four (24) nineteen (19) members. (Note – this is to synchronise with 6.19 of the Bylaws)</p>
ARTICLE X INTERPRETATION	
<p><u>Article 10.9</u> “Non-corporate Members” means Distinguished Honorary Fellows, Honorary Fellows and Honorary Members who are not engineers and Graduate Members, Companions, Incorporated Members, Affiliate Members, Associate Members or Student Members.</p>	<p>“Non-corporate Members” means Distinguished Honorary Fellows, Honorary Fellows and Honorary Members who are not engineers and Graduate Members, Companions Senior Graduate Members, Engineering Technologist Members, Engineering Technologist Graduate Members, Engineering Technician Members, Engineering Technician Graduate Members, Incorporated Members, Affiliate Members, Associate Members or Student Members.</p>



AMENDMENTS TO THE IEM BYLAWS

EXISTING CONSTITUTION	PROPOSED AMENDMENT
SECTION II Qualifications for Membership	
<p>Companions:</p> <p>2.4 Companions shall comprise all those persons who have been admitted or transferred into the grade of Companion so long as their names are on the Register as such.</p>	<p>Companions Senior Graduate Members:</p> <p>2.4 Companions Senior Graduate Member shall comprise all those persons who have been admitted or transferred into the grade of Companion Senior Graduate Member so long as their names are on the Register as such.</p> <p><u>To insert 4 new sub-sections after Graduate Member</u></p> <p>Engineering Technologist Members:</p> <p>2.5A Engineering Technologist Members shall comprise all those persons who have been elected into the grade of Engineering Technologist Member so long as their names are on the Register as such.</p> <p>A candidate for election into this grade shall produce evidence to the satisfaction of the Council that he is worthy of election, and</p> <p>(a) That he has a graduate qualification as approved by the Council; and</p> <p>(b) That he has attained the approved required years of practical experience in engineering technology, after obtaining the graduate qualification in a manner satisfactory to the Council, in the execution or management, operation and maintainance of such works as are comprised within the profession of engineering technology, or the teaching of engineering technology in a course leading to a qualification approved by the Council.</p> <p>Engineering Technologist Graduate Members:</p> <p>2.5B Engineering Technologist Graduate Members shall comprise all those persons who have been admitted or transferred into the grade of Engineering Technologist Graduate Member so long as their names are on the Register as such.</p> <p>A candidate for admission or transfer into this grade shall be not less than eighteen (18) years of age and shall produce evidence to the satisfaction of the Council that he has graduated with an accredited engineering technology degree or has obtained an equivalent qualification approved by the Council.</p> <p>Engineering Technician Members:</p> <p>2.5C Engineering Technician Members shall comprise all those persons who have been elected into the grade of Engineering Technician Member so long as their names are on the Register as such.</p> <p>A candidate for election into this grade shall produce evidence to the satisfaction of the Council that he is worthy of election, and</p> <p>(a) That he has an academic qualification as approved by the Council; and</p> <p>(b) That he has attained the approved required years of practical experience in engineering, after obtaining the academic qualification in a manner satisfactory to the Council, in the operation and maintenance of such works as are comprised within the engineering, or the teaching of engineering in a course leading to a qualification approved by the Council.</p>



	<p>Engineering Technician Graduate Members:</p> <p>2.5D Engineering Technician Graduate Members shall comprise all those persons who have been admitted or transferred into the grade of Engineering Technician Graduate Member so long as their names are on the Register as such.</p> <p>A candidate for admission or transfer into this grade shall be not less than eighteen (18) years of age and shall produce evidence to the satisfaction of the Council that he has graduated with an accredited Diploma or Certificate in engineering from a polytechnic/college/institution or has obtained an equivalent qualification approved by the Council.</p>
<p>Associate Members:</p> <p>2.8 Associate Members shall comprise all those persons who have been admitted into the grade of Associate Member so long as their names are on the Register as such.</p> <p>A candidate for admission to this grade shall produce evidence to the satisfaction of the Council that he has obtained a recognised diploma in engineering from a polytechnic/college, or has obtained an equivalent qualification.</p>	<p>Associate Members:</p> <p>2.8 Associate Members shall comprise all those persons who have been admitted into the grade of Associate Member so long as their names are on the Register as such.</p> <p>A candidate for admission to this grade shall produce evidence to the satisfaction of the Council that he has obtained a recognised diploma or certificate in engineering from a polytechnic/college/institutions, or has obtained an equivalent qualification approved by the Council.</p>
<p>Student Members:</p> <p>2.9 Student Members shall comprise all those persons who have been admitted into the grade of Student Member so long as their names are on the Register as such.</p> <p>A candidate for admission into this grade shall produce evidence to the satisfaction of the Council:-</p> <p>(a) That he is pursuing a course leading to the award of an engineering degree or a diploma or equivalent; or</p> <p>(b) That he has enrolled for The Institution's Graduate Examinations or the Examination of an overseas professional institution recognised by the Council.</p> <p>A Student Member, who obtains a qualification which entitles him to the membership in any other grade, shall be required to transfer to such grade within twelve (12) months of obtaining such qualification, and pay the appropriate fees.</p>	<p>Student Members:</p> <p>2.9 Student Members shall comprise all those persons who have been admitted into the grade of Student Member so long as their names are on the Register as such.</p> <p>A candidate for admission into this grade shall produce evidence to the satisfaction of the Council:-</p> <p>(a) That he is pursuing a course leading to the award of an engineering degree or engineering technology degree or a diploma or a certificate in engineering or equivalent; or</p> <p>(b) That he has enrolled for The Institution's Graduate Examinations or the Examination of an overseas professional institution recognised by the Council.</p> <p>A Student Member, who obtains a qualification which entitles him to the membership in any other grade, shall be required to transfer to such grade within twelve (12) months of obtaining such qualification, and pay the appropriate fees.</p>
<p>SECTION IIIA Admission, Election and Transfer</p>	
	<p>To insert a new sub-section 3.4A after 3.4</p> <p>Engineering Technologist Member</p> <p>3.4A Any person desirous of being elected an Engineering Technologist Member shall be proposed and seconded according to such rules as the Council may prescribe. The proposal form shall be signed by a Fellow of the Institution and a Corporate Member or an Engineering Technologist Member. The proposer and seconder shall certify from personal knowledge of the candidate that he is a fit and proper person for consideration by the Council for the relevant class of membership of the Institution.</p>



<p>Graduate Members and Student Members:</p> <p>3.5 A candidate for admission to the grade of Graduate Member or for transfer from Student Member to Graduate Member shall have his application form and details duly completed and may submit online.</p> <p>A candidate for admission to the grade of Student Member shall have his application form, details duly completed and accompanied with relevant document certified by a Corporate Member or by his employer or by a Head of Department of a teaching institution who shall certify that the candidate is receiving or has received the required engineering education and training, and these form and document may then be submitted on-line.</p> <p>A person who is eligible for admission to a higher grade of membership in The Institution shall not be admitted to the grade of Student Member.</p>	<p>Graduate Members, Engineering Technologist Graduate Members, and Student Members:</p> <p>3.5 A candidate for admission to the grade of Graduate Member or Engineering Technologist Graduate Member or for transfer from Student Member to Graduate Member or Engineering Technologist Graduate Member shall have his application form and details duly completed and may submit online.</p> <p>A candidate for admission to the grade of Graduate Member or Engineering Technologist Graduate Member shall have his application form signed by a Corporate Member.</p> <p>A candidate for admission to the grade of Student Member shall have his application form, details duly completed and accompanied with relevant document certified by a Corporate Member or by his employer or by a Head of Department of a teaching institution who shall certify that the candidate is receiving or has received the required engineering education and training, and these form and document may then be submitted on- line.</p> <p>A person who is eligible for admission to a higher grade of membership in The Institution shall not be admitted to the grade of Student Member.</p>
<p>Companion Members and Incorporated Members</p> <p>3.6 Any person desirous of being admitted or transferred to the grade as a Companion shall be proposed and seconded according to such rules as the Council may prescribe. The proposal form shall be signed by not less than two (2) Corporate Members of whom at least one (1) shall be a Fellow of The Institution or a Member of not less than ten (10) years' standing in The Institution.</p>	<p>Companion Senior Graduate Members and Incorporated Members</p> <p>3.6 Any person desirous of being admitted or transferred to the grade as a Companion Senior Graduate Member shall be proposed and seconded according to such rules as the Council may prescribe. The proposal form shall be signed by not less than two (2) Corporate Members of whom at least one (1) shall be a Fellow of The Institution or a Member of not less than ten (10) years' standing in The Institution.</p>
<p>Associate Members</p> <p>3.7 A candidate for admission to the grade of Associate Member shall have his application form signed by a Corporate Member.</p>	<p>Associate Members, Engineering Technician Member and Engineering Technician Graduate Member</p> <p>3.7 A candidate for admission to the grade of Associate Member, Engineering Technician Member or Engineering Technician Graduate Member shall have his application form signed by a Corporate Member.</p>
<p>De-registration or Suspension of Members for wrongful admission/election/transfer</p> <p>3.22 Any member de-registered or suspended or transferred pursuant to Section 3.22 of the Bylaws may upon obtaining the requisite qualification, re-apply for admission or election into The Institution or transfer to a higher grade of membership, as the case may be.</p>	<p>3.22 Any member de-registered or suspended or transferred pursuant to Section 3.22 3.21 of the Bylaws may upon obtaining the requisite qualification, re-apply for admission or election into The Institution or transfer to a higher grade of membership, as the case may be.</p>
<p>SECTION IV Fees and Annual Subscription</p>	
<p>Payment of Annual Subscription</p> <p>4.4 Every member on admission, election or transfer as the case may be shall pay the full subscription for the current year in his new grade, except as provided for in Section 4.4 above. Any subscription already paid for that year shall be taken as part payment of the new grade subscription dues.</p>	<p>4.4 Every member on admission, election or transfer as the case may be shall pay the full subscription for the current year in his new grade, except as provided for in Section 4.4 4.3 above. Any subscription already paid for that year shall be taken as part payment of the new grade subscription dues.</p>



SECTION V Composition, Nomination and Election of Council	
<p>5.1 The Members of the Council shall comprise:-</p> <p>(a) The President (b) The Deputy President (c) The Immediate Past President (d) All Past Presidents who are invited by the Council and have expressed willingness to serve on the Council (e) Seven (7) Vice Presidents (f) The Honorary Secretary (g) The Honorary Treasurer (h) Thirty-three (33) Ordinary Council Members (i) One (1) Representative from each Branch of The Institution (j) Not more than three (3) Corporate Members appointed by the Council on the nomination of the President for a term of one (1) session. An appointed Member may be re-appointed but shall not serve in this capacity for more than two (2) consecutive sessions. (k) Five (5) Companion or Graduate Members, as prescribed in Section 5.8 (b) of the Bylaws, (l) One (1) woman Member as prescribed in Section 5.8 (a) of the Bylaws.</p>	<p>5.1 The Members of the Council shall comprise:-</p> <p>(a) The President (b) The Deputy President (c) The Immediate Past President (d) All Past Presidents who are invited by the Council and have expressed willingness to serve on the Council (e) Seven (7) Vice Presidents (f) The Honorary Secretary (g) The Honorary Treasurer (h) Thirty-three (33) Ordinary Council Members (i) One (1) Representative from each Branch of The Institution (j) Not more than three (3) Corporate Members appointed by the Council on the nomination of the President for a term of one (1) session. An appointed Member may be re-appointed but shall not serve in this capacity for more than two (2) consecutive sessions. (k) Five (5) Companion Senior Graduate Members or Graduate Members, as prescribed in Section 5.8 (b) of the Bylaws, (l) One (1) woman Member as prescribed in Section 5.8 (a) of the Bylaws. (m) One (1) Engineering Technologist Member, as prescribed in Section 5.8(c) of the Bylaws, (n) One (1) Engineering Technician Member, as prescribed in Section 5.8(d) of the Bylaws.</p>
<p>5.8 (a) Women Engineers Representative</p> <p>The Chairperson of the Women Engineers Section under Section VIIIIC of the Bylaws shall be appointed to the Council</p> <p>(b) Graduate and Companion Representatives</p> <p>The Chairman and Secretary plus another three elected members of the Graduate and Student Section committee under Section VIIIIC of the Bylaws shall be appointed to the Council.</p>	<p>5.8 (a) Women Engineers Representative</p> <p>The Chairperson of the Women Engineers Section under Section VIIIIC of the Bylaws shall be appointed to the Council.</p> <p>(b) Graduate and Companion Senior Graduate Member Representatives</p> <p>The Chairman and Secretary plus another three elected members of the Graduate and Student Section committee under Section VIIIIC of the Bylaws shall be appointed to the Council.</p> <p>(to insert 2 new sub-sections)</p> <p>(c) Engineering Technologist Representative</p> <p>The Chairman of the Engineering Technologist Section committee under Section VIIIIC of the Bylaws shall be appointed to the Council.</p> <p>(d) Engineering Technician Representative</p> <p>The Chairman of the Engineering Technician Section committee under Section VIIIIC of the Bylaws shall be appointed to the Council.</p>



SECTION VIA Management	
<p>6.24 The Council shall at the first meeting of the session appoint the Executive Committee and the Standing Committees on :-</p> <ul style="list-style-type: none"> i. Finance ii. Admissions and Practical Training iii. Examinations and Qualifications iv. Professional Practice v. Information and Publications vi. Activities vii. Welfare and Service Matters viii. Corporate Affairs <p>The Council may at any time appoint such other Committees as it deems necessary or fill any vacancy that may arise therein in accordance with the Bylaws. A casual vacancy in any Standing Committees or other Committees of the Council shall be filled by a new Council member for the un-expired portion of the term of office of the person whom he replaces.</p>	<p>6.24 The Council shall at the first meeting of the session appoint the members of the Executive Committee and the Chairman and Vice Chairman of the Standing Committees on :-</p> <ul style="list-style-type: none"> i. Finance ii. Admissions and Practical Training iii. Examinations and Qualifications iv. Professional Practice v. Information and Publications vi. Activities vii. Welfare and Member Services viii. Corporate Affairs <p>The Council may at any time appoint such other Committees as it deems necessary or fill any vacancy that may arise therein in accordance with the Bylaws. A casual vacancy in any the Chairman and Vice-Chairman of the Standing Committees or other Committees of the Council shall be filled by a new Council member for the un-expired portion of the term of office of the person whom he replaces.</p>
The Standing Committee on Admissions and Practical Training	The Standing Committee on Admissions and Practical Training
<p>6.30 The Standing Committee on Admissions and Practical Training shall comprise a Vice President, who shall be the Chairman, and not less than six (6) other members including the Vice Chairman, who shall normally be appointed for a term of three (3) sessions, with one-third (1/3) of them retiring at the end of each session. A member of the Standing Committee shall be appointed by the Chairman to serve as the Secretary of the Committee.</p>	<p>6.30 The Standing Committee on Admissions and Practical Training shall comprise a Vice President, who shall be the Chairman, and not less than six (6) other members including the Vice Chairman, who shall normally be appointed for a term of three (3) sessions, with one-third (1/3) of them retiring at the end of each session. A member of the Standing Committee shall be appointed by the Chairman to serve as the Secretary of the Committee.</p>
<p>6.31 The principal duties of the Standing Committee on Admissions and Practical Training shall be to consider the suitability of candidates for admission, election or transfer to the grades of Fellow, Senior Member, Member, Companion, Graduate Member, Incorporated Member, Affiliate Member, Associate Member or Student Member and make recommendations thereon to the Council and to monitor the practical training from time to time.</p>	<p>6.31 The principal duties of the Standing Committee on Admissions and Practical Training shall be to consider the suitability of candidates for admission, election or transfer to the grades of Fellow, Senior Member, Member, Companion Senior Graduate Member, Graduate Member, Engineering Technologist Member, Engineering Technologist Graduate Member, Engineering Technician Member, Engineering Technician Graduate Member, Incorporated Member, Affiliate Member, Associate Member or Student Member and make recommendations thereon to the Council and to monitor the practical training from time to time.</p>
The Standing Committee on Examinations and Qualifications	The Standing Committee on Examinations and Qualifications
<p>6.32 The Standing Committee on Examinations and Qualifications shall comprise a Vice President, who shall be the Chairman, and not less than six (6) other members including the Vice Chairman, who shall normally be appointed for a term of three (3) sessions, with one-third (1/3) of them retiring at the end of each session. A member of the Standing Committee shall be appointed by the Chairman to serve as the Secretary of the Committee.</p>	<p>6.32 The Standing Committee on Examinations and Qualifications shall comprise a Vice President, who shall be the Chairman, and not less than six (6) other members including the Vice Chairman, who shall normally be appointed for a term of three (3) sessions, with one-third (1/3) of them retiring at the end of each session. A member of the Standing Committee shall be appointed by the Chairman to serve as the Secretary of the Committee.</p>
The Standing Committee on Professional Practice	The Standing Committee on Professional Practice
<p>6.34 The Standing Committee on Professional Practice shall comprise a Vice President, who shall be the Chairman, and not less than six (6) other members including the Vice Chairman, who shall normally be appointed for a term of three (3) sessions, with one-third (1/3) of them retiring at the end of each session. A member of the Standing Committee shall be appointed by the Chairman to serve as Secretary of the Committee.</p>	<p>6.34 The Standing Committee on Professional Practice shall comprise a Vice President, who shall be the Chairman, and not less than six (6) other members including the Vice Chairman, who shall normally be appointed for a term of three (3) sessions, with one-third (1/3) of them retiring at the end of each session. A member of the Standing Committee shall be appointed by the Chairman to serve as Secretary of the Committee.</p>
The Standing Committee on Information and Publications	The Standing Committee on Information and Publications
<p>6.36 The Standing Committee on Information and Publications shall comprise a Vice President, who shall be the Chairman, and not less than six (6) other members including the Vice Chairman, who shall normally be appointed for a term of three (3) sessions, with one-third (1/3) of them retiring at the end of each session. A member of the Standing Committee shall be appointed by the Chairman to serve as the Secretary of the Committee.</p>	<p>6.36 The Standing Committee on Information and Publications shall comprise a Vice President, who shall be the Chairman, and not less than six (6) other members including the Vice Chairman, who shall normally be appointed for a term of three (3) sessions, with one-third (1/3) of them retiring at the end of each session. A member of the Standing Committee shall be appointed by the Chairman to serve as the Secretary of the Committee.</p>



<p>The Standing Committee on Activities</p> <p>6.38 The Standing Committee on Activities shall comprise a Vice President, who shall be the Chairman, and not less than six (6) other members including the Vice Chairman, who shall normally be appointed for a term of three (3) sessions, with one-third (1/3) of them retiring at the end of each session. A member of the Standing Committee shall be appointed by the Chairman to serve as the Secretary of the Committee.</p>	<p>The Standing Committee on Activities</p> <p>6.38 The Standing Committee on Activities shall comprise a Vice President, who shall be the Chairman, and not less than six (6) other members including the Vice Chairman, who shall normally be appointed for a term of three (3) sessions, with one-third (1/3) of them retiring at the end of each session. A member of the Standing Committee shall be appointed by the Chairman to serve as the Secretary of the Committee.</p>
<p>The Standing Committee on Information and Publications</p> <p>6.36 The Standing Committee on Information and Publications shall comprise a Vice President, who shall be the Chairman, and not less than six (6) other members including the Vice Chairman, who shall normally be appointed for a term of three (3) sessions, with one-third (1/3) of them retiring at the end of each session. A member of the Standing Committee shall be appointed by the Chairman to serve as the Secretary of the Committee.</p>	<p>The Standing Committee on Information and Publications</p> <p>6.36 The Standing Committee on Information and Publications shall comprise a Vice President, who shall be the Chairman, and not less than six (6) other members including the Vice Chairman, who shall normally be appointed for a term of three (3) sessions, with one-third (1/3) of them retiring at the end of each session. A member of the Standing Committee shall be appointed by the Chairman to serve as the Secretary of the Committee.</p>
<p>The Standing Committee on Welfare and Service Matters</p> <p>6.40 The Standing Committee on Welfare and Service Matters shall comprise a Vice President, who shall be the Chairman and not less than six (6) other members including the Vice Chairman, who shall normally be appointed for a term of three (3) sessions, with one-third (1/3) of them retiring at the end of each session. A member of the Standing Committee shall be appointed by the Chairman to serve as Secretary of the Committee.</p>	<p>The Standing Committee on Welfare and Member Services Matters</p> <p>6.40 The Standing Committee on Welfare and Member Services Matters shall comprise a Vice President, who shall be the Chairman and not less than six (6) other members including the Vice Chairman, who shall normally be appointed for a term of three (3) sessions, with one-third (1/3) of them retiring at the end of each session. A member of the Standing Committee shall be appointed by the Chairman to serve as Secretary of the Committee.</p>
<p>6.41 The principal duties of the Standing Committee on Welfare and Service Matters shall be to look into welfare and service matters for the betterment of those in the engineering profession and their dependents.</p> <p>For this purpose, the Committee may, from time to time, carry out such survey as necessary to access the remuneration and working condition of engineers in order to propose measures for improvement.</p>	<p>6.41 The principal duties of the Standing Committee on Welfare and Member Services Matters shall be to look into welfare and service matters for the betterment of those in the engineering profession the members and their dependents.</p> <p>(Comment - IEM cannot and should not be a charitable organisation.)</p> <p>For this purpose, the Committee may, from time to time, carry out such survey as necessary to access the remuneration and working condition of engineers, engineering technologists and engineering technicians in order to propose measures for improvement.</p>
<p>The Standing Committee on Corporate Affairs</p> <p>6.42 The Standing Committee on Corporate Affairs shall comprise a Vice President, who shall be the Chairman and not less than six (6) other members including the Vice Chairman, who shall normally be appointed for a term of three (3) sessions, with one-third (1/3) of them retiring at the end of each session. A member of the Standing Committee shall be appointed by the Chairman to serve as the Secretary of the Committee.</p>	<p>The Standing Committee on Corporate Affairs</p> <p>6.42 The Standing Committee on Corporate Affairs shall comprise a Vice President, who shall be the Chairman and not less than six (6) other members including the Vice Chairman, who shall normally be appointed for a term of three (3) sessions, with one-third (1/3) of them retiring at the end of each session. A member of the Standing Committee shall be appointed by the Chairman to serve as the Secretary of the Committee.</p>
<p>SECTION VIII C Women Engineers, Companion, Graduate, Student and Non-Corporate Member Sections</p>	<p>SECTION VIII C Women Engineers, Companion Senior Graduate Member, Graduate, Engineering Technologist, Engineering Technologist Graduate, Engineering Technician, Engineering Technician Graduate, Student and Non-Corporate Member Sections</p>
<p>8.17 The Council may establish or recognise any Section of Women Engineers, Companion, Graduate, Student and Non-Corporate Members comprising one or more grades of membership. The formation of each Section shall be sanctioned only if the Council shall have received a requisition for such recognition signed by not less than fifty (50) Members in the respective grade of membership.</p>	<p>8.17 The Council may establish or recognise any Section of Women Engineers, Companion Senior Graduate Members, Graduates, Engineering Technologists, Engineering Technologist Graduates, Engineering Technicians, Engineering Technician Graduates, Students and Non-Corporate Members comprising one or more grades of membership. The formation of each Section shall be sanctioned only if the Council shall have received a requisition for such recognition signed by not less than fifty (50) Members in the respective grade of membership.</p>



SECTION IX Professional Conduct & Discipline

9.25 In all cases when the Council imposes any of the penalties prescribed in Section 9.16 the circumstances leading to the imposition of the penalty shall be notified to all members either by publication in the Annual Report or in such other manner as the Council may decide. In addition, the Council may disclose to the general membership the name of the member on whom the penalty was imposed. The Council may, and if the member concerned so requests, shall similarly publish the fact that a complaint has not been substantiated.

9.25 In all cases when the Council imposes any of the penalties prescribed in Section 9.16 the circumstances leading to the imposition of the penalty shall be notified to all members either by publication in the Annual Report or in such other manner as the Council may decide. In addition, the Council may disclose to the general membership the name of the member on whom the penalty was imposed. The Council may, and if the member concerned so requests, ~~shall~~ similarly publish the fact that a complaint has not been substantiated.

**Yang Dipertua**

Ir. David Lai Kong Phooi

Timbalan Yang Dipertua

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Pengerusi, Jawantakuasa Tetap Kebajikan dan Hal Ehwal
Perkhidmatan

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Bendahari Kehormat, IEM

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JURUAUDIT DALAM KEHORMAT****Juruaudit Luar**

PKF Malaysia

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Mr. Cheong Chee Leong Grad. IEM (*Wakil YES*)

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Mr. Jackson Cheah Kai Chun (*Wakil YES*)

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 Ir. Razmahwata bin Mohammad Razalli
 Ir. Jaya Chandar a/l Poloha Nadan
 Mr. Yew Weng Kean Grad IEM (*Wakil YES*)
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Pengerusi Laman Web

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Pengerusi Perpustakaan

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Night 2018*)

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**Jawatankuasa Kecil Jamuan Makan Malam Dan
Penganugerahan Tahunan 2019**

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Night 2019*)

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Jawatankuasa Kecil Wakil Luar Badan
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(*Sub Committee on Legislation Affecting Engineering
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(*Sub Committee on Engineering Week 2018*)

Pengerusi

Ir. Elias Saidin

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Sdr. Daniel Sim-Xien
Sdr. Gavin Yong You Wei

Wakil-Wakil

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Sdri. Lim Wei Na
Sdri. Tan Kok Soon
Sdri. Wong Jie Ni
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Jawatankuasa Kecil "Minggu Kejuruteraan 2019"

(*Sub Committee on Engineering Week 2019*)

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Jawatankuasa Kecil Larian Jurutera IEM 2019

(*Sub Committee on IEM Engineers Run 2019*)

Pengerusi

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Jawatankuasa Kecil "Hari Keluarga IEM 2018"

(*Sub Committee on IEM Family Day 2018*)

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Jawatankuasa Kecil "Hari Keluarga IEM 2019"

(*Sub Committee on IEM Family Day 2019*)

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Pengerusi

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KEBAJIKAN DAN PERKHIDMATAN

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(*Sub Committee on IEM Affinity Programme*)

Pengerusi

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Jawatankuasa Kecil Skim Insuran IEM
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KEBAJIKAN DAN PERKHIDMATAN

Jawatankuasa Khas “Kelab Perniagaan IEM”
(*Special Committee on IEM Business Club*)

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Jawatankuasa Kecil “Pengurusan Dana Kebajikan”
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Pengerusi

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(*IEM Reviewers for APEC National Monitoring Committee*)

Wakil Industri

Ir. Lee Boon Chong
Ir. Chen Harn Shean

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Wakil Penghubung IEM untuk Pengawasan Nasional APEC
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Wakil

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Ir. Lee Boon Chong

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Ir. Prof. Dr. Leong Wai Yie
Ir. Chen Harn Shean
Mr. Alex Looi Tink Huey Grad. IEM
Ir. Wong Wai Wah (*Wakil ACEM*)
Ir. Prof. Dr. Hassan bin Basri

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(*ASEAN Engineering Register Executive Committee*)

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Ex- Officio

Ir. Prof. Dr. Jeffrey Chiang Choong Luin

Setiausaha

Ir. Abdul Razak bin Yakob

Bendahari

Ir. Tuan Hj. Mohamed Ali bin Yusoff

Ahli-Ahli

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Ir. Francis Xavier Jacob
Ir. Yam Teong Sian
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Mr. Alex Looi Tink Huey Grad. IEM
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Dr. Yew Weng Kean Grad. IEM (*Wakil S/S*)

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Ahli-Ahli

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Ir. Mohd Khir bin Muhammad
Ir. Dr. Tan Chee Fai
Ir. Tuan Hj. Mohd Ali bin Yusoff
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Ir. Ong Ching Loon



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Jawatankuasa Tempatan Pengawasan dan Ko-ordinasi
Hal-Ehwal WFEO dan CEC
(IEM-WFEO/CEC Local Co-ordinating Committee)**

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Ir. David Lai Kong Phooi

Ahli-Ahli
Ir. Mohd Khir bin Muhammad
Ir. Ong Ching Loon

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Jawatankuasa Tempatan Pengawasan dan Ko-ordinasi
FEIIC
(IEM-FEII Local Co-ordinating Committee)**

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Ahli-Ahli
Ir. Tuan Hj Mohamed Ali bin Yusoff
Ir. Ellias bin Saidin
Ir. Mohd Khir bin Mohammad
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YBhg. Dato' Lt. Gen (B) Ir. Ismail Samion
Ir. Roznan bin Abdul Rashid

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Ahli-Ahli
Ir. Mohd Khir bin Muhammad
Ir. Dr. Tan Chee Fai

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Jurutera ASEAN
(ASEAN Engineers Register National Monitoring Committee)**

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Timbalan Pengerusi
Ir. Fam Yew Hin

Ahli-Ahli
Ir. Ishak bin Abdul Rahman
Ir. Tuan Hj Mohamed Ali bin Yusoff
Ir. Gunasagaran a/l Kristnan
Ir. Mohd Khir bin Muhammad
Ir. Lee Boon Chong
Ir. Yam Teong Sian
YBhg. Dato' Ir. Kapt. (B) Hj. Anuar bin Yahya
Ir. Prof. Dr. Norlida binti Buniyamin (*Ex-Officio*)

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(IEM representation on FEIAP)**

Bekas Yang Dipertua FEIAP
YBhg. Academician Dato' Ir. Prof. Dr. Chuah Hean Teik

Setiausaha Agung FEIAP
Ir. Dr. Tan Yean Chin

Wakil IEM
Ir. David Lai Kong Phooi
Ir. Mohd Khir bin Muhammad

**HAL HAL KORPORAT/CORPORATE AFFAIRS
JAWATAN LUAR NEGERI/OVERSEAS
REPRESENTATION
Wakil IEM Ke AFEO
(IEM representation on AFEO)**

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Ir. David Lai Kong Phooi (*Yang DiPertua*)
Ir. Mohd Khir bin Muhammad (*Setiausaha Kehormat*)
Ir. Ong Ching Loon (*Wakil Pengganti Yang DiPertua*)

Wakil IEM di jawatan AFEO
Ir. Prof. Dr. Jeffrey Chiang Choong Luin
(*Setiausaha Agung AFEO*)
Ir. Mohd Khir bin Muhammad (*Bendahari Kehormat AFEO*)
Ir. Prof. Dr. Norlida binti Buniyamin
(*Ketua Suruhanjaya Pendaftaran AER*)
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Wakil IEM di jawatan AFEO
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Dr. Tony Ong Chong Yong Grad. IEM

Wakil IEM di jawatan WE-AFEO
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Ir. Rosnelawati binti Hj Ismail

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PERSIDANGAN AGUNG FEIAP KE 26 DAN SYARAHAN
KEHORMAT 2018
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Dr. Chew Cheng Sim (*Wakil MPSC*)
En. Shaifubahrim Mohd Saleh (*Wakil MPSC*)
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Mr. Jason Leong Hin Yew Grad. IEM
Mr. Bryan Ng Horng Heng Grad. IEM
Mr. Chin Woon Kheong Grad. IEM
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Wakil IEM di APCChe
IEM Overseas Representative in APCChe
Ir. Prof. Dr. Dominic Foo Chwan Yee



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REPRESENTATION
Wakil IEM ke WFEO/CEC
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Yang Dipertua sebagai Wakil IEM
Ir. David Lai Kong Phooi

Setiausaha Kehormat Wakil IEM
Ir. Mohd Khir bin Muhammad

Wakil IEM Pengganti
Ir. Ong Ching Loon

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JAWATAN LUAR NEGERI/OVERSEAS
REPRESENTATION
Wakil IEM ke FEIIC
(IEM representation on FEIIC)**

Wakil IEM
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Jawatankuasa Pindaan Perlembagaan dan Undang-
Undang Kecil IEM
(Special Committee on Amendments to the IEM Constitution
and Bylaws)**

Pengerusi
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Ahli-Ahli

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Mr. Khaw Wei Chuen Grad. IEM (*Co-opted*)

Ms. Phang Siew Wei Grad. IEM (*Co-opted*)

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Timbalan Pengerusi

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Penasihat

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Setiausaha / Bendahari

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Kapt. (B) Ir. Hj. Anuar bin Hj. Yahya (*Co-opted*)

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Setiausaha / Bendahari

Ir. Dr. Mui Kai Yin

Penasihat

Ir. Bhuvendhraa Rudrusamy

Ahli-Ahli

Ir. Bernard Lim

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Mr. Tiong Teck Chai

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Mr. Sivarama Rukumangatha Rajah

Dr. Yeap Gik Hong

Ir. Dr. Lee Meng Chuan

Ir. Dr. Wong Yew Hoong *(Co-opted)*

Azwati binti Azmin *(Co-opted)*

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Dr. Tan Eng Hwang (John) *(Co-opted)*

BAHAGIAN TEKNIK KEJURUTERAAN MEKANIKAL

(Mechanical Engineering Technical Division)

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Timbalan Pengerusi

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Setiausaha / Bendahari

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Penasihat

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Ahli-Ahli

Ir. Tajul Ariffin bin Mohamed Nori

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Ir. Soh Wee Chong

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Mr. Raghieb Fasih Azmi Grad. IEM

Mr. Liew Chee Long Grad. IEM

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(Civil and Structural Engineering Technical Division)

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Timbalan Pengerusi

Ir. Low Kai Wah

Setiausaha / Bendahari

Ir. Lo Seng Ling

Penasihat

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Ahli-Ahli

Ir. Yasotha Ramachandran Chetty

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Ir. Jimmy Wan Yoon Hin

Dr. Sudharshan Naidu a/l Raman Grad. IEM

Mr. Yeo Shih Hong Grad. IEM

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Ir. Hooi Wing Chuen *(Co-opted)*

Ir. David Ng Shiu Yuen *(Co-opted)*

Ir. Prof. Dr. Mohd Zamin bin Jumaat *(Co-opted)*

Dr. Ng Beng Hooi *(Co-opted)*

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Pengerusi

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Timbalan Pengerusi

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Setiausaha / Bendahari

Ir. Sofia Johari

Penasihat

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Ahli-Ahli

Ir. Leong Hon Wah

Ir. Ung Ah Hock

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Ir. Al-Khairi Mohd Daud

Ir. Thevarajan G. Shanmugan

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Ir. Loo Wen Siang *(Co-opted)*

Ir. Yong Gee Suan *(Co-opted)*

Ms. Irin Kang Grad. IEM *(Co-opted)*

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(Highway and Transportation Engineering Technical Division)

Pengerusi

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Timbalan Pengerusi

Ir. Assoc. Prof. Dr. Khoo Hooi Ling

Setiausaha / Bendahari

Ir. Assoc. Prof. Edwin Goh Boon Hoe

Bekas Pengerusi

Ir. Chin Kar Keong

Penasihat Tetap

Ir. Gunasagaran a/l Kristnan

Ahli-Ahli

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Ir. Hj. Wan Abdul Rahman bin Wan Hassan

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Ir. Ong Sheng How *(Co-opted)*

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Timbalan Pengerusi

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Setiausaha / Bendahari

Ir. Teoh Boon Lai

Penasihat

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Ahli-Ahli

Ir. Fan Hong Poh

Ir. Jaya Chandar a/l Poloha Nadan

Ir. Daniel Lim Tian Lu

Ms. Sumeshini a/p Subramaniam Grad. IEM

Ir. Lee Heng Keng

Ir. Hooi Kam Seng

Ir. Wong Swee On (*Co-opted*)

Ir. Tan Teck Siong (*Co-opted*)

Ir. Lum Wai Choong (*Co-opted*)

Mr. Tan Yen Chen Grad. IEM (*Co-opted*)

Ir. Dr. Teo Fang Yenn (*Co-opted*)

Ir. Lim Yong Jian (*Co-opted*)

BAHAGIAN TEKNIK KEJURUTERAAN MINYAK, GAS DAN GALIAN

(*Oil, Gas and Mining Technical Division*)

Pengerusi

Ir. Roznan Abdul Rashid

Timbalan Pengerusi

Ir. Abdul Razak Yakob

Setiausaha / Bendahari

Ir. Lee Chang Quan

Penasihat

Ir. Mohd Azwira Mohd Azmi

Ahli-Ahli

Ir. Ahmad Rafidi Mohayiddin

Ir. Mohammad Adnan bin Sujan

Ms. Anati Aqilah binti Abdul Rahman

Ir. Fadhli Shazlan Abdul Rahman

Ir. Al-Khairi Mohd Daud

Mr. Muhamad Her Hj. Jantan

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

Ir. Look Keman Sahari (*Co-opted*)

Ir. Azril Azizi (*Co-opted*)

Ir. Danaraj a/l Chandrasegaran (*Co-opted*)

Ir. Davendren a/l Vereya (*Co-opted*)

BAHAGIAN TEKNIK KEJURUTERAAN PENDIDIKAN KEJURUTERAAN

(*Engineering Education Technical Division*)

Pengerusi

Ir. Assoc. Prof. Dr. Mohamed Thariq bin Haji Hameed Sultan

Timbalan Pengerusi

Ir. Dr. Shahrudin Muslimin

Setiausaha

Ir. Dr. Dhakshyani Ratnadurai

Penasihat

Ir. Prof. Dr. Mandeep Singh

Ahli-Ahli

Ir. Assoc. Prof. Dr Mohd Khair bin Hassan

Ir. Prof. Dr. Vinesh Thiruchelvam

Mr. Chua Yaw Long

Ir. Sukhairul Nizam bin Abdul Razak

Ir. Chew Weng Yuen

Ir. Dr. Balamurugan a/l Annamalai Gurunathan

Ir. Yong Hong Lee (*Co-opted*)

Dr. Anas bin Abdul Latif Grad. IEM (*Co-opted*)

Ir. Dr. Siva Kumar a/l Sivanesan Grad. IEM (*Co-opted*)

Dr. Lohgheswary a/p Nagarethinam Grad. IEM (*Co-opted*)

Ir. Mohd Hafzi Md Isa Grad. IEM (*Co-opted*)

BAHAGIAN TEKNIK PENGURUSAN PROJEK

(*Project Management Technical Division*)

Pengerusi

Ir. Vincent Wong Khien Ngie

Timbalan Pengerusi

Ir. Dr. Nor Azhar bin Mohd Arif

Setiausaha / Bendahari

Ir. Dr. Syuhaida Ismail

Penasihat

YBhg. Dato' Ir. Dr. Ahmad Anuar bin Othman

Ahli-Ahli

Ir. Chia Chee Weng, Derick

Ms. Prema a/p Sivanathan Grad. IEM

Dr. Teow Yeit Haan Grad. IEM

Ir. Noor Iziddin Abdullah bin Ghazali

Ir. Faizal Abdullah Sanusi

Ms. Ainarull Assikin binti Abdul Hadi Grad. IEM

Dr. Tan Kok Tong Grad. IEM (*Co-opted*)

Ir. Siti Fairus Hj. Zakaria (*Co-opted*)

Ir. Tan Ban Loong (*Co-opted*)

Mr. Mohd Hafiz bin Ahmad Grad. IEM (*Co-opted*)

BAHAGIAN TEKNIK KEJURUTERAAN TEROWONG DAN RUANG BAWAH TANAH

(*Tunnelling and Underground Space Technical Division*)

Pengerusi

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Timbalan Pengerusi

Ir. Dr Ooi Teik Aun

Setiausaha / Bendahari

Ir. Ong Sang Woh

Penasihat

Ir. Syed Rajah Hussain Shaib bin A.H.Mohd Haniff

Ahli-Ahli

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Ir. Chong Chi Koong

Ir. Dr. Rini Asnida Abdullah

Dr. Boon Chia Weng Grad. IEM

Ms. Nalini Ravichandran Grad. IEM

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Mr. Ang Ming Huei Grad. IEM (*Co-opted*)

Mr. Ong Chun Shan, David Grad. IEM (*Co-opted*)

Ir. Yee Thien Seng (*Co-opted*)


**KUMPULAN KECENDERUNGAN KHAS TEKNOLOGI
MAKLUMAT DAN KOMUNIKASI**

(Information and Communications Technology Special Interest Group)

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Timbalan Pengerusi

Ir. Phang Chee Man

Setiausaha / Bendahari

Ir. Yasser Asrul Ahmad

Penasihat

Ir. Lee Mun Poh

Ahli-Ahli

Ir. Foo Jong Wee

Dr. Hoh See Min Grad. IEM

Ir. Francis Tze Chuan Chee

Ir. Somasuntharam s/o Chinniah

Ir. Chien Fan Chee, Gary

Ir. Amir Hussein bin Jaafar *(Co-opted)*

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Dr. Pu Chuan Chin C.I.E.M *(Co-opted)*

Ir. Hor Kok Luen *(Co-opted)*

Ir. Dr Teow Yok Wooi, Matthew *(Co-opted)*

Mr. Chee Shai Choon Grad. IEM *(Co-opted)*

Ir. Tan Seng Khoon *(Bekas Pengerusi)*

Mr. Abdul Fattah bin Mohamed Yatim M.I.E.M
(Bekas Pengerusi)

Ir. Tejinder Singh *(Bekas Pengerusi)*

**BAHAGIAN TEKNIK KEJURUTERAAN MARIN DAN
SENIBINA KAPAL**

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Timbalan Pengerusi

Ir. Lim Leong Bok

Setiausaha / Bendahari

Ir. Teh Teoh Hai

Penasihat

Ir. Nik Mohd Hasmizie Nik Mohd

Ahli-Ahli

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Ahpandi bin Sulaiman (B)

Ir. Leong Yeow Kee

Ir. Assoc. Prof. Dr. Ching Yern Chee

First Admiral YBhg. Dato' Ir. Hj. Ahmad Murad
bin Hj. Omar (B) *(Co-opted)*

Ir. Prof. Dr. Mohd Rizal bin Arshad Grad. IEM *(Co-opted)*

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

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JURUTERA SEKTOR AWAM**

(Public Sector Engineers Special Interest Group)

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Timbalan Pengerusi

Ir. Boey Wei Lun, Francis

Setiausaha / Bendahari

Ir. Syed Rajah Hussain Shaib bin A.H. Mohd Haniff

Penasihat

YBhg Datuk Ir. Lt. Kol. Kamarulzaman Zainan (B)

Ahli-Ahli

YBhg First Admiral Dato' Ir. Hj. Ahmad Murad Hj. Omar

Ir. Bhupinder Singh Brar a/l Kirpal Singh Brar

Dr. Sang Yew Ngin Grad. IEM

Ir. Wan Mohd Azhar Hussein bin Wan Omar

Ir. Ng Choo Geon

YBhg Dato' Ir. Abd. Rahim bin Kaparawi

Ir. Shahidan bin Sudiman *(Co-opted)*

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Timbalan Pengerusi

Ir. Yim Hon Wa

Setiausaha / Bendahari

Ir. Ravindra Masilamoney

Penasihat

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Ahli-Ahli

Ir. Dr. Tan Chee Fai

Ir. Dr. Ooi Teik Aun

Ir. Lalchand a/l Gulabrai

Ir. Tejinder Singh

Ir. Chin Jik Leong

Ir. Nee Chow Yit

Ir. J. Kesavan *(Co-opted)*

Ir. Tejinder Singh *(Co-opted)*

Ir. Kamalesen Chandrasekaran *(Co-opted)*

Ir. Prof. Dr. Leong Wai Yie *(Co-opted)*

Mr. Dinesh Manoharan Grad. IEM *(Co-opted)*



BAHAGIAN SISWAZAH DAN SISWA

(Young Engineers Section/Graduate & Student Section)

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Mr. Yew Weng Kean Grad. IEM

Naib Pengerusi (I)

Mr. Abdul Aswad Abdul Latiff Grad. IEM

Naib Pengerusi (II)

Mr. Koh Yang Mun, Addison Grad. IEM

Setiausaha / Bendahari

Mr. Ong Chong Yong Grad. IEM

Penasihat

Ir. Dr. Jeyanthi Ramasamy

Bekas Pengerusi Terakhir

Mr. Tan Zhi Howe Grad. IEM

Ahli-Ahli

Mr. Cheah Khai Chun Grad. IEM

Ms. Tiang Kor Lin Grad. IEM

Mr. Kuugan Thangarajoo Grad. IEM

Sdr. Wong Chuen Yan

Mr. Lim Yiren Grad. IEM

Ms. Tan Wen Jia Grad. IEM

Mr. Teo Hock Meng *(Co-opted)*

Mr. Wasif Ali Khan *(Co-opted)*

Mr. Ng Zi Kent *(Co-opted)*

Mr. Tan Teck Ying *(Co-opted)*

Mr. Naveen Kumar *(Co-opted)*

Ms. Lee Jia Yi *(Co-opted)*

Ms. Denise Lim Hoon Hoon *(Co-opted)*

Sdr. Darshan a/l Balasubramaniam *(Co-opted)*

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BAHAGIAN JURUTERA WANITA

(Women Engineers Section)

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Ir. Rusnida binti Talib

Timbalan Pengerusi II

Ir. Tan Loo Yen

Setiausaha

Ir. Hajah Rosnelawati Haji Ismail

Bendahari

Ir. Noorfaizah Hamzah

Penasihat

Ir. Prof. Dr. Leong Wai Yie

Ahli-Ahli

Ir. Raftah Mahfar

Ir. Sharifah Azlina Raja Kamal

Ir. Suhana Abdul Majid

Ir. Yap Wai Leng

Ms. Michelle Lau Chui Chui Grad. IEM

Dr. Zahiraniza binti Mustafa Grad. IEM

Ms. Najiha binti Nadzru

Dr. Habibah Haron Grad. IEM

Ms. Melaty binti Ghazali Grad. IEM *(Observer)*

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(Seniors Special Interest Group)

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Timbalan Pengerusi

Ir. Lalchand a/l Gulaibrai

Setiausaha / Bendahari

Ir. Ng Kok Peng

Penasihat

Ir. Khor Hock Keat, Michael

Ahli-Ahli

Ir. Gong Ngie Dee

Ir. Lim Tong Voon

Ir. Chong Swee Choon

Ir. Ku Ping Hee

Ir. Chow Sei Ying, Raymond

Ir. Lim Ee Chui, Stephanie

Ir. Liao Chi Kuang *(Co-opted)*

Ir. Lee Sheu Tiong, Jeffrey *(Co-opted)*

Ms. Yvonne Fernandec *(Co-opted)*

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Timbalan Pengerusi

Ir. Tay Eng Cheong

Setiausaha

Ir. Ng Sean Lok

Penasihat

Ir. Dr. Wang Hong Kok

Ahli-Ahli

Ir. Jagjeet Singh Sidhu a/l Charan Singh

En. Azhar Azmi

Mr. Kenny Chia

Mr. Yee Keh Vin

Ir. Phillip Wong

Mr. Tay Tee Tiong *(Co-opted)*

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Ir. Tiu Jon Hui

Naib Pengerusi (II)

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Ir. Heng Lee Sun

Bendahari Kehormat

Ir. Tean Sze Nee

Ahli-Ahli

Ir. Dr. Yee Hooi Min

Ir. Dr. Leo Choe Peng

Ir. Chan Wah Cheong

Ir. Darren Khoo Jun Chieh

Ir. Bernard Lim Kee Weng

Ir. Charlie See Lam Aun

Ir. Chua Beng Seong

Ir. Rajendran a/l P. Anthony

Ir. Dr Tan Kim Hor

Ir. Teh Khian Beng

Bekas Pengerusi Terakhir

Ir. Ting Chek Choon

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Naib Pengerusi (I)

Ir. Jeffrey Ng Vun Ping

Naib Pengerusi (II)

Ir. Willy Chin Tet Fu

Setiausaha Kehormat

Ir. Hj. Ali Ahmad Hamid

Bendahari Kehormat

Ir. Mohd Yaakob bin Jaafar

Ahli-Ahli

YBhg. Dato' Ir. Chin Shu Ying

Ir. Andrew S.R. Amaladoss

Ir. Kenny Lok Chih Liang

Ir. Kevin Soo Zinc Shen

Ir. Tan Kok Jyh

Ir. Chan Kok Peng, Warrence

Ir. Chin Kit Yee

Ir. Michael Tay Tshung Wang

Bekas Pengerusi Terakhir

YBhg. Dato' Ir. Hj. Yahiya Ag. Kahar

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Naib Pengerusi (I)

Ir. Kamisan bin Turiman

Naib Pengerusi (II)

Ir. Wong Yee Foong

Setiausaha Kehormat

Ir. David Puen Ming Shen

Bendahari Kehormat

Ir. Chong Woei Heng

Ahli-Ahli

YBhg. Dato' Ir. Chuah Lam Siang

Ir. Liew Shu Fang

YBhg. Dato' Ir. Tay Yew Chong

Ir. Abu Bakar bin Abd Aziz

Mr. Tan Xian Hui (*Wakil YES*)**Bekas Pengerusi Terakhir**

Ir. Assoc. Prof. Hayati binti Abdullah

CAWANGAN NEGERI SEMBILAN*(Negeri Sembilan Branch)***Pengerusi**

Ir. Dr. Oh Seong Por

Naib Pengerusi (I)

Ir. Dr. Zarabizan bin Zakaria

Naib Pengerusi (II)

Ir. Mohd Azlan bin Othman

Setiausaha Kehormat

Ir. Hj. Abdul Rahim bin Sidek

Bendahari Kehormat

Ir. Chong Chee Yen

Ahli-Ahli

Ir. Richard Khoo Nee Keong

Ir. David Teh Wee Teck

Ir. Kanna Dasan Narayanasamy

Ir. Dr. Noorazizi bin Samsuddin

YBhg. Dato' Ir. Zainurin bin Hj. Karman

Bekas Pengerusi Terakhir

Ir. Tiong Ngo Pu

**CAWANGAN MELAKA***(Malacca Branch)***Pengerusi**

Ir. Sreedaran Raman

Naib Pengerusi (I)

Ir. Nur Fazil Noor Mohamed

Naib Pengerusi (II)

Ir. Dr. Puvanasvaran a/l A.Perumal

Setiausaha Kehormat

Ir. Ong Yee Pinn

Bendahari Kehormat

Ir. Ronnie Neo Hai Fun

Ahli-Ahli

Ir. Mohd. Afif bin Kasno

Ir. Mohd. Ariff bin A.Karim

Ir. Vellan V.Parumal

Ir. Ismail bin Abdul Rahman

Bekas Pengerusi Terakhir

Ir. Dr. Tan Chee Fai

CAWANGAN KEDAH-PERLIS*(Kedah/Perlis Branch)***Pengerusi**

Ir. Haji Abdulah bin Othman

Naib Pengerusi (I)

Ir. Haji Shahrom bin Man

Naib Pengerusi (II)

Ir. Roshasmawi bin Abd Wahab

Setiausaha Kehormat

Ir. Rosafizawati binti Suib

Bendahari Kehormat

Ir. Mukhlis bin Zainol Abidin

Ahli-Ahli

Ir. Jamaluddin bin Abdullah

Ir. Haji Ahmad Zukri B Mat Noh

Ir. Dr. Mohamad Shaiful Ashrul bin Ishak

Ir. Shahrul Hisham bin Samsudin

Ir. Rohaida binti Rashid

Bekas Pengerusi Terakhir

Ir. Prof. Dr. Haji Rezuwan bin Haji Kamaruddin

CAWANGAN PERAK*(Perak Branch)***Pengerusi**

Ir. Simon Yeong Chin Chow

Naib Pengerusi (I)

YBhg. Dato' Sri Ir. Dr. Liew Mun Hon

Naib Pengerusi (II)

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

Setiausaha Kehormat

Ir. Loh Ban Ho

Bendahari Kehormat

Ir. Wong Seak Wai

Ahli-Ahli

Ir. Dr. Chan Seong Phun

Ir. Zakaria Awang

Ir. Mohd Nasharuddin Bin Hashim

Ir. Suhaini Binti Ahmad

Ir. Cheong Wai Hao

Ir. Darren Chin Woon Kheong

Ir. Nick Liew Kar Hoe

Ir. Bryan Ng Horng Heng

Mr. Kho Kai Fei

Bekas Pengerusi Terakhir

Ir. Abdul Razak bin Ali

CAWANGAN PAHANG*(Pahang Branch)***Pengerusi**

YBhg. Dato' Ir. Sharuddin Bin Mohd Simin

Naib Pengerusi (I)

Ir. Roslan Bin Abd Rahman

Naib Pengerusi (II)

Ir. Abu Bakar Bin Md Sidek

Setiausaha Kehormat

Ir. Harzah Masni Binti Ramli

Bendahari Kehormat

Ir. Norbaiti Bin Jarabe

Ahli-Ahli

Ir. Ahmad Kamal Bin Kunji

Ir. Dr. Zahidy Bin Abdul Hamid

Ir. Muhammad Firdaus Bin Kamaruddin

Ir. Ismail Bin Mohamad

Ir. Kamal Azman Bin Abd Azis

Ir. Norbaiti Bin Jarabee

Ir. Ab. Rahman Bin Hashim

Ir. Azhani Binti Zukri

Ir. Tan Tai Nyee

Prof. Madya Chin Sim Yee

Ir. Assc. Prof. Dr. Nik Zuki Bin Nik Mohamed

Ir. Assc. Prof. Adnan Bin Zulkepli

Ir. Razali Bin Ahmad

Ir. Roslan Bin Abd Azis

Ir. Dr. Rashidi Bin Maarof

Ir. Mohd Azrul Nizam Bin Mohd Zahir

Ir. Syed Mohd Syawal Bin Syed Ahmad

Ir. Dr. Chin Siew Choo

Ir. Zakaria Bin Muhammad

Bekas Pengerusi Terakhir

YBhg. Dato' Ir. Hj. Abdul Jalil Bin Hj. Mohamed

**CAWANGAN TERENGANU***(Terengganu Branch)***Pengerusi**

Ir. Ir. Abdullah Zawawi Mohd Noor

Naib Pengerusi (I)

Dato' Ir. Wan Nazari bin Wan Jusoh

Naib Pengerusi (II)

Ir. Mazlan Che Ku Ahmad

Setiausaha Kehormat

Ir. Zakaria bin Abdullah

Bendahari Kehormat

Ir. Mohamad Yusri bin Mohamad Yacob

Ahli-Ahli

Ir. Ahmad Nazari bin Ashari

Ir. Ahmad bin Jusoh

Ir. Nina Imelda bt Mohamad Sulanah

Ir. Tengku Mamat bin Tengku Bakar

Ir. Mohd Zaideen bin Yusoff

Ir. Abdul Aziz bin Abdullah

CAWANGAN SARAWAK*(Sarawak Branch)***Pengerusi**

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Naib Pengerusi (I)

Ir. Tan Joo Kok, Johnny

Naib Pengerusi (II)

YBhg. Dato' Ir. Janang Ak Bungsu

Setiausaha Kehormat

Ir. Sim Hui Kheng, Stephanie

Bendahari Kehormat

Ir. Law Sie Ding, Jonathan

Ahli-Ahli

Ir. Lee Mei Ping

Ir. Yii Huong Swee, Justin

Ir. Dr. Liew San Chiun, Angela

Ir. Edna Matthew Ruji

Bekas Pengerusi Terakhir

Ir. Tang Chok Khing

CAWANGAN KELANTAN*(Kelantan Branch)***Pengerusi**

Ir. Abrizan bin Ab Kadir

Naib Pengerusi (I)

Ir. Shaipuddin bin Shapii

Naib Pengerusi (II)

Ir. Meor Shamshir bin Meor Zulkefli Auni

Setiausaha Kehormat

Ir. Mohd Zaidi bin Che Mod

Bendahari Kehormat

Ir. Abu Hanifah bin Yusof

Ahli-Ahli

Lt. Ir. TG. Iskandar bin TG. Ismail

Ir. Rosmee bin Abdul Rahman

Ir. Awang @ Abdul Halim bin Taib

Ir. Amrul Hafiz bin Ashari

CAWANGAN*(Miri Branch)***Pengerusi**

Ir. Prof. Dr. Lau Hieng Ho

Naib Pengerusi (I)

Ir. Tian Foon Howe

Naib Pengerusi (II)

Ir. Lim Chye Ing

Setiausaha Kehormat

Ir. Meheron Salowara Joo

Bendahari Kehormat

Ir. Sean Wong Siong Ung

Ahli-Ahli

Ir. Chong Boon Hui

Ir. Lucas Loh Ted San

Ir. William Chien Hui Liang

Ir. Lau Chuang Bing

Bekas Pengerusi Terakhir

Ir. Paul Chiew Lik Ing



JAWATANKUASA PENGELOLA

**Jawatankuasa Pengelola Pertandingan “CHEM-E-CAR
Kebangsaan KE 14” 2019**

*(Organising Committee for 14th Malaysian Chem-E-Car
Competition 2019)*

Pengerusi

Assoc. Prof. Dr. Nooryusmiza Yusoff

Ahli-Ahli

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Mr. Abdul Hakim Hj. Abu Bakar
Dr. Mohd Shahbudin bin Masdar
Ir. Razmahwata bin Mohamad Razalli
Mr. Mohd Fauzi Zanil
Dr. Ma'an Fahmi Rashid Al - Khatib (*sending representative*)
Dr. Muhammad Syafiq Hazwan B Ruslan
Dr. Muhamad Fazly Abdul Patah
Dr. Azizul Helmi bin Sofian
Mr. Mohd Badrulhaswan bin Besar
Dr. Faye Siew Hui Chong
Dr. Wong Voon Long
Dr. Soundarajan Krishnan
Dr. Teoh Wen Hui

JAWATANKUASA PENGELOLA

**Jawatankuasa Pengelola Pertandingan Rekabentuk IEM
2018/2019**

(Organising Committee on Design Competition 2018/2019)

Pengerusi

Dr Hazlina bt Husin

Timbalan Pengerusi

Ir. Dr. Chong Chien Hwa

Ahli-Ahli

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Ir. Thayanathan Balakrishnan
Ir. Prof. Dr. Dominic Foo Chwan Yee
Ir. Prof. Dr. Thomas Choong Shean Yaw
Ir. Razmahwata bin Mohamad Razalli
Dr. Noor Yusmiza bin Yusoff Grad. IEM
Mr. Kon Kee Jun Grad. IEM
Mr. Lee Teck Lii Grad. IEM (*Co-opted*)
Mr. Khaw Wei Chuen Grad. IEM (*Co-opted*)
Ms. Phang Siew Wei Grad. IEM (*Co-opted*)

JAWATANKUASA ULASAN

Jawatankuasa Ulasan “Pengurusan ISO”

(IEM Management Review Committee for ISO)

Pengerusi

Ir. David Lai Kong Phooi

Timbalan Pengerusi

Ir. Ong Ching Loon

Ahli-Ahli

Ir. Prof. Dr. Ruslan Hassan
Ir. Lai Sze Ching
Ir. Lee Boon Chong
Ir. Prof. Dr. Norlida Buniyamin
Ir. Prof. Dr. Jeffrey Chiang Choong Luin
Ir. Ellias Saidin
Ir. Gopal Narian Kutty
Ir. Mohd Khir bin Muhammad
Ir. Dr. Tan Chee Fai
Ir. Chen Harn Shean
Ir. Fam Yew Hin
Ir. Gunasagaran a/l Kristnan
Ir. Dr. Jeyanthi Ramasamy
Ir. Dr. Lee Yun Fook
Ir. Prof. Dr. Leong Wai Yie
Ir. Yam Teong Sian
Ir. Yau Chau Fong

JAWATANKUASA KO-ORDINASI

Pasukan Bertindak

(Position Paper Co-ordinating Committee)

Pengerusi

Ir. Ong Ching Loon

Ahli-Ahli

Ir. Mohd Khir bin Muhammad
YBhg. Dato' Amir Bashah Mohd Ismail
Ir. Chong Chew Fan
Mr. Alex Looi Tink Huey
YBhg. Dato' Ir. Nor Hisham bin Mohd Ghazali
Mr. Steven Toh Chin Kok

**Jawatankuasa Penilaian/Pengadilan atas Cadangan
untuk Anugerah**

*(Judging/Evaluation Committee on Recommendation for
Awards)*

Pengerusi

Ir. Dr. Tan Yean Chin

Ahli-Ahli

Ir. Dr. Lee Yun Fook
Ir. Fam Yew Hin
Ir. Lim Kim Ten
Ir. Prof. Dr. Lee Tin Sin
Ir. Mah Siew Kien
Ir. Yew Weng Kean
Ir. Chong Chee Meng
Ir. Chong Chew Fan (*Council Member*)
Ir. Loo Chee Kin (*Council Member*)



JANUARY - DECEMBER 2018

STANDING COMMITTEE ON PROFESSIONAL PRACTICE

No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee	
1	Academy of Sciences Malaysia (ASM)	Dialogue / Meetings:	Vetting Committee Meeting for Engineering Sciences Discipline	Dato' Ir. Lim Chow Hock	0/1	15/2/18	Excomm
2	Balai ikhtisas Malaysia (BIM) / Malaysian Professional Centre	Dialogue / Meetings:	Board of Management (BoM) Meeting (2) 2017/2018	Dato' Ir. Lim Chow Hock Ir. Gunasagaran Kristnan Ir. Yau Chau Fong	0/1 1/1. 0/1	27/2/18	Excomm CA CA
			BIM Life-Time Achievement Award - Special Meeting	Ir. Gunasagaran Kristnan Ir. Yau Chau Fong	1/1. 0/1	3/5/18	CA CA
			The 45th Annual General Meeting, AGM: (45) 2018/2019	Dato' Ir. Lim Chow Hock Ir. Gunasagaran Kristnan Ir. Yau Chau Fong	1/1. 1/1. 1/1.	24/7/18	Excomm CA CA
3	Board of Engineers Malaysia (BEM)	Dialogue / Meetings:	Mesyuarat Majlis Akreditasi Teknologi Kejuruteraan (ETAC) No. 1. 2017-2018	Ir. Dr. Leong Wai Yie	1/1.	15/3/18	Excomm
4	Building Industry Presidents' Council (BIPC)	Dialogue / Meetings:	46th BIPC Meeting	Ir. Dr. Tan Yean Chin Ir. David Lai Kong Phooi Ir. Lai Sze Ching Ir. Ong Ching Loon	1/1. 0/1 1/1. 0/1	26/2/18	Excomm Excomm Excomm Excomm
			47th BIPC Meeting	Ir. David Lai Kong Phooi Ir. Ong Ching Loon Ir. Cheang Kok Meng	0/1 0/1 1/1.	26/4/18	Excomm Excomm -
5	Building Management Association of Malaysia (BMAM)	Dialogue / Meetings:	25th Meeting of The Executive Committee Of The Building Management Association Of Malaysia (BMAM)	Ir. Lee Weng Onn Ir. Yong Kee Chiang	0/1 1/1.	14/8/18	Excomm CA
			26th Meeting of The Executive Committee Of The Building Management Association Of Malaysia (BMAM)	Ir. Lee Weng Onn Ir. Yong Kee Chiang	0/1 1/1.	12/11/18	Excomm CA
6	Confederation of Scientific and Technological Associations in Malaysia (COSTAM)	Dialogue / Meetings:	COSTAM Council Meeting #1/2018	Ir. Chong Chew Fan (main rep.) Ir. Dr. Tan Chee Fai (alt. rep)	0/1 0/1	5/5/18	CA CA
			34th Annual General Meeting of COSTAM	Ir. Chong Chew Fan (main rep.) Ir. Dr. Tan Chee Fai (alt. rep)	1/1. 0/1	24/11/18	CA CA
7	Construction Industry Development Board [CIDB] Malaysia	Dialogue / Meetings:	Teknikal Pembangunan Penerbitan Berkala CIDB Construction Law Report 2017 (TC-CLR 2017) No. 1/2018	Ir. Lai Sze Ching	1/1.	15/1/18	PPC
			Teknikal Pembangunan Penerbitan Berkala CIDB Construction Law Report 2017 (TC-CLR 2017) No. 2/2018	Ir. Lai Sze Ching	0/1	5/3/18	PPC
			Teknikal Pembangunan Penerbitan Berkala CIDB Construction Law Report 2017 (TC-CLR 2017) No. 3/2018	Ir. Lai Sze Ching	1/1.	3/5/18	PPC



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		Jawatankuasa Teknikal bagi Pembangunan Standard Industri Pembinaan (CIS) bagi Falsework in Construction - Bil. 3/2018	Ir. Lee Kee Bau	0/1	18/1/18	CSETD
		Jawatankuasa CITP Initiative Working Group 10 (CITP-IWG10/P3-IBS - Industrialised Building System) Bil. 2/2018	Ir. Hooi Wing Chuen	1/1.	19/1/18	CSETD
		Jawatankuasa CITP Initiative Working Group 10 (CITP-IWG10/P3-IBS - Industrialised Building System) Bil. 3/2018	Ir. Hooi Wing Chuen	1/1.	20/4/18	CSETD
		Jawatankuasa CITP Initiative Working Group 10 (CITP-IWG10/P3-IBS - Industrialised Building System) Bil. 4/2018	Ir. Hooi Wing Chuen	0/1	8/6/18	CSETD
		CITP Initiative Working Group on Malaysian Standard CESMM (CITP- IWG17/11c-MSCESMM) Bil. 5/2018	<i>No representative</i>		1/10/18	
		Jawatankuasa CITP Initiative Working Group 19 (CITP-IWG19/Q5 - Integrity) Bil. 1/2018	Ir. Yam Teong Sian	0/1	7/5/18	PPC
		Jawatankuasa Teknikal Pembangunan Standard Industri Pembinaan CIS 21: 2014 Ready Mix Concrete No. 1	Ir. Gunasagaran Kristnan	1/1.	6/2/18	PPC
		Jawatankuasa Teknikal Pembangunan Standard Industri Pembinaan CIS 21: 2014 Ready Mix Concrete No. 2	Ir. Gunasagaran Kristnan	1/1.	13-15/4/18	PPC
		Persidangan Jawatankuasa Teknikal Pembangunan Standard Industri Pembinaan CIS 21: 2014 Ready Mix Concrete No.2	Ir. Gunasagaran Kristnan	0/1	24/4/18	PPC
		Penganjuran ICW 2018 - Jemputan Sesi Taklimat Mengenai Program-Program yang akan Dianjurkan Semasa ICW 2018	Ir. Dr. Cheong Thiam Fook Ir. Fam Yew Hin Ir. Syed Nequib bin Syed Muhamed	1/1. 0/1 1/1.	12/2/18	MDP, APT MDP, APT METD
		Pembangunan Standard Industri Pembinaan (CIS) bagi Safe Use of Falsework and Formwork in Construction (Mesyuarat Jawatankuasa Teknikal Bil. 4)	Ir. Lee Kee Bau	1/1.	27/2/18	CSETD
		Mesyuarat Berkaitan Garis Panduan Pengurusan Risiko Keselamatan Pembinaan (Construction Safety Risk Management)	Ir. Gunasagaran Kristnan	1/1.	16/4/18	PPC
		Mesyuarat Padanan Perniagaan (Business Meeting) Bersempena Minggu Pembinaan Antarabangsa (ICW) 2018 (Pre-Meeting)	Ir. David Lai Kong Phooi Ir. Yam Teong Sian	1/1. 1/1.	20/3/2018	Excomm CA
		Mesyuarat Padanan Perniagaan (Business Meeting) Bersempena Minggu Pembinaan Antarabangsa (ICW) 2018 (Meeting)	Ir. David Lai Kong Phooi Ir. Yam Teong Sian Ir. Cheang Kok Meng	0/1 1/1. 1/1.	28/3/18	Excomm CA -
		CITP Initiative Working Group on Sustainable Ratings (CITP-IWG6/E1&E2 - Sustainable Ratings) #5/2018	Dato' Ir. Lim Chow Hock	0/1	24/4/18	Excomm
		CITP Initiative Working Group on Sustainable Ratings (CITP-IWG6/E1&E2-Sustainable Ratings) #6/2018	Dato' Ir. Lim Chow Hock	0/1	23/7/18	Excomm
		TC - MyCESMM 2 TK No. 6	Ir. Gunasagaran Kristnan Ir. Hj. Shahul Ikram bin Adnan	1/1. 1/1.	12/4/18	PPC (SC on EC) PPC (SC on EC)
		Jawatankuasa Penilai Anugerah Kecemerlangan Industri Pembinaan (MCIEA 2018) - BIL (0/18) - Kategori Anugerah Projek Terbaik (Infrastruktur)	Ir. Yam Teong Sian	1/1.	15/5/2018	PPC
		Jawatankuasa Panel MCIEA 2018 Anugerah Bangunan Hijau Bil. 1/2018	Ir. Chong Chew Fan	1/1.	8/5/18	PPC
		Jawatankuasa Panel MCIEA 2018 Anugerah Bangunan Hijau Bil. 2/2018 - Sesi Pembentangan	Ir. Chong Chew Fan	1/1.	6/6/18	PPC



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		Mesyuarat Jawatankuasa Kerja - CIDB Fellowship Award 2018	Ir. Gunasagaran Kristnan	1/1.	7/6/18	PPC
		Mesyuarat Jawatankuasa Kerja - CIDB Fellowship Award 2018	Ir. Gunasagaran Kristnan	1/1.	3/7/2018	PPC
		MESYUARAT JAWATANKUASA TEKNIKAL BAHAN BINAAN (JTBB) CIDB BIL 1/2018	Ir. Gunasagaran Kristnan	0/1	8/6/2018	PPC
		Mesyuarat Persediaan Padanan Perniagaan (Business Meeting) Bersempena Minggu Pembinaan Antarabangsa (ICW) 2018	Ir. Yam Teong Sian	0/1	20/3/18	CA
		Mesyuarat Padanan Perniagaan (Business Meeting) Bersempena Minggu Pembinaan Antarabangsa (ICW) 2018	Ir. Yam Teong Sian	1/1.	28/3/18	CA
8	Construction Research Institute of Malaysia (CREAM)					
	Dialogue / Meetings:	Bengkel Jawatankuasa Kerja Teknikal (Working Group Committee) Bil. 1/2018 bagi Projek Pembangunan Roadmap on Geotechnical with More Emphasis in Peat and Organic Soils in Malaysian Construction Industry 2018-2022	Ir. Gunasagaran Kristnan	1/1.	22/2/18	PPC
		Mesyuarat Berkenaan Spesifikasi Paip Berdasarkan Dokumen Standard MS 2286-2:2012 - Plastics Piping Systems for Hot and Cold Water Installations-Polypropylene (PP) - Part 2: Pipes	Ir. Gary Lim Eng Hwa Ir. Ung Ah Hock	0/1 1/1.	28/2/18	BSTD BSTD
		Mesyuarat Majlis Standard dan Akreditasi Malaysia (MSDAM) Bil. 1/2018	Ir. David Lai Kong Phooi Ir. Ong Ching Loon	1/1. 0/1	23/4/18	Excomm Excomm
		Mesyuarat Majlis Standard dan Akreditasi Malaysia (MSDAM) Bil. 2/2018	Ir. David Lai Kong Phooi	1/1.	5/12/18	Excomm
		Mesyuarat Jawatankuasa Standard Kebangsaan(MyNSC) Bil. 1/2018	Ir. David Lai Kong Phooi Ir. Ong Ching Loon	1/1. 0/1	17/4/18	Excomm Excomm
		Mesyuarat Jawatankuasa Standard Kebangsaan(MyNSC) Bil. 2/2018	Ir. David Lai Kong Phooi	1/1.	13/9/18	Excomm
		Mesyuarat Jawatankuasa Kebangsaan International Electrotechnical Commission, IEC (MyENC) Bil. 1/2018	Ir. Lim Kim Ten (main rep) Ir. Chong Chew Fan (alt. rep)	1/1. 0/1	17/4/18	EETD EETD
		Mesyuarat Jawatankuasa Kebangsaan International Electrotechnical Commission, IEC (MyENC) Bil. 2/2018	Ir. Lim Kim Ten (main rep) Ir. Chong Chew Fan (alt. rep)	1/1. 0/1	14/9/18	EETD EETD
		National IECEx Management Committee, ExMC Bil. 1/2018	Ir. Loo Chee Kin Ir. Faridon bin Talib Mr. Looi Tink Huey, Alex	1/1. 0/1. 1/1.	20/8/18	EETD EETD EETD
		National IECEE CB Management Committee, CBMC Meeting Bil. 1/2018	Ir. Lee Cheng Pay Dr. Siow Chun Lim, Charles	0/1 1/1.	5/9/18	EETD EETD
10	Eastern Regional Organization for Planning and Human Settlements (EAROPH)					
	Dialogue / Meetings:	EAROPH Malaysia Protem Committee Meeting (No. 1/2018)	Ir. Yam Teong Sian Ir. Gopal Narian Kutty	1/1. 0/1	9/1/18	PPC ACT
		EAROPH Malaysia Council Meeting (No. 1/2018)	Ir. Yam Teong Sian Ir. Gopal Narian Kutty	1/1. 0/1	21/3/18	PPC ACT
		EAROPH Malaysia Council Meeting (No. 2/2018)	Ir. Yam Teong Sian	1/1.	25/4/18	PPC
		EAROPH Malaysia Council Meeting (No. 3/2018)	Ir. Yam Teong Sian Ir. Gopal Narian Kutty	1/1. 0/1	22/5/18	PPC ACT
		EAROPH Malaysia Council Meeting (No. 4/2018)	Ir. Yam Teong Sian Ir. Gopal Narian Kutty	1/1. 0/1	19/7/18	PPC ACT
		EAROPH Malaysia Council Meeting (No. 5/2018)	Ir. Yam Teong Sian Ir. Gopal Narian Kutty	0/1 0/1	28/8/18	PPC ACT



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		EAROPH Malaysia Council Meeting (No. 6/2018)	Ir. Yam Teong Sian Ir. Gopal Narian Kutty	0/1 0/1	21/11/18	PPC ACT
		10th Annual General Meeting (AGM) of EAROPH Malaysia Chapter	Ir. Yam Teong Sian Ir. Gopal Narian Kutty	1/1. 0/1	25/1/18	PPC ACT
11	IEM Negeri Sembilan Branch					
	Dialogue / Meetings:	IEM Negeri Sembilan Branch 25th Annual General Meeting (AGM)	Ir. Ong Ching Loon	1/1.	30/6/18	Excomm
12	Infrastructure University Kuala Lumpur (IUKL)					
	Dialogue / Meetings:	IUKL Board of Governors Meeting #46/2018 (01)	Dato' Ir. Lim Chow Hock	1/1.	23/4/18	Excomm
13	Institut Kimia Malaysia / Malaysian Institute of Chemistry (IKM)					
	Dialogue / Meetings:	Meeting 1/2018 (Review Meeting) of the Technical Committee on Soil Quality	Ir. Yong Hong Liang	1/1.	19/4/18	AFETD
14	Institution of Geospatial and Remote Sensing Malaysia (IGRSM)					
	Dialogue / Meetings:	Steering Committee for the 9th IGRSM International Conference and Exhibition on Geospatial & Remote Sensing (IGRSM 2018)	Ir. Dr. Tan Yean Chin	0/1	7/2/18	Excomm
15	Institute of Labour Market Information and Analysis / Institusi Maklumat Dan Analisis Pasaran Buruh (ILMIA)					
	Dialogue / Meetings:	Mesyuarat Jawatankuasa Teknikal Kajian National Employment Returns (NER) Survey 2018	Ir. Cheang Kok Meng Ir. Elias bin Saidin Ir. Dr. Tan Chee Fai	1/1. 0/1 0/1	26/3/18	PPC WEL WEL
		Mesyuarat Jawatankuasa Pemandu Kajian National Employment Returns (NER) Survey 2018	Ir. Cheang Kok Meng Ir. Elias bin Saidin Ir. Dr. Tan Chee Fai	0/1 0/1 0/1	20/4/18	- WEL WEL
		Mesyuarat Jawatankuasa Pemandu Kajian Environmental Scan for the Human Capital Issues within the Professional Services Activities Sector	Ir. Gunasagaran Kristnan Ir. Cheang Kok Meng	0/1 0/1	7/6/18	WEL -
		Sesi Perbincangan Kumpulan Berfokus untuk Kajian "Developing Multi-Tier Levy - Malaysian Case Study"	Ir. Gunasagaran Kristnan Ir. Cheang Kok Meng	0/1 0/1	15/5/18	WEL -
		Jemputan Menghadiri Sesi TOWN HALL UNTUK KAJIAN 'DEVELOPING MULTI-TIER LEVY: MALAYSIAN CASE STUDY'	Ir. Gunasagaran Kristnan	1/1.	10/7/18	WEL
		Mesyuarat Jawatankuasa Pemandu Kajian National Employment Returns (NER) 2018, Kajian Environmental Scan (ES) for the Human Capital Issues within the Maritime (Shipbuilding and Ship Repair - SBSR) Sector and Professional Services Activities Sector	Ir. Gunasagaran Kristnan Ir. Roznan bin Abdul Rashid	0/1 0/1	14/9/18	PPC MNATD
		Mesyuarat Jawatankuasa Teknikal Laporan Draft Final: Kajian National Employment Returns (NER) Survey 2018, Kajian Environmental Scan for the Human Capital Issues within the Maritime (Shipbuilding and Repair - SBSR) Sector dan Professional Services Activities Sector	Ir. Roznan bin Abdul Rashid	1/1.	2/10/18	MNATD
		Mesyuarat Jawatankuasa Teknikal Laporan Akhir: Kajian National Employment Returns (NER) Survey 2018, Kajian Environmental Scan for the Human Capital Issues within the Maritime (SHIPBUILDING AND SHIP REPAIR – SBSR) Sector dan Professional Services Activities Sector	Ir. Roznan bin Abdul Rashid	1/1.	31/10/18	MNATD



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		Mesyuarat Jawatankuasa Pemandu Kajian NER Survey 2018, Kajian ES for the Human Capital Issues Within the Maritime (SBSR) Sector dan Professional Services Activities Sector	Ir. Roznan bin Abdul Rashid	1/1.	2/11/18	MNATD
16	Jabatan Bomba & Penyelamat Malaysia / Fire and Rescue Department Malaysia					
	Dialogue / Meetings:	Mesyuarat Perbincangan di Antara JBPM dan Badan Profesional - Semakan Semula Jadual ke-10 UBBL 1984 (Pindaan 2012)	Ir. Thin Choon Chai Ir. Wong See Foong Ir. Tan Chew Ir. Cha Hoong Kum Ir. Daniel Lim Kim Chuan Ir. Gary Lim Eng Hwa	1/1. 1/1. 1/1. 1/1. 1/1. 1/1.	13/4/18	PPC (FAB) PPC (FAB) PPC (FAB) PPC (FAB) PPC (FAB) PPC (FAB)
		Sesi Dialog Jabatan Bomba dan Penyelamat Negeri Selangor Bersama Profesional (Arkitek / Perunding) Bagi Sesi 1/2018	Ir. Thin Choon Chai Ir. Cha Hoong Kum Ir. Gary Lim Eng Hwa Ir. Dr. Hee Choi Ir. Yim Hon Wa Ir. Yeoh Jit Shiong Ir. Daniel Lim Kim Chuan Ir. Soong Peng Soon Ir. Dr. Tan Chee Fai Ir. Tan Chew Ir. Low Kai Wah Ms. G. Marahathananggai a/p Govindan, Grad. IEM Ir. Ong Sheng How	1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 0/1	10/4/18	PPC (FAB) PPC (FAB) PPC (FAB) PPC (FAB) PPC (FAB) PPC (FAB) PPC (FAB) PPC (FAB) PPC (FAB) PPC (FAB) PPC (FAB) PPC (FAB) HTETD
17	Jabatan Ketua Pengarah Tanah dan Galian Persekutuan (JKPTGP)					
	Dialogue / Meetings:	Mesyuarat Penyelarasan Pemakaian Peringkat Struktur Utama / Super Structure Stage (SSS) bagi Permohonan Hakmilik Strata	Ir. Gunasagaran Kristnan	1/1.	23/1/18	PPC
18	Jabatan Meteorologi Malaysia (JMM)					
	Dialogue / Meetings:	Mesyuarat Jawatankuasa Kecil Penyelarasan Penyelidikan Gempa Bumi Dan Tsunami Kali Ke-23	Ir. Mun Kwai Peng	0/1	5/4/18	CSETD
		Mesyuarat Jawatankuasa Kecil Penyelarasan Penyelidikan Gempa Bumi Dan Tsunami Kali Ke-24	Ir. Mun Kwai Peng	0/1	8/11/18	CSETD
		Mesyuarat Jawatankuasa antara Agensi Mengenai Pengurusan Risiko Gempa Bumi dan Tsunami Kali Ke-38	Ir. Mun Kwai Peng	1/1.	18/5/18	CSETD
19	Kementerian Perumahan & Kerajaan Tempatan (KPKT)					
	Dialogue / Meetings:	Status Kemajuan Penambahbaikan Manual OSC 3.0	Ir. Gunasagaran Kristnan	1/1.	12/1/18	PPC
		Mesyuarat Jawatankuasa Teknikal Task Force Penambahbaikan Manual OSC 3 Plus	Ir. Gunasagaran Kristnan Ir. Yim Hon Wa	0/1 0/1	18/4/18	PPC PPC
		Mesyuarat Jawatankuasa Teknikal Task Force Penambahbaikan Manual OSC 3 Plus	Ir. Gunasagaran Kristnan Ir. Yim Hon Wa	1/1. 0/1	8/6/18	PPC PPC
		Mesyuarat Manual OSC 3 Plus - Pelan Bangunan & Pelan Kejuruteraan	Ir. Gunasagaran Kristnan Ir. Yim Hon Wa	1/1. 0/1	27/9/18	PPC PPC
		Mesyuarat OSC 3 Plus bersama Badan Profesional dan Agensi Teknikal Luaran	Ir. Gunasagaran Kristnan Ir. Yim Hon Wa	0/1 0/1	13/11/18	PPC PPC
		Perjumpaan Ketua Setiausaha Kementerian Kesejahteraan Bandar, Perumahan Dan Kerajaan Tempatan Bersama Pegawai-Pegawai Agensi Teknikal Luaran Dan Stake Holders	Ir. Gunasagaran Kristnan Ir. Yim Hon Wa	1/1. 1/1.	3/4/18	PPC PPC
		Bengkel Task Force Bersama Agensi Teknikal Luaran dan Pihak Berkuasa Tempatan bagi OSC 3 Plus	Ir. Gunasagaran Kristnan Ir. Yim Hon Wa	0/1 1/1.	14-15/5/18	PPC PPC



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		Sesi Focus Group Discussion (FGD) bagi Kajian Bandar Pintar Malaysia Siri 1 Tahun 2018	Ir. Gunasagaran Kristnan Ir. Yim Hon Wa	1/1. 0/1	11-12/6/18	PPC PPC
		Mesuarat Penyelaras Modul Latihan Bagi KPI No. 39 CITP: IWG 6 BY LAW NO. 38A ON ENERGY EFFICIENCY IMPLEMENTATION BY 20 LOCAL AUTHORITIES BY Q4 2020	Ir. Yau Chau Fong	1/1	7/9/18	PPC
		Focus Group on Dealing with Construction Permits (FGDCP) #1/2018	Ir. Gunasagaran Kristnan Ir. Yim Hon Wa	0/1 0/1	7/9/18	PPC PPC
		Focus Group on Dealing with Construction Permits (FGDCP) #2/2018	Ir. Gunasagaran Kristnan Ir. Yim Hon Wa	0/1 1/1.	10/29/18	PPC PPC
		Mesuarat Jawatankuasa Teknikal Task Force - Kertas Kerja Penambahbaikan OSC 3.0 : OSC 3 Plus	Ir. Gunasagaran Kristnan	0/1	18/7/18	PPC
		Mesuarat Pemantapan Pelaksanaan dan Pengeluaran Perakuan Siap dan Pematuhan (CCC)	Ir. Yim Hon Wa	1/1.	8/16/18	PPC
		Sesi Perjumpaan Ketua Setiausaha Kementerian Perumahan dan Kerajaan Tempatan (KPKT) bersama wakil Submitting Person (SP) Berhubung Isu Kebenaran Merancang (KM)	Ir. Gunasagaran Kristnan	0/1	12/17/18	PPC
20	Kementerian Tenaga, Teknologi Hijau dan Air (KeTTHA)					
	Dialogue / Meetings:	Mesuarat Jawatankuasa Penggubalan Akta Kecekapan Tenaga & Konservasi (Elektrik & Termal) Serta Peraturan-Peraturan di Bawahnya	Ir. Chong Chew Fan Ir. Yau Chau Fong Ir. Francis Xavier Jacob Ir. Luk Chau Beng Ir. Roger Wong Chin Weng Ir. Lee Cheng Pay Ir. Hasril bin Hasini Ir. Tejinder Singh Mr. Alex Looi Tink Huey, Grad. IEM Ir. Ng Win Siau	1/1. 1/1. 0/1 0/1 0/1 0/1 1/1. 0/1 0/1 0/1	12/3/18	EETD EETD EETD METD EETD EETD METD EETD EETD EETD
		Mesuarat Jawatankuasa Penggubalan Akta Kecekapan Tenaga & Konservasi (Elektrik & Termal) Serta Peraturan-Peraturan di Bawahnya Bil. a/2018	Ir. Francis Xavier Jacob Ir. Chong Chew Fan	0/1 1/1.	9/10/18	EETD EETD
		Mesuarat Jawatankuasa Penggubalan Akta Kecekapan dan Konservasi Tenaga Bil. 4/2018	Ir. Chong Chew Fan	1/1.	16/8/18	EETD
		Mesuarat Jawatankuasa Efficient Management of Electrical Energy Regulations (EMEER) BIL. 3/2018 Di Bawah Pembangunan Akta Kecekapan dan Konservasi Tenaga (EECA)	Ir. Tejinder Singh Ir. Roger Wong Chin Weng	1/1 0/1	17/7/18	EETD EETD
		Mesuarat Jawatankuasa Efficient Management of Electrical Energy Regulations (EMEER) BIL. 5/2018 Di Bawah Pembangunan Akta Kecekapan dan Konservasi Tenaga (EECA)	Ir. Tejinder Singh Ir. Roger Wong Chin Weng Ir. Luk Chau Beng	0/1 0/1 0/1	14/11/18	EETD EETD METD
		Mesuarat Jawatankuasa Building Sector Energy Efficiency Regulation (BSEER) Bil. 5/2018 di Bawah Pembangunan Akta Kecekapan dan Konservasi Tenaga (EECA)	Ir. Lee Cheng Pay	1/1.	13/11/18	EETD
21	Kementerian Kewangan (MoF)					
	Dialogue / Meetings:	Majlis Konsultasi Bajet 2019	Ir. Elias bin Saidin	1/1.	12/7/18	
22	Kuala Lumpur Engineering Science Fair (KLESF)					
	Dialogue / Meetings:	The 26th Steering Committee Meeting on KLESF	Ir. Prof. Dr. Jeffrey Chiang Choong Luin	1/1.	19/1/18	ACT
		The 27th Steering Committee Meeting on KLESF	Ir. Gopal Narian Kutty	0/1	4/7/18	ACT
		The 29th Steering Committee Meeting on KLESF	Ir. Gopal Narian Kutty	0/1	19/12/18	ACT



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
23	Majlis Bandaraya Ipoh (MBI)					
	Dialogue / Meetings:	Jawatankuasa Kumpulan Fokus Urusan Permit Pembinaan (FGDCP) bagi Negeri (Perak) #1	No representative	0/1	21/2/18	IEM Perak Branch
24	Majlis Bandaraya Melaka Bersejarah (MBMB)					
	Dialogue / Meetings:	Jawatankuasa Pengurusan dan Perkhidmatan Bandaraya, February 2018	Ir. Dr. Tan Chee Fai	1/1.	22/2/18	IEM Melaka Branch
		Jawatankuasa Pengurusan dan Perkhidmatan Bandaraya, March 2018	Ir. Dr. Tan Chee Fai	0/1	22/3/18	IEM Melaka Branch
		Jawatankuasa Pengurusan dan Perkhidmatan Bandaraya, April 2018	Ir. Dr. Tan Chee Fai	0/1	23/4/18	IEM Melaka Branch
25	Majlis Bandaraya Petaling Jaya (MBPJ)					
	Dialogue / Meetings:	Jawatankuasa Perancangan Bandar - January 2018	Ir. Elias bin Saidin Ir. Gunasagaran Kristnan	1/1. 0/1	22/1/18	PPC PPC
		Jawatankuasa Perancangan Bandar - February 2018	Ir. Elias bin Saidin Ir. Gunasagaran Kristnan	1/1. 0/1	14/2/18	PPC PPC
		Jawatankuasa Perancangan Bandar - March 2018	Ir. Elias bin Saidin Ir. Gunasagaran Kristnan	0/1 0/1	19/3/18	PPC PPC
		Jawatankuasa Perancangan Bandar - April 2018	Ir. Elias bin Saidin Ir. Gunasagaran Kristnan	1/1. 0/1	18/4/18	PPC PPC
		Jawatankuasa Perancangan Bandar - June 2018	Ir. Elias bin Saidin Ir. Gunasagaran Kristnan	0/1 0/1	21/6/18	PPC PPC
		Jawatankuasa Perancangan Bandar Bil. 1/2018	Ir. Elias bin Saidin Ir. Gunasagaran Kristnan	0/1 0/1	15/8/18	PPC PPC
		Jawatankuasa Perancangan Bandar Bil. 2/2018	No representative	0/1	20/9/18	PPC
		Jawatankuasa Perancangan Bandar Bil. 3/2018	No representative	0/1	17/10/18	PPC
		Jawatankuasa Perancangan Bandar Bil. 4/2018	Ir. Gunasagaran Kristnan Ir. Elias bin Saidin	0/1 0/1	19/11/18	PPC PPC
		Jawatankuasa Perancangan Bandar Bil. 5/2018	Ir. Elias bin Saidin	0/1	12/12/18	PPC
26	Malaysia External Trade Development Corporation (MATRADE)					
	Dialogue / Meetings:	1st Working Group Meeting on Construction Related Services Industry Cluster (NAPSEC)	Ir. Ong Ching Loon Ir. Elias bin Saidin Ir. Cheang Kok Meng	0/1 1/1. 1/1.	23/3/18	CA CA PPC
		52nd NAPSEC Meeting (No. 1/2018)	Ir. Prof. Dr. Jeffrey Chiang Choong Luin Ir. Yam Teong Sian	1/1. 1/1.	15/5/18	CA CA
		53rd NAPSEC Meeting (No. 2/2018)	Ir. Prof. Dr. Jeffrey Chiang Choong Luin Ir. Yam Teong Sian	0/1. 0/1.	4/12/18	CA CA
27	Malaysia Green Building Confederation (MGBC)					
	Dialogue / Meetings:	9th Annual General Meeting (AGM) of MGBC	Ir. Gopal Narian Kutty Ir. Dr. Leong Wai Yie	0/1 1/1.	19/5/18	ACT ACT
		CPD Joint Committee Meeting 1/2018	Ir. Chong Chew Fan	0/1	24/8/18	PPC
		Malaysia Green Building Confederation (MGBC) - 4th Extraordinary General Meeting (EGM)			1/1/00	
28	Malaysia Productivity Corporation (MPC)					
	Dialogue / Meetings:	Focus Group on Dealing with Construction Permits (FGDCP) #1/2018	Ir. Gunasagaran Kristnan	1/1.	7/5/18	PPC



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		Focus Group on Dealing with Construction Permits (FGDCP) #2/2018	Ir. Gunasagaran Kristnan Ir. Yim Hon Wa	0/1 1/1.	7/9/18	PPC PPC
		Special Briefing by Economic Planning Unit, Perlis on; An Update on Investment Opportunities in Perlis	Ir. Gunasagaran Kristnan Ir. Yim Hon Wa	1/1. 0/1	20/12/18	PPC PPC
29	Malaysian Plastics Manufacturing Association (MPMA)					
	Dialogue / Meetings:	Industry Standards Committee on Plastics and Plastics Products (ISC J) (No. 1/2018)	Ir. Abdul Azim bin Abdul Rahman Ir. Dr. Tan Chee Fai (alt. rep) En. Nor Azilan bin Jaafar, Grad. IEM	0/1 1/1. 1/1.	16/5/18	METD METD METD
		Industry Standards Committee on Plastics and Plastics Products (ISC J) (No. 2/2018)	Ir. Abdul Azim bin Abdul Rahman Ir. Dr. Tan Chee Fai (alt. rep) En. Nor Azilan bin Jaafar, Grad. IEM	0/1 0/1 0/1	24/10/18	METD METD METD
30	Malaysian Rubber Board (MRB) / Lembaga Getah Malaysia (LGM)					
	Dialogue / Meetings:	Jawatankuasa Teknikal Standard bagi Engineering Rubber Products	Ir. Dr. Lee Tin Sin	1/1.	21/5/18	CETD
31	Malaysian Service Providers Confederation (MSPC)					
	Dialogue / Meetings:	MITI Minister Special Engineering Fraternity Productivity Dialogue	Ir. David Lai Kong Phooi Ir. Abdul Razak bin Yakob	1/1. 1/1.	8/3/18	Excomm Excomm
		Ninth Annual General Meeting of MSPC	Ir. Elias bin Saidin	0/1	25/6/18	CA
32	Malaysian Timber Industry Board (MTIB)					
	Dialogue / Meetings:	Technical Committee on Timber Structure Bil. 1/2018	Ir. Prof. Dr. Mohd. Zamin bin Jumaat	1/1.	6/4/18	CSETD
		Mesyuarat Kedua Semakan Semula Uniform Building By-Laws (UBBL) 1984	Ir. Prof. Dr. Mohd. Zamin bin Jumaat	1/1.	27/4/18	CSETD
33	Master Builders Association Malaysia (MBAM)					
	Dialogue / Meetings:	The MBAM Technical Services Briefing 1/2018	<i>No representative</i>	0/1	12/1/18	Excomm
		MBAM Fellowship Gathering 1/2018	Ir. Dr. Tan Yean Chin Ir. Yam Teong Sian	1/1. 1/1.	12/1/18	Excomm Excomm
		MBAM Fellowship No. 2/2018	Ir. Dr. Tan Yean Chin Mr. Loh Wooi Chuan, Grad. IEM	1/1. 1/1.	27/2/18	Excomm GETD
34	Medical Device Authority (MDA)					
	Dialogue / Meetings:	Mesyuarat Berkenaan Kompetensi Program	Ir. Lim Kim Ten	1/1.	22/1/18	Excomm
35	Ministry of Health (MoH)					
	Dialogue / Meetings:	Mesyuarat Penyediaan Pelan Strategik Keselamatan Kebakaran Untuk Fasiliti Kesihatan Kementerian Kesihatan Malaysia		0/1.	28-29/8/18	PPC
36	Ministry of International Trade and Industry (MITI)					
	Dialogue / Meetings:	Discussion Session with IEM on Mobility of ASEAN Engineers	Ir. Yau Chau Fong Ir. Elias bin Saidin Ir. Cheang Kok Meng	0/1 0/1 0/1	7/6/18	CA CA CA



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		Invitation to a Discussion Session with IEM on Mobility of ASEAN Engineers	Ir. Yau Chau Fong Ir. Elias bin Saidin Ir. Cheang Kok Meng Ir. Prof. Dr. Norlida Buniyamin	0/1 0/1 0/1 0/1	24/7/18	CA CA CA CA
37	National Committee Of CIE (NCCIE)					
	Dialogue / Meetings:	NCCIE Meeting No.1st of 2018	Ir. Lim Kim Ten	1/1.	26/3/18	EETD
38	National Institute of Occupational Safety & Health (NIOSH)					
	Dialogue / Meetings:	Jemputan Sebagai Ahli Kumpulan Fokus untuk Pembangunan Garis Panduan Kawalan Hazard Kesihatan (KHK) bagi Sektor Perkhidmatan Air.			4/12/18	WRTD
39	Pejabat Setiausaha Kerajaan Negeri Selangor, Bahagian Unit Pengurusan Bencana Negeri Selangor					
	Dialogue / Meetings:	Mesyuarat Working Group Persediaan dan Persiapan Peringkat Tinggi Fenomena Air Pasang Besar di Daerah Klang, Kuala Langat, Sepang, Kuala Selangor dan Sabak Bernam Bil. 1/2018	En. Azahari bin Rejab	1/1.	6/8/18	DRRAB
		Mesyuarat Working Group Musim Monsun Peringkat Negeri Selangor Bil. 1/2018	Ir. Raftah binti Mahfar	1/1.	15/10/18	DRRAB
		Mesyuarat Pengurusan dan Bantuan Bencana Negeri Selangor dan Musim Monsun Timur Laut Peringkat Negeri Selangor Bil. 1/2018	<i>No representative</i>		12/11/18	DRRAB
40	Pertubuhan Akitik Malaysia (PAM) / Malaysian Institute of Architects					
	Dialogue / Meetings:	Building Modeling (BIM) Committee Meeting No. 1/2018	Ir. Kesavan s/o Jaganathan (main rep) Ir. Vignaeswaran a/l Shanmuganathan (alt rep)	1/1. 0/1	16/1/18	CESIG CESIG
		Building Modeling (BIM) Committee Meeting No. 2/2018	Ir. Kesavan s/o Jaganathan (main rep) Ir. Vignaeswaran a/l Shanmuganathan (alt rep)	0/1 0/1	28/2/18	CESIG CESIG
		Building Modeling (BIM) Committee Meeting No. 3/2018	Ir. Kesavan s/o Jaganathan (main rep) Ir. Vignaeswaran a/l Shanmuganathan (alt rep)	0/1 0/1	6/4/18	CESIG CESIG
		Building Modeling (BIM) Committee Meeting No. 4/2018	Ir. Kesavan s/o Jaganathan (main rep) Ir. Vignaeswaran a/l Shanmuganathan (alt rep)	0/1 0/1	27/4/18	CESIG CESIG
		Building Modeling (BIM) Committee Meeting No. 5/2018	Ir. Kesavan s/o Jaganathan (main rep) Ir. Vignaeswaran a/l Shanmuganathan (alt rep)	0/1 0/1	6/6/18	CESIG CESIG
		Building Modeling (BIM) Committee Meeting No. 6/2018	Ir. Kesavan s/o Jaganathan (main rep) Ir. Vignaeswaran a/l Shanmuganathan (alt rep)	0/1 0/1	15/11/18	CESIG CESIG



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		Jemputan Mesyuarat Permulaan Berkaitan Deraf Pembentangan Garis Panduan dan Keperluan Keselamatan Kebakaran Bagi Bangunan-Bangunan Warisan	Ir. Tan Chew Ir. Gary Lim Ir. Alan Chan	1/1. 1/1. 1/1.	8/11/18	FAB, PPC FAB, PPC FAB, PPC
		Jemputan Mesyuarat Kali ke-2 Berkaitan Deraf Pembentangan Garis Panduan dan Keperluan Keselamatan Kebakaran Bagi Bangunan-Bangunan Warisan	Ir. Tan Chew Ir. Alan Chan	1/1. 1/1.	13/12/18	FAB, PPC FAB, PPC
41	Rapid Rail Sdn Bhd					
	Dialogue / Meetings:	Advisory Board Meeting – KL International Rail Engineering Conference (KLIREC) 2018	Ir. Dr. Tan Yean Chin Ir. Cheang Kok Meng	1/1. 1/1.	13/4/18	Excomm -
		Working Group Meeting	Ir. Syed Neguib bin Syed Muhamed	1/1.	26/4/18	METD
		KLIREC2018 Organisation Committee Meeting	Ir. Syed Neguib bin Syed Muhamed	0/1	31/5/18	METD
42	Real Estate and Housing Developers' Association Malaysia (REHDA)					
	Dialogue / Meetings:	GreenRE Advisory Panel (GREAP) Meeting No. 2	Ir. Cheong Thiam Fook Ir. Soong Peng Soon	0/1 0/1	6/9/18	PPC PPC
43	Royal Intitution of Surveyors Malaysia (RISM)					
44	SIRIM QAS International Sdn. Bhd.					
	Dialogue / Meetings:	<u>JAWATANKUASA TEKNIKAL / TECHNICAL COMMITTEE</u> 46th Meeting of the Certification Advisory Committee (CAC)	Ir. Choo Kok Beng	1/1.	14/12/18	PPC
45	SIRIM STS Sdn Bhd					
	Dialogue / Meetings:	<u>JAWATANKUASA TEKNIKAL / TECHNICAL COMMITTEE</u> TC - Blockchain and Electronic Distributed Ledger Technologies (TC/G/15) No. 1/2018	En. Abdul Fattah bin Mohamed Yatim, MIEM (main rep)	1/1.	3/5/18	ICTSIG
		TC - Bricks and Blocks (No. 1/2018) TC/D/13	Dr. Sudharshan Naidu a/l Raman, Grad. IEM Mr. Yeo Shih Horng, Grad. IEM (alternate rep)	0/1 0/1.	24/1/18	CSETD CSETD
		TC - Bricks and Blocks (No. 2/2018) TC/D/13	Dr. Sudharshan Naidu a/l Raman, Grad. IEM Mr. Yeo Shih Horng, Grad. IEM (alternate rep)	1/1. 0/1.	1/3/18	CSETD CSETD
		TC - Bricks and Blocks (No. 3/2018) TC/D/13	Dr. Sudharshan Naidu a/l Raman, Grad. IEM	0/1	20/4/18	CSETD
		TC - Building Design and Construction (No. 1/2018)	Ir. David Ng Shiu Yuen Ir. Chong Chee Meng (alternate rep)	0/1 1/1.	15/5/18	CSETD CSETD
		TC - Building Design and Construction (No. 2/2018)	Ir. David Ng Shiu Yuen Ir. Chong Chee Meng (alternate rep)	0/1 1/1.	9/8/18	CSETD CSETD
		TC - Building Design and Construction (No. 3/2018)	Ir. David Ng Shiu Yuen Ir. Chong Chee Meng (alternate rep)	0/1 0/1	13/9/18	CSETD CSETD
		TC - Building Design and Construction (No. 4/2018)	Ir. David Ng Shiu Yuen Ir. Chong Chee Meng (alternate rep)	0/1 0/1	10/10/18	CSETD CSETD
		TC - Building Design and Construction (No. 5/2018)	Ir. David Ng Shiu Yuen Ir. Chong Chee Meng (alternate rep)	0/1 0/1	21/11/18	CSETD CSETD



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		TC - Cables and Cable Accessories (TC/E/15) #1/2018	Ir. Ng Win Siau (main rep)	1/1.	19/4/18	EETD
			Ir. Yau Chau Fong (alternate rep)	0/1		EETD
			Mr. Low Pek Jun (observer)	0/1		EETD
		TC - Cement (No. 1/2018)	Ir. Hooi Wing Chuen	1/1.	2/2/18	CSETD
		TC - Cement (No. 2/2018)	Ir. Hooi Wing Chuen	1/1.	18/5/18	CSETD
		TC - Clean Agent Fire Extinguishing System (TC-M-5) No. 1/2018	Ir. Cha Hoong Kum Ir. Gary Lim Eng Hwa (alternate rep)	0/1 1/1.	5/3/18	PPC (FAB) PPC (FAB)
		TC - Code of Practice for Design of Concrete Structure	Ir. Adjunct Prof. MC Hee Ir. Prof. Dr. Jeffrey Chiang Choong Luin	0/1 0/1	26/3/18	CSETD CSETD
		TC - Electrical Installation, Protection and Insulation Practice (TC/E/14) No. 1/2018	Ir. Lim Kim Ten (main rep)	0/1	24/4/18	EETD
			Ir. Yau Chau Fong (alternate rep)	1/1.		EETD
			Ir. Low Pek Jun (observer)	0/1		EETD
		TC - Electrical Installation, Protection and Insulation Practice (TC/E/14) No. 2/2018	Ir. Lim Kim Ten (main rep)	0/1	29/8/18	EETD
			Ir. Yau Chau Fong (alternate rep)	1/1.		EETD
		TC - Electrical Installation, Protection and Insulation Practice (TC/E/14) No. 3/2018	Ir. Lim Kim Ten (main rep)	0/1	26/11/18	EETD
			Ir. Yau Chau Fong (alternate rep)	1/1.		EETD
		TC - Electromagnetic Compatibility #1/2018	Ir. Lim Kim Ten Ir. Lee Cheng Pay	1/1. 0/1	27/2/18	EETD EETD
		TC - Electromagnetic Field #1/2018	Dr. Lim Chin Seong, Grad. IEM Ir. Derick Chia Chee Weng	1/1. 0/1	28/6/18	METD METD
		TC - Energy Efficiency and Conservation for Industrial Electrical Equipment #1/2018	Ir. Chong Chew Fan	1/1.	7/2/18	EETD
		TC - Energy Efficiency and Conservation for Industrial Electrical Equipment #2/2018	Ir. Chong Chew Fan	1/1.	4/5/18	EETD
		TC - Equipment for Explosive Atmospheres (TC 31) No. 1/2018	Ir. Faridon bin Talib Ir. Lam Sing Yew	1/1. 0/1	22/1/18	EETD EETD
		TC - Ergonomics (No. 1/2018)	Ir. Dr. Tan Chee Fai En. Nor Azilan bin Jaafar, Grad. IEM	0/1 0/1	2/5/18	METD METD
		TC - Fasteners and Screw Threads No. 1/2018	Ir. Lai Ah Ying Ir. Dr. Cheong Thiam Fook	1/1. 1/1.	27/2/18	METD METD
		TC - Fasteners and Screw Threads No. 2/2018	Ir. Lai Ah Ying Ir. Dr. Cheong Thiam Fook	0/1 0/1	30/3/18	METD METD
		TC - Fasteners and Screw Threads No. 3/2018	Ir. Lai Ah Ying Ir. Dr. Cheong Thiam Fook	0/1 0/1	31/5/18	METD METD
		TC - Geotechnical Works (No. 1/2018)	Ir. Mun Kwai Peng Ir. Balakrishnan s/o Etty Gaunder Ir. Yee Thien Seng	0/1. 1/1. 1/1.	28/2/18	CSETD GETD GETD
		TC - High Voltage Power Transmission (TCHVPT) #1/2018	Ir. Good Kid Seng Ir. Yau Chau Fong	1/1. 0/1	22/1/18	EETD EETD
		TC - High Voltage Switchgear, Controlgear and Assemblies # 1/2018	Ir. Ng Wing Siau Ir. Leong Kin Yue	0/1 0/1	6/2/18	EETD EETD



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		TC - Lighting, Lamps and Accessories #1/2018	Ir. Lim Kim Ten	1/1.	31/5/18	EETD
		TC - Passive Fire Protection System (TC/M/2)	Ir. Yim Hon Wa (main rep) Ir. Cha Hoong Kum (alternate rep)	1/1. 0/1	6/2/17	PPC (FAB) PPC (FAB)
		TC - Passive Fire Protection System (TC/M/2) #1/2018	Ir. Yim Hon Wa (main rep) Ir. Cha Hoong Kum (alternate rep) Ir. Thin Choon Chai (observer)	0/1 0/1 1/1.	31/5/18	PPC (FAB) PPC (FAB) PPC (FAB)
		TC - Passive Fire Protection System (TC/M/2) #2/2018	Ir. Yim Hon Wa (main rep) Ir. Cha Hoong Kum (alternate rep) Ir. Thin Choon Chai (observer)	0/1 0/1 0/1	11/7/18	PPC (FAB) PPC (FAB) PPC (FAB)
		TC - LVDC Supply, Storage and EV Charging #1/2018	Ir. Amir Hussein bin Jaafar Ir. Lee Yuen How	0/1 1/1.	20/3/18	EETD EETD
		TC - Jawatankuasa Teknikal Mechanical Safety for Consumer Use (TC/F/24) No. 1/2018	En. Nor Azilan bin Jaafar, Grad. IEM Ir. Dr. Kannan M. Munisamy (alt)	1/1. 0/1	26/1/18	METD METD
		TC - Renewable Energies #1/2018	Ir. Chong Chew Fan Ir. Yau Chau Fong	1/1. 0/1	5/4/18	EETD EETD
		TC - Safe System of Work and Practices in Occupational Setting (TC/W/6)	Ir. Choo Chee Ming Ir. Loo Chee Kin	0/1 0/1	3/7/18	EnvETD METD
		TC - Safety (TC/L/1) (No. 1/2018)	Ir. Loo Chee Kin Ir. Fam Yew Hin (alternate rep)	0/1 0/1	25/5/18	METD METD
		TC - Safety of Machinery #1/2018	Ir. Lai Ah Ying Ir. Dr. Cheong Thiam Fook	0/1 1/1.	28/2/18	METD METD
		TC - Statistical Methods (No. 1/2018)	Ir. Sukhairul Nizam bin Abdul Razak Dr. Lim Chin Seong	1/1. 1/1.	30/4/18	METD METD
		TC - Steel for Structural Purposes (No. 1/2018)	Ir. Tu Yong Eng (Chairman) Ir. David Ng Shiu Yuen	1/1. 0/1	16/5/18	CSETD CSETD
		TC - Steel for Structural Purposes (No. 2/2018)	Ir. Tu Yong Eng (Chairman) Ir. David Ng Shiu Yuen	0/1 0/1	17/7/18	CSETD CSETD
		TC - Wet Fire Protection System (TC/M/3) No. 1/2018	Ir. Thin Choon Chai	1/1.	25/1/18	FAB, PPC
		TC - Wet Fire Protection System (TC/M/3) No. 2/2018	Ir. Thin Choon Chai Ir. Selvakumar A/L Krishnan Ir. Alan Chan Teck Wai	0/1 0/1. 0/1.	26/11/18	FAB, PPC FAB, PPC FAB, PPC
		TC - Wind Load (No. 1/2018)	Ir. David Ng Shiu Yuen	0/1	18/1/18	CSETD
		Mesyuarat Jawatankuasa Standard Perindustrian Bagi Pertanian (ISC A) #2/2018	Ir. Yong Hong Liang Ir. Vasan Mariappan	1/1. 1/1.	1/11/18	AFETD AFETD
		TC - Jawatankuasa Standard Perindustrian (JSP D) bagi Bangunan, Pembinaan dan Kejuruteraan Awam (No. 1/2018) - ISC D	Ir. Tu Yong Eng (main rep) Ir. Chong Chee Meng (alternate rep)	1/1. 0/1	14/5/18	CSETD CSETD
		TC - Jawatankuasa Standard Perindustrian (JSP D) bagi Bangunan, Pembinaan dan Kejuruteraan Awam (No. 2/2018) - ISC D	Ir. Tu Yong Eng (main rep) Ir. Chong Chee Meng (alternate rep)	1/1. 0/1	22/10/18	CSETD CSETD
		TC - Industry Standards Committee on Generation, Transmission and Distribution of Energy (ISC E) No. 1/2018	Dato' Ir. Ibrahim bin Abu Bakar Ir. Yau Chau Fong (alt.)	1/1. 0/1.	26/4/18	EETD EETD



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		TC - Industry Standards Committee on Generation, Transmission and Distribution of Energy (ISC E) No. 2/2018	Dato' Ir. Ibrahim bin Abu Bakar Ir. Yau Chau Fong (alt.)	1/1. 1/1.	30/10/18	EETD EETD
		TC - Jawatankuasa Standard Perindustrian bagi Kejuruteraan Mekanikal (ISC F) No. 1/2018	Ir. Luk Chau Beng Dr Lim Chin Seong	1/1. 0/1	3/5/18	METD METD
		TC - Jawatankuasa Standard Perindustrian bagi Kejuruteraan Mekanikal (ISC F) No. 2/2018	Ir. Luk Chau Beng	0/1	30/10/18	METD
		TC - Jawatankuasa Standard Perindustrian Bagi Teknologi Maklumat, Komunikasi & Multimedia (ISC G) No. 1/2018	En. Abdul Fattah bin Mohamed Yatim, MIEM Ir. Chai Chen Sing	1/1. 0/1	26/4/18	ICTSIG ICTSIG
		TC - Jawatankuasa Standard Perindustrian Bagi Teknologi Maklumat, Komunikasi & Multimedia (ISC G) No. 2/2018	En. Abdul Fattah bin Mohamed Yatim, MIEM	0/1	12/11/18	ICTSIG
		TC - Jawatankuasa Standard Perindustrian Bagi Teknologi Maklumat, Komunikasi & Multimedia (ISC G) No. 2/2018	En. Abdul Fattah bin Mohamed Yatim, MIEM Ir. Chai Chen Sing	1/1. 0/1	3/5/18	ICTSIG ICTSIG
		Jawatankuasa Standard Perindustrian bagi Petroleum dan Gas (ISC H) No. 1/2018	Ir. Al-Khairi bin Mohd. Daud Ir. Abdul Razak bin Yakob	0/1 0/1	26/2/18	OGMTD OGMTD
		Jawatankuasa Standard Perindustrian bagi Keselamatan Kebakaran (ISC M) No. 1/2018	Ir. Thin Choon Chai (main rep) Ir. Dr. Hee Choi (alternate rep)	1/1. 1/1.	13/4/18	PPC (FAB) PPC (FAB)
		Jawatankuasa Standard Perindustrian bagi Keselamatan Kebakaran (ISC M) No. 2/2018	Ir. Thin Choon Chai (main rep) Ir. Dr. Hee Choi (alternate rep)	1/1. 1/1.	22/10/18	PPC (FAB) PPC (FAB)
		TC - Metallic Materials and Semi-Finished Products (ISC P) No. 1/2018	Ir. David Ng Shiu Yuen (main rep) Ir. Lee Kee Bau (alternate rep)	0/1 0/1	4/5/18	CSETD CSETD
		Jawatankuasa Standard Perindustrian bagi Keselamatan dan Kesihatan Pekerjaan (ISC W) # 1/2018	En. Raghib Fasih Azmi, Grad. IEM Ir. Loo Chee Kin	0/1 0/1	7/2/18	METD METD
		Jawatankuasa Standard Perindustrian bagi Quality Management and Quality Assurance (ISC Y) # 1/2018	Ir. Hussein bin Rahmat	1/1.	7/5/18	EnvETD
		Jawatankuasa Standard Perindustrian bagi Quality Management and Quality Assurance (ISC Y) # 2/2018	Ir. Choo Chee Meng	0/1	26/9/18	CSETD
		TC - Safety of Machinery (TC/W1) #1/2018	Ir. Lai Ah Ying Ir. Dr. Cheong Thiam Fook	0/1 0/1	28/2/18	METD METD
		TC - Wind Load (No. 1/2018)	Ir. David Ng Shiu Yuen	0/1	18/1/18	CSETD
		Industry Standards Committee on Environmental Management (ISC Z) #1/2018	Ir. Choo Chee Ming (main rep) Ir. Hussein bin Rahmat (alt. rep)	0/1 0/1	29/6/18	EnvETD EnvETD
		WG 1 and WG 2 on Wind Load	Ir. Adjunct Prof. MC Hee Ir. David Ng Shiu Yuen	0/1 0/1	22/2/18	CSETD CSETD
		TC on Anaesthetic / Respiratory and Electromechanical Devices - TC/R/3	Ir. Lim Kim Ten	1/1.	1/8/18	EETD
		TC - Power Systems Management and Associated Information Exchange Meeting 1/2018	Ir. Yau Chau Fong Ir. Tejinder Singh	1/1. 0/1.	16/8/18	EETD EETD
		TC - Internet of Things and Related Technologies (TC/G/16) #2/2018	Mr. Daniel Pu Chuan Hsian Ir. Chai Chen Sing	0/1 0/1	17/10/18	EETD METD
		TC - Smoke Management (TC/M/4) Bil. 1/2018	Ir. Lim Kim Chuan, Daniel	1/1.	11/10/18	FAB



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
	Dialogue / Meetings:	JAWATANKUASA KERJA / WORKING TECHNICAL COMMITTEE	Ir. Soong Peng Soon (main rep)	1/1.	24/10/17	METD
		WG - Air Conditioner and Mechanical Ventilation # 3/2018	Ir. Luk Chau Beng (alt rep)	0/1		METD
		WG - Air Conditioner and Mechanical Ventilation # 4/2018	Ir. Soong Peng Soon (main rep)	1/1.	12/3/18	METD
			Ir. Luk Chau Beng (alt rep)	0/1		METD
		WG - Building Envelope (No. 1/2018)	Ir. Al-Khairi bin Mohd. Daud	1/1.	7/3/18	BSTD
		WG - Building Envelope (No. 2/2018)	Ir. Al-Khairi bin Mohd. Daud	0/1	21/3/18	BSTD
			Ir. Wong Win Heng	1/1.		BSTD
		WG - Building Envelope (No. 3/2018)	Ir. Al-Khairi bin Mohd. Daud	0/1	18/4/18	BSTD
			Ir. Wong Win Heng	1/1.		BSTD
			Ir. Yong Gee Suan (observer)	1/1.		BSTD
		WG-Building Envelope (No. 4/2018)	Ir. Al-Khairi bin Mohd. Daud	1/1.	16/7/18	BSTD
			Ir. Wong Win Heng	1/1.		BSTD
		WG - Building Performance #2/2018	Ir. Soong Peng Soon (main rep)	1/1.	1/5/18	METD
			Ir. Luk Chau Beng (alt rep)	0/1		METD
		WG - Building Performance #3/2018	Ir. Soong Peng Soon (main rep)	1/1.	23/4/18	METD
			Ir. Luk Chau Beng (alt rep)	0/1		METD
		WG - Building Performance #4/2018	Ir. Soong Peng Soon (main rep)	0/1	21/6/18	METD
			Ir. Luk Chau Beng (alt rep)	1/1.		METD
		WG - Code of Practice for Glass (No. 1/2018)	Ir. Tan Chew (main rep)	1/1.	23/1/18	BSTD
			Ir. Gary Lim Eng Hwa (alternate rep)	0/1		BSTD
		WG - Code of Practice for Glass (No. 2/2018)	Ir. Tan Chew (main rep)	0/1	27/2/18	BSTD
			Ir. Gary Lim Eng Hwa (alternate rep)	1/1.		BSTD
		WG - Code of Practice for Glass (No. 3/2018)	Ir. Tan Chew (main rep)	0/1	27/3/18	BSTD
			Ir. Gary Lim Eng Hwa (alternate rep)	1/1.		BSTD
		WG - Code of Practice for Glass (No. 4/2018)	Ir. Tan Chew (main rep)	0/1	24/4/18	BSTD
		WG - Code of Practice for Glass (No. 5/2018)	Ir. Tan Chew (main rep)	0/1	4/6/18	BSTD
		WG - Code of Practice for Glass (No. 6/2018)	Ir. Tan Chew (main rep)	0/1	26/6/18	BSTD
		WG - Code of Practice for Glass (No. 7/2018)	Ir. Tan Chew (main rep)	0/1	24/7/18	BSTD
		WG - Code of Practice for Glass (No. 8/2018)	Ir. Tan Chew (main rep)	0/1	28/8/18	BSTD
		WG - Code of Practice for Glass (No. 9/2018)	Ir. Tan Chew (main rep)	0/1	25/9/18	BSTD
		WG - Code of Practice for Glass (No. 10/2018)	Ir. Tan Chew (main rep)	0/1	31/10/18	BSTD
		WG - Cold Formed Steel Structure (WG/D/22-2) #1/2018	Ir. David Ng Shiu Yuen	1/1.	21/3/18	CSETD
		WG - Cold Formed Steel Structure (WG/D/22-2) #2/2018	Ir. David Ng Shiu Yuen	0/1	28/8/18	CSETD
		WG - Design of Masonry Structures (Part 1-1 & Part 3) (WG/D/13-10) # 1/2018	Ir. Jimmy Wan Yoon Hin	1/1.	2/3/18	CSETD
		WG - Design of Masonry Structures (Part 1-1 & Part 3) (WG/D/13-10) # 2/2018	Ir. Jimmy Wan Yoon Hin	1/1.	15/5/18	CSETD
		WG - Design of Masonry Structures (Part 1-1 & Part 3) (WG/D/13-10) # 3/2018	Ir. Jimmy Wan Yoon Hin	0/1	7/6/18	CSETD



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		WG - Design of Masonry Structures (Part 1-2 & Part 2) (WG/D/13-9) # 1/2018	Ms. Yasotha Ramachandran Chetty	0/1	24/5/18	CSETD
		WG - Energy Management System # 2/2017	Ir. Soong Peng Soon (main rep)	1/1.	3/1/18	METD
			Ir. Luk Chau Beng (alt rep)	0/1		METD
		WG - Energy Management System # 3/2017	Ir. Soong Peng Soon (main rep)	0/1	16/4/18	METD
			Ir. Luk Chau Beng (alt rep)	0/1		METD
		WG - Healthcare/Hospital Lift #1/2018	Ir. Wong Win Heng	1/1.	9/3/18	BSTD
		WG - Healthcare/Hospital Lift #1/2018	Ir. Wong Win Heng	0/1	26/6/18	BSTD
		WG - Insulation Oils for Electrical Equipment (WG/E/7-3) No. 1/2018	Ir. Leong Kin Yue	1/1.	24/5/18	EETD
			Ir. Ng Win Siau	0/1		EETD
		WG - Insulation Oils for Electrical Equipment (WG/E/7-3) No. 2/2018	Ir. Leong Kin Yue	0/1	9/8/18	EETD
			Ir. Ng Win Siau	0/1		EETD
		WG - Lighting (No. 1/2018)	Ir. Chong Chew Fan	1/1.	29/1/18	EETD
		WG - Lighting (No. 2/2018)	Ir. Chong Chew Fan	1/1.	26/2/18	EETD
		WG - Portable Fire Extinguisher (WG/M/5-1) No. 1/2018	Ir. Cha Hoong Kum (main rep)	0/1	26/6/18	PPC (FAB)
			Ir. Thin Choon Chai	0/1		PPC (FAB)
		WG - Protection Relay Devices WG/E/7-5 (No. 1/2018)	Ir. Chong Chew Fan	1/1.	25/1/18	EETD
			Ir. Lim Kim Ten	1/1.		EETD
		WG - Protection Relay Devices WG/E/7-5 (No. 2/2018)	Ir. Chong Chew Fan	1/1.	22/2/18	EETD
			Ir. Lim Kim Ten	0/1		EETD
		WG - Protection Relay Devices WG/E/7-5 (No. 3/2018)	Ir. Chong Chew Fan	1/1.	29/3/18	EETD
			Ir. Lim Kim Ten	0/1		EETD
		WG - Protection Relay Devices WG/E/7-5 (No. 4/2018)	Ir. Chong Chew Fan	1/1.	6/5/18	EETD
			Ir. Lim Kim Ten	0/1		EETD
		WG - Protection Relay Devices WG/E/7-5 (No. 5/2018)	Ir. Chong Chew Fan	1/1.	7/11/18	EETD
			Ir. Lim Kim Ten	0/1		EETD
		WG - Protection Relay Devices WG/E/7-5 (No. 6/2018)	Ir. Chong Chew Fan	1/1.	8/15/2018	EETD
			Ir. Lim Kim Ten	0/1		EETD
		WG - Workplace Atmosphere and Indoor Air (WG/Z/8-2) #1/2018	Ir. Santha Kumaran @ Erusan (main rep)	0/1	13/4/18	EnvETD
			Ir. Eric Teoh Boon Lai (alternate rep)	0/1		EnvETD
		WG 2 - Section 1 to 3, Section 10 and 11 (Revision of MS 2038) - No. 1/2018	Ir. Yee Thien Seng	1/1.	17/1/18	GETD
		WG on Solar Photovoltaic System Meeting 3/2018	Ir. Roger Wong Chin Weng	0/1	30/8/18	EETD
			Ir. Lee Cheng Pay	0/1		EETD
		WG on Solar Photovoltaic System Meeting 4/2018	Ir. Roger Wong Chin Weng	0/1	24/10/18	EETD
			Ir. Lee Cheng Pay	0/1		EETD
		WG - Alluminium and Aluminium Alloy (WG/P/9-2) # 3/2018	Dr. Lim Chin Seong	0/1	17/10/18	METD
			En. Nor Azilan bin Jaafar, Grad. IEM	0/1		METD
		National Consultation on Draft MS 17S001R0 - VAPE	Ir. Sukhairul Nizam bin Abdul Razak	1/1.	22/5/18	METD
46	Suruhanjaya Perkhidmatan Air Negara (SPAN) / National Water Services Commissions)					
	Dialogue / Meetings:	Jawatankuasa Penilaian Utama (JAKPEN UTAMA) Bil. 1/2018	Ir. Elias bin Saidin (main rep)	0/1	23/1/18	WRTD



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		Jawatankuasa Penilaian Utama (JAKPEN UTAMA) Bil. 2/2018	Ir. Elias bin Saidin (main rep) Ir. C. Kamalesen a/l Chandrasekaran (alt. rep)	1/1. 0/1	29/3/18	WRTD WRTD
		Jawatankuasa Penilaian Utama (JAKPEN UTAMA) Bil. 3/2018	Ir. Elias bin Saidin (main rep) Ir. C. Kamalesen a/l Chandrasekaran (alt. rep)	1/1. 0/1	2/5/18	WRTD WRTD
		Jawatankuasa Penilaian Utama (JAKPEN UTAMA) Bil. 4/2018	Ir. Elias bin Saidin (main rep) Ir. C. Kamalesen a/l Chandrasekaran (alt. rep)	1/1. 0/1	7/6/18	WRTD WRTD
		Jawatankuasa Penilaian Utama (JAKPEN UTAMA) Bil. 5/2018	Ir. Elias bin Saidin (main rep) Ir. C. Kamalesen a/l Chandrasekaran (alt. rep)	1/1. 0/1	29/8/18	WRTD WRTD
		Jawatankuasa Penilaian Utama (JAKPEN UTAMA) Bil. 6/2018	Ir. Elias bin Saidin (main rep) Ir. C. Kamalesen a/l Chandrasekaran (alt. rep)	1/1. 0/1	8/10/18	WRTD WRTD
		Jawatankuasa Penilaian Utama (JAKPEN UTAMA) Bil. 7/2018	Ir. Elias bin Saidin (main rep) Ir. C. Kamalesen a/l Chandrasekaran (alt. rep)	1/1. 0/1	29/11/18	WRTD WRTD
		Mesyuarat "Kick-Off" Jawatankuasa Khas Siasatan Kejadian Paip Pecah Di Sistem Mampatan Udara (Surge Vessel System) Di Loji Rawatan Air (LRA) Skim Sungai Selangor Fasa 3 (SSP3) Yang Berlaku Pada 6 Mac 2018	Ir. Elias Bin Saidin (main rep) Ir. Noor Hisham Bin Yahaya (alt. rep)	1/1. 0/1	28/3/18	WRTD METD
		Jawatankuasa Khas Siasatan Kejadian Paip Pecah Di Sistem Mampatan Udara (Surge Vessel System) Di Loji Rawatan Air (LRA) Skim Sungai Selangor Fasa 3 (SSP3) Yang Berlaku Pada 6 Mac 2018 #2/2018	Ir. Elias Bin Saidin (main rep) Ir. Noor Hisham Bin Yahaya (alt. rep)	1/1. 0/1	3/4/18	WRTD METD
		Jawatankuasa Khas Siasatan Kejadian Paip Pecah Di Sistem Mampatan Udara (Surge Vessel System) Di Loji Rawatan Air (LRA) Skim Sungai Selangor Fasa 3 (SSP3) Yang Berlaku Pada 6 Mac 2018	Ir. Elias Bin Saidin (main rep) Ir. Noor Hisham Bin Yahaya (alt. rep)	1/1. 0/1	25/4/18	WRTD METD
		Mesyuarat Susulan Ahli Jawatankuasa Khas Siasatan Insiden di LRA SSP3 - Mesyuarat Susulan Jawatankuasa Khas Siasatan	Ir. Elias Bin Saidin (main rep) Ir. Noor Hisham Bin Yahaya (alt. rep)	1/1. 1/1.	5 & 6/4/18	WRTD METD
		Mesyuarat Susulan Ahli Jawatankuasa Khas Siasatan Insiden di LRA SSP3 - Mesyuarat Susulan Jawatankuasa Khas Siasatan Bil. 02	Ir. Elias Bin Saidin (main rep) Ir. Noor Hisham Bin Yahaya (alt. rep)	1/1. 0/1	16/4/18	WRTD METD
		Mesyuarat Susulan Ahli Jawatankuasa Khas Siasatan Insiden di LRA SSP3 - Mesyuarat Susulan Jawatankuasa Khas Siasatan Bil. 03	Ir. Elias Bin Saidin (main rep) Ir. Noor Hisham Bin Yahaya (alt. rep)	1/1. 0/1	30/4/18	WRTD METD
		Mesyuarat Susulan Ahli Jawatankuasa Khas Siasatan Insiden di LRA SSP3 - Mesyuarat Susulan Jawatankuasa Khas Siasatan Bil. 04	Ir. Elias Bin Saidin (main rep) Ir. Noor Hisham Bin Yahaya (alt. rep)	1/1. 0/1	3/5/18	WRTD METD

47 Suruhanjaya Tenaga (ST)

	Dialogue / Meetings:	Energy Commission Malaysia Mesyuarat Panel Perundingan Tenaga (PPT) 2018	Ir. Francis Xavier Jacob	1/1.	29/3/18	EETD
		Mesyuarat Peraturan Pengurusan Tenaga Dengan Cekap (EMEER) #2/2018	Ir. Tejinder Singh	0/1	25/4/18	EETD



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
48	Sustainable Energy Development Authority Malaysia (SEDA Malaysia)					
	Dialogue / Meetings:	Mesyuarat "GAP Analysis for Promotion of Zero Energy Building (ZEB) Family Concept in ASEAN Region"	Ir. Chong Chew Fan	1/1.	12/3/18	EETD
		Jemputan Ke Sesi Perbincangan Fokus Berkumpulan bagi Kerangka Institusi Bandar Rendah Karbon di Malaysia	Ms. Sumeshini A/P Subramaniam	1/1.	13-14/8/18	EETD
49	Universiti Putra Malaysia (UPM)					
	Dialogue / Meetings:	Mesyuarat Jawatankuasa Pengajian Program (JKPP) Master Mekanisasi Pertanian	Ir. Vasan Mariappan	1/1.	25/9/18	AFETD
50	Universiti Tenaga Nasional (UNITEN)					
	Dialogue / Meetings:	CE (UNITEN) IAP Meeting 2018	Ir. David Ng Shiu Yuen	0/1	2/7/18	CSETD
51	VTAR Institute					
	Dialogue / Meetings:	Technical Advisory Committee Meeting (No. 1/2018)	Ir. Lim Kim Ten	1/1.	31/5/18	PPC

JANUARY - DECEMBER 2018

STANDING COMMITTEE ON PROFESSIONAL PRACTICE

1	Bar Council					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Malaysian Bar Annual Dinner & Dance 2018	Ir. Lai Sze Ching	1/1.	17/3/18	Excomm
2	ASEAN Business Advisory Council Malaysia (ASEAN-BAC Malaysia)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	An Evening with ASEAN-BAC Malaysia	Ir. Ong Ching Loon	1/1.	4/7/18	Excomm
3	Balai iktisas Malaysia (BIM) / Malaysian Professional Centre					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	BIM 45th Anniversary Dinner		0/1	24/7/18	Excomm
4	Bar Council					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Malaysian Bar Annual Dinner & Dance 2018	Ir. Lai Sze Ching	1/1.	17/3/18	Excomm
		Opening Ceremony of the International Malaysia Law Conference 2018	Ir. Lai Sze Ching	1/1.	14/8/18	Excomm
		5th Raja Aziz Addruse Memorial Lecture	Ir. Lai Sze Ching	1/1.	15/8/18	Excomm
		Closing Ceremony of the International Malaysia Law Conference 2018	Ir. Lai Sze Ching	1/1.	17/8/18	Excomm
5	BCI Asia Construction Information Sdn Bhd					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Annual BCI Asia Top 10 Architects & Developers Awards 2018	Ir. Ong Ching Loon	1/1.	29/6/18	Excomm
6	Branding Association of Malaysia					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Branding Gala 2018 - The Red Carpet Affair	Ir. Dr. Tan Yean Chin	1/1.	17/1/18	Excomm



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
7	Chinese Institute of Engineers (CIE)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Programme on Civil Engineer's Role and Challenges in Societies"	Mr. Tan Zhi Howe, Grad. IEM	1/1	15-18/3/18	YES
8	Construction Industry Development Board [CIDB] Malaysia					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Bengkel Kajian Semula Penetapan KPI CITP P3-061, P3-063, P3-064, P3-065 & P-068 dan Perbincangan Mengenai Project Simulation	Ir. Hooi Wing Chuen	0/1	21-23/2/18	PPC
	Dialogue / Meetings:	Strategic Session Amendment of UBBL to Include IBS and BIM Implementation by CIDB	Ir. Gunasagaran Kristnan	1/1.	21-23/2/18	PPC
		Invitation to ICW 2018 Press Conference	Ir. Dr. Cheong Thiam Fook	1/1.	13/3/18	MDP, APT
		Seminar MCIEA 2018 on Towards Excellence in Construction	No representative	0/1	28/3/18	ACT
		Opening Ceremony of International Construction Week (ICW) 2018	Dato' Ir. Lim Chow Hock Ir. Yam Teong Sian Ir. Gunasagaran Kristnan Ir. Hooi Wing Chuen Ir. Tan Yean Chin	1/1. 1/1. 1/1. 1/1. 0/1	27/3/18	Excomm CA PPC CSETD Excomm
		BIM Day 2018 Seminar - Digital Construction BIM: The Time is Now	Ir. Kesavan s/o Jaganathan	0/1	29/3/18	CESIG
		Majlis Perasmian Malaysia IBS International Exhibition (MIIE2018)	Ir. Gunasagaran Kristnan Ir. Hooi Wing Chuen Dato' Ir. Lim Chow Hock	1/1 0/1 0/1	28/3/18	PPC C&STD Excomm
		Bengkel Working Group Mengemaskini dan Memuktamadkan MyCESMM2 bagi Malaysian Standard Civil Engineering Standard Method of Measurement (MyCESMM)	Ir. Gunasagaran Kristnan	1/1.	23-24/4/18	PPC (SC on EC)
		Lawatan Teknikal ke Kilang LB Aluminium Berhad	Ir. Gunasagaran Kristnan	0/1	24/4/18	PPC
		Bengkel Kerja bagi Membangunkan Guidelines for House Manufacturing	Ir. Gunasagaran Kristnan	1/1.	11-13/5/18	PPC
		Pembangunan Sistem Penilaian Infrastruktur Mampan - Industry Engagement bagi Pengharmonian Deraf Sistem Penilaian Infrastruktur Mampan	Ir. Mak Wai Kin Ir. Yau Chau Fong Ir. Sukhairul Nizam bin Abdul Razak Dato' Ir. Othman bin Ismail	1/1. 1/1. 1/1. 1/1.	8/6/18	GETD EETD E2TD ACT
		Jemputan ke Bengkel Kerja bagi Membangunkan Guidelines for House Manufacturing di Hotel The Everly Putrajaya pada 27 – 29 Julai 2018	Ir. Gunasagaran Kristnan	1/1.	27-29/7/18	PPC
		Statistic, Indices in Construction and Automation (SICA) 2018 Forum	Ir. Phang Chee Man Ir. Foo Jong Wee	1/1. 1/1.	14/8/18	ICTSIG ICTSIG
		Seminar On Avoiding Disputes - Lessons From The Past			6,8,10/8/18	PPC
		Refresher Course Bagi Tenaga Pengajar MyCESMM	Ir. Gunasagaran Kristnan Ir. Ho Kin Wing	1/1 1/1	31/7/18	PPC PPC
		Jemputan Ke Sesi Taklimat Berkaitan Pengiraan IBS Mengikut Manual For IBS Content Scoring System (IBS SCore) CIS 18:2018	No representative	0/1	8/8/18	-
		Jemputan Sesi Konsultasi ASEAN MRA on Building and Construction bersama Industri & Stakeholder	No representative	0/1	18/9/18	-
		Sesi Pembentangan CIS: 24 (IMPACT) Bersama "Stakeholder"	Ir. Gunasagaran Kristnan	1/1.	15/10/18	PPC
		Jemputan ke Bengkel Pemantapan Latihan Professional IBS	Ir. Gunasagaran Kristnan	1/1.	3-6/9/18	PPC



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		MCIEA 2019 - Jemputan Ke Bengkel Penambahbaikan Kategori Anugerah MCIEA	Ir. Gunasagaran Kristnan	1/1	26/11/18	PPC
		Bengkel Post Mortem Malaysian Standard Civil Engineering Standard Method of Measurement (MS CESMM)	Ir. Gunasagaran Kristnan	0/1	3-4/12/18	PPC
		Jemputan Ke Sesi Taklimat Berkaitan Pengiraan IBS Mengikut Manual For IBS Content Scoring System (IBS SCore) CIS 18:2018	<i>No representative</i>		29/11/2018	
		Jemputan Menghadiri Bengkel Semakan dan Penambahbaikan Standard Kompetensi bagi Program Pertauliah Pengurus Projek Pembinaan CIDB Malaysia			6/12/18	
8	CIDB MyIBS Sdn. Bhd.					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Majlis Pelancaran IMPACT 2018	Ir. Gunasagaran Kristnan	1/1.	8/11/18	PPC
9	Construction Research Institute of Malaysia (CREAM)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Bengkel Jawatankuasa Kerja Teknikal (Working Group Committee) Bil. 1/2018 bagi Projek Pembangunan Roadmap on Geotechnical with More Emphasis in Peat and Organic Soils in Malaysian Construction Industry 2018-2022	Ir. Lee Peir Tien	1/1.	22/2/18	GETD
		Jemputan Industry Workshop Identification Themes and Titles for Research in Malaysian Construction Industry 2018-2022	Ir. Wong Khien Ngie Ir. Dr. Ng Soon Ching	0/1 1/1.	30/3/18	PMTD CSETD
		MAMPAN Expert Forum on Landslides in Malaysia: Current Issues, Challenges and Future Direction	Ir. Yee Thien Seng Ir. Mak Wai Kin	1/1. 1/1.	14/5/18	GETD GETD
		Majlis Hari Raya CREAM 2018 & Office Warming	Dato' Ir. Lim Chow Hock	1/1.	25/6/18	Excomm
		MAMPAN Expert Forum Bil. 3/2018: Towards a Floods Resilient Infrastructure in Malaysia: Current Issues, Challenges and Future Direction.	Ir. Loo Chee Kin Ir. Kim Kek Seong Ir. Dr. Tony Chan Ir. Kok Hee Poh	1/1. 1/1. 1/1. 1/1.	6/9/18	PPC PPC WRD PPC
		Jemputan ke Bengkel Validasi Deraf Akhir Guidelines For House Manufacturing	Ir. Gunasagaran Kristnan	0/1	24/10/18	PPC
		Jemputan ke Majlis MAMPAN Luncheon Session	Ir. Yau Chau Fong	1/1.	10/12/18	PPC
10	Dewan Bandaraya Kuala Lumpur (DBKL)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Majlis Pelancaran Garis Panduan Jabatan Perancangan Infrastruktur	<i>No representative</i>	0/1	28/2/18	CSETD
		Sesi Pandangan Awam Berkaitan Draf Garis Panduan dan Kertas Dasar, Jabatan Kawalan Bangunan	Ir. Low Kai Wah	0/1	29/10/18	CSETD
11	Department of Standards Malaysia (DSM)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Majlis Anugerah Standard dan Akreditasi Kebangsaan 2018	Ir. David Lai Kong Phooi	1/1.	27/2/18	Excomm
		Dialogue between Malaysia National Policy Makers with the ISO President: Charting the Future through the Impact of Standards Usage	Ir. David Lai Kong Phooi Ir. Ong Ching Loon	0/1 1/1.	2/3/18	Excomm Excomm
		ASEAN-Australia Digital Trade Survey Focus Groups Session	En. Abdul Fattah bin Mohd. Yatim, MIEM	0/1	17/5/18	ICTSIG
		Program Pertandingan Olimpiad Standard Kebangsaan 2018, DSM	Ir. Yau Chau Fong	1/1.	26-28/6/18	PPC
		IEC Young Professionals 2018 Workshop	Mr. Alex Looi Tink Huey, Grad. IEM	1/1.	22-24/10/18	EETD



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		Majlis Amanat YB Timbalan Menteri Perdagangan Antarabangsa dan Industri serta Mesyuarat Majlis Standard dan Akreditasi Malaysia (MSDAM) Bil. 2/2018	Ir. David Lai Kong Phooi	1/1.	5/12/18	Excomm
12	Eastern Regional Organization for Planing and Human Settlements (EAROPH)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Sales and Marketing Conference: Utilizing Data to Build Demand Driven Real Estate	Ir. Gopal Narian Kutty Ir. Yam Teong Sian	0/1 1/1.	3/5/18	ACT PPC
13	EC-Council					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Malaysian Cyber Security Summit 2018	Ir. Chai Chen Sing	1/1.	20/3/18	ICTSIG
14	Geological Society of Malaysia					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Geological Society of Malaysia Annual Dinner 2018	Ir. Lee Peir Tien	1/1.	27/4/18	GETD
15	Greenbuildingindex (GBI) Sdn Bhd					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Green Building Index 200 Million Sq Ft of Certified Green Buildings Gala Dinner 2018	Ir. Gopal Narian Kutty	1/1.	13/7/18	ACT
16	Islamic Revolution of Iran					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	39th Anniversary of the Victory of the Islam Revolution of Iran	Ir. Elias bin Saidin	0/1	13/2/18	CA
17	IEM Miri Branch					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	IEM Miri Branch Biennial Dinner: Differentiate the Past, Integrate the Present, Transform the Future	Ir. David Lai Kong Phooi Mr. Tan Zhi Howe, Grad. IEM	1/1. 1/1.	3/3/18	Excomm YES
18	IEM Negeri Sembilan Branch IEM Sabah Branch					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan ke Persidangan Meja Bulat "Mata Wang Kripto dan Sistem Kewangan Digital"	En. Abdul Fattah bin Mohamed Yatim, MIEM	0/1	28/2/18	ICTSIG
19	Infrastructure University Kuala Lumpur (IUKL)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	9th I-Geo Seminar Series on Water Quality: Impacts, Implication and Mitigation Measures	Ir. Sreedaran a/l Raman	1/1.	23/1/18	WRTD
20	Institute of Islamic Understanding Malaysia / Institut Kefahaman Islam Negeri Malaysia (IKIM)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	ASEAN 2050 Forum - 4th Industrial Revolution	En. Abdul Fattah bin Mohamed Yatim, MIEM	0/1	28/2/18	ICTSIG
21	Institute of Landscape Architects Malaysia					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan Sebagai Tetamu Khas Di Majlis Makan Malam "Malaysia Landscape Architecture Awards (MLAA)" 2018	Ir. David Lai Kong Phooi	0/1	21/4/18	Excomm
22	Institution of Geospatial and Remote Sensing Malaysia (IGRSM)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan Sebagai DIF Kehormat Bagi 9th IGRSM International Conference & Exhibition on Geospatial and Remote Sensing (IGRSM 2018)	Ir. Dr. Tan Yean Chin	0/1	24-25/4/18	Excomm



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee	
23	International Science, Technology & Innovation Centre for South-South Cooperation (ISTIC)						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation to be a Keynote Speaker: Training Workshop on Maintenance of Infrastructure (26-28 March 2018)	Ir. David Lai Kong Phooi	1/1.	27/3/18	Excomm
24	Jabatan Bomba & Penyelamat Malaysia / Fire and Rescue Department Malaysia						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Soft Launch IFCEM 2018	Ir. Thin Choon Chai	0/1	20/2/18	PPC (FAB)
			The International Fire Conference and Exhibition Malaysia 2018	Ir. Thin Choon Chai	1/1.	27-29/3/18	PPC (FAB)
		Jemputan Menyertai Larian Bersama Bomba (LBB) Kali Ke-XVI Tahun 2018 Sempena Sambutan Hari Anggota Bomba Sedunia	No representative	0/1	28/7/18	PPC (FAB)	
25	Jabatan Kerja Raya Malaysia (JKR)						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Bengkel Penyediaan Garis Panduan Bagi Kajian Penilaian Kesan Trafik (Traffic Impact Assessment, T.I.A)	Ir. Chin Kar Keong Ir. Ong Sheng How	0/1 0/1	17-18/7/18	HTETD HTETD
26	Jabatan Meteorologi Malaysia (JMM)						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Seminar Teknikal Kebangsaan: Gempa Bumi dan Tsunami 2018	Ir. Lee Peir Tien	0/1	27-28/3/18	GETD
27	Jabatan Mineral dan Geosains Malaysia (JMG)						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Workshop on Resilience on Asian Cities: Urban Geology of Kuala Lumpur	No representatives	0/1	23-24/1/18	GETD
28	Jabatan Pengairan & Saliran Malaysia (JPS)						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	International Symposium on Coastal Erosion and Environment (ISCEE 2018)	No representatives	0/1	12-14/2/18	EnvETD
29	Jabatan Perdana Menteri						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan ke Stakeholder Consultation Workshop on National Sustainable & Production (SCP) Blueprint	No representatives		12-13/11/18	
30	KDU University College Sdn Bhd						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	External Stakeholders (Employers, Alumni, External Examiner, Industry Advisors / Programme Advisors)	Ir. Dr. Aidil bin Chee Tahir	1/1.	17/1/18	METD
31	Kementerian Perdagangan Dalam Negeri, Koperasi dan Kepenggunaan (KPDNKK)						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Seminar on Overview of Product Safety Activities in Malaysia and Japan	Dr. Siow Chun Lim, Grad. IEM	1/1.	27-28/2/18	EETD
32	Kementerian Perumahan & Kerajaan Tempatan (KPKT)						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Bengkel Pemantapan dan Pemahaman UUK 38A UKBS 1984 - ON ENERGY EFFICIENCY IMPLEMENTATION BY 20 LOCAL AUTHORITIES BY Q4 2020	Ir. Yau Chau Fong	0/1	9/3/2018	PPC



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		Bengkel Pemantapan dan Pemahaman UUK 38A UKBS 1984 - ON ENERGY EFFICIENCY IMPLEMENTATION BY 20 LOCAL AUTHORITIES BY Q4 2020	Ir. Yau Chau Fong	1/1.	10/30/28	PPC
		Sesi Perjumpaan Ketua Setiausaha Kementerian Perumahan dan Kerajaan Tempatan (KPKT) bersama wakil Submitting Person (SP) Berhubung Isu Kebenaran Merancang (KM)	No representatives	0/1	12/17/18	PPC
33	Kementerian Sains, Teknologi Dan Inovasi (MOSTI)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Majlis Perasmian Dan Program Minggu Sains Negara 2018	Ir. Amir Hussein bin Jaafar	0/1	3/4/18	EETD
34	Kuala Lumpur Regional Centre for Arbitration (KLRCA)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	How Do the Malaysian and Chinese Legal Professionals Benefits from the "One Belt One Road" Initiative? KLRCA's Series Talk	Ir. Lai Sze Ching	1/1.	20/1/18	PPC
35	Malaysian Air-Conditioning & Refridgeration Association (MACRA)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	MACRA 18th Anniversary Dinner 2018	Ir. Ong Ching Loon	1/1.	23/11/18	Excomm
36	Majlis Bandaraya Petaling Jaya (MBPJ)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Majlis Penyampaian Pensijilan ISO 45001:2018 Sempena Hari Kesedaran Occupational Safety, Health and Environment (OSHE) Majlis Bandaraya Petaling Jaya	Ir. Gunasagaran Kristnan	1/1.	5/11/18	PPC
37	Majlis Perbandaran Subang Jaya (MPSJ)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Lab MPSJ Bandar Hijau Mesra Wanita	Ir. Hjh. Raftah binti Raftah	1/1.	15/5/18	PPC/WE
38	Malaysia Automotive Institute (MAI)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Pelancaran Malaysia Autoshow 2018	No representative	0/1	26/4/18	METD
39	Malaysia-China Chamber of Commerce (MCCC)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Exchange Meeting on 3D Construction Printing	No representative	0/1	2/2/18	CA
		MCCC Lunar New Year Celebration 2018	Ir. Dr. Tan Yean Chin	0/1	24/2/18	Excomm
		Invitation to the Business Outlook 2018 Talk	No representative	-	21/7/18	-
40	Malaysia Competition Commission (MyCC)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Session on Strengthening Competition through Market Review by Malaysia Competition Commission	Ir. Ong Ching Loon	1/1.	10/4/18	CA
41	Malaysia External Trade Development Corporation (MATRADE)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Seminar on Sourcing Opportunities for the Construction Sector Related Industries in the Philippines with AlloyMtd Philippines Inc.	Ir. Ong Ching Loon	0/1	22/3/18	CA
		Trade Talk @ MIHAS 2018 MATRADE	Ir. Ong Ching Loon	0/1	4/5/18	CA



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
42	Malaysia Green Building Confederation (MGBC)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Master Jury for MalaysiaGBC Leadership in Sustainability Awards 2018	Ir. David Lai Kong Phooi	1/1.	26/4/18	Excomm
		VIP Invitation to Attend MalaysiaGBC Grand Annual Dinner & Awards Night 2018	Ir. Ong Ching Loon	1/1.	11/5/18	Excomm
		ASHRAE Malaysia 33rd Annual Dinner	Ir. Chong Chew Fan	1/1.	12/10/18	EETD
43	Malaysia Productivity Corporation (MPC)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Professional Talk on Architectural and Engineering Industry	Ir. Sim Hui Kheng	1/1.	30/1/18	IEM Sarawak Branch
		Sesi Perundingan Bersama Industri bagi Inisiatif Menyemak Semula Langkah-Langkah Bukan Tarif (NTMs)	Ir. Yim Hon Wa Ir. Hj. Mohd. Radzi bin Salleh Ir. Gunasagaran Kristnan Ir. Hooi Wing Chuen	1/1. 1/1. 1/1. 1/1.	27/2/18	CA PPC CA CSETD
		Invitation to Competitive Malaysia Series 2018	<i>No representative</i>	0/1	28/2/18	CA
		Invitation to the Showcase on Innovation for Productivity (SHIP)	Ir. Yam Teong Sian	1/1.	22/3/18	CA
		Jemputan Ke Konvensyen MTEEx 2018	Mr. Tan Zhi Howe, Grad. IEM	0/1	24/4/18	YES
		VIP Invitation to Attend MalaysiaGBC Grand Annual Dinner & Awards Night 2018	Ir. Ong Ching Loon	1/1.	11/5/18	Excomm
		Invitation to Workshop on Unified Public Consultation (UPC) Awareness & User Acceptance Testing (UAT) for Nexus and Industries			19/12/18	
44	Malaysian-German Chamber of Commerce and Industry (MGCC)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	SWP Systems GmbH	<i>No representative</i>	0/1	12/1/18	ACT
45	Malaysian Investment Development Authority (MIDA)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Special Briefing by Economic Planning Unit, Perlis on; An Update on Investment Opportunities in Perlis	<i>No representative</i>	0/1	12/1/18	CA
		MIDA Invest Series: Unfolding States Business Potential for Kelantan	<i>No representative</i>	0/1	8/2/18	CA
		MIDA Invest Series: Unfolding States' Business Potential	<i>No representative</i>	0/1	23/2/18	CA
		Discussion with Mr. Lee (IEM) on the F&S MIDA Human Capital Study Discussion Guide	Ir. Lee Chang Quan	1/1.	3/4/18	CA
		National Supply Chain Conference on Rail Projects & Career Fair 2018	Ir. Loo Chee Kin	0/1	11/4/18	METD
		Program Electronics Talent Career Fair	<i>No representative</i>	0/1	22-24/5/18	YES
46	Malaysian Service Providers Confederation (MSPC)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	MITI Minister Special Engineering Fraternity Productivity Dialogue	Ir. David Lai Kong Phooi Ir. Abdul Razak bin Yakob	1/1. 1/1.	8/3/18	Excomm Excomm



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee	
47	Malaysian Timber Industry Board (MTIB)	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Forum "Strategic Business Plan for Standardisation on Timber, Timber Products and Timber Structures"	Ir. Prof. Dr. Mohd. Zamin bin Jumaat	0/1	9/4/18	CSETD
			Konsultasi Bersama Industri (Ulasan Umum) Ke atas Draft Malaysian Standard (DMS) On Laminated Bamboo for General Use - Specifications	Ir. Prof. Dr. Mohd. Zamin bin Jumaat	1/1.	29/11/18	CSETD
48	Master Builders Association Malaysia (MBAM)	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	The MBAM Technical Services Briefing 1/2018	<i>No representative</i>	0/1	12/1/18	Excomm
			MBAM Fellowship Gathering 1/2018	Ir. Dr. Tan Yean Chin Ir. Yam Teong Sian	1/1. 1/1.	12/1/18	Excomm Excomm
			MBAM Fellowship No. 2/2018	Ir. Dr. Tan Yean Chin Mr. Loh Wooi Chuan, Grad. IEM	1/1. 1/1.	27/2/18	Excomm GETD
			Malaysia IBS International Exhibition 2018 (MIIE2018) - Seminar on Enhancement of Productivity through Smart Construction Technologies - Invitation for 2 speakers	Mr. Yeo Shih Horng, Grad. IEM	1/1.	28/3/18	CSETD
			64th MBAM Anniversary Dinner Celebration	Ir. David Lai Kong Phooi Ir. Prof. Dr. Ruslan bin Hassan	0/1 1/1.	11/5/18	Excomm Excomm
			Courtesy Visit to CIDB	Ir. David Lai Kong Phooi Ir. Lai Sze Ching	0/1 0/1	21/5/18	Excomm PPC
49	Ministry of Finance (MoF)	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Majlis Menandatangani Memorandum Persefahaman di antara Kerajaan Malaysia dengan Sk Group, Korea Selatan	Ir. Ong Ching Loon	1/1.	23/2/18	CA
50	Ministry of Human Resource (MOHR)	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan Majlis Pelancaran Pilot Project Pematuhan Garis Panduan Occupational Safety and Health in Construction industry (Management) OSHCIM	Ir. Gunasagaran Kristnan Ir. Gopal Narian Kutty Ir. Choo Chee Ming Ir. Derick Chia Ir. Yim Hon Wa	1/1. 0/1 0/1 0/1 0/1	12/11/18	PPC Excomm EETD EETD PPC
51	Ministry of International Trade and Industry (MITI)	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Promotion Workshop and Handholding Session "Anugerah Kecemerlangan Industri (AKI) 2018"	<i>No representative</i>	0/1	15/1/18	CA
52	Malaysian Institute of Road Safety Research (MIROS)	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan Menghadiri 2nd Conference of ASEAN Road Safety (CARS) 2018			4-6/12/18	HTETD
53	MYHSR Corporation Sdn Bhd	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Sesi Kerja Pelan Pembangunan Industri Kereta Api Berkelajuan Tinggi untuk Malaysia (HSR Industry Development Blue print for Malaysia)	<i>No representative</i> Ir. Yeoh Jit Shiong Ir. Derick Chia Chee Weng Dr. Lim Chin Seong, Grad. IEM Ir. Dr. Aidil bin Chee Tahir	0/1 1/1. 1/1. 1/1. 1/1.	16-18/1/18	ACT METD METD METD METD



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee	
54	National Institute of Occupational Safety & Health (NIOSH)						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan Sebagai Ahli Kumpulan Fokus untuk Pembangunan Garis Panduan Kawalan Hazard Kesihatan (KHK) bagi Sektor Perkhidmatan Air.			4/12/18	WRTD
55	Northern Corridor Implementation Authority (NCIA)						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Bengkel Pembangunan Kota Perdana / Zon Ekonomi Sempadan Khas (SBEZ) Bukit Kayu Hitam, Kedah bagi Workstream Fizikal	Ir. Ting Chek Choon	1/1.	21/3/18	IEM Penang Branch
56	Pejabat Setiausaha Kerajaan Negeri Selangor, Bahagian Unit Pengurusan Bencana Negeri Selangor						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan ke Majlis Pelancaran Kutipan Dana Tabung Amanah Pendidikan Putrajaya (TAPP) bagi Cadangan Pembangunan Pusat Tahfiz Putrajaya	Ir. Loo Chee Kin	1/1.	27/2/18	PPC (DRRAB)
				En. Azahari bin Md. Rejab, Grad. IEM	1/1.		PPC (DRRAB)
				Ir. Kok Hee Poh	1/1.		PPC (DRRAB)
57	Perbadanan Putrajaya						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan ke Majlis Pelancaran Kutipan Dana Tabung Amanah Pendidikan Putrajaya (TAPP) bagi Cadangan Pembangunan Pusat Tahfiz Putrajaya	<i>No representative</i>	0/1	19/1/18	Excomm
58	Persatuan Pengurusan Kompleks Malaysia (PPK)						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	PPKM's Glam Hatter's Gala	Ir. Ong Ching Loon	1/1.	29/8/18	Excomm
59	Pertubuhan Akitik Malaysia (PAM) / Malaysian Institute of Architects)						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Pre-Launching and Engagement Session on PAM Standard Form of Building Contracts 2018	Ir. Alan Chan	1/1.	17/1/18	FAB, PPC
				Ir. Gunasagaran Kristnan	1/1.		PPC (SC on EC)
				Ir. Ho Kin Wing	1/1.		PPC (SC on EC)
			PAM Standard Form of Building Contract 2018: Invitation to Attend Workshop with Stakeholders #1	Ir. Gunasagaran Kristnan	0/1	10/2/18	PPC (SC on EC)
				Ir. Ho Kin Wing	0/1		PPC (SC on EC)
				Ir. Hj. Shahul Ikram bin Adnan	0/1		PPC (SC on EC)
			PAM Standard Form of Building Contract 2018: Invitation to Attend Workshop with Stakeholders #2	Ir. Gunasagaran Kristnan	0/1	17/3/18	PPC (SC on EC)
60	Real Estate and Housing Developers' Association Malaysia (REHDA)						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	PAM Contract 2018 Launch	Ir. Lai Sze Ching	0/1	11/4/18	PPC
				Ir. Gunasagaran Kristnan	1/1.		PPC (SC on EC)
			PAM Annual Dinner 2018	Ir. David Lai Kong Phooi	1/1.	12/5/18	Excomm
60	Real Estate and Housing Developers' Association Malaysia (REHDA)						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	REHDA Property Forum "Property Market 2018 - Mega Trend"	Ir. Dr. Tan Yean Chin	1/1.	4/4/18	Excomm



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		MAPEX 2018 - Opening Ceremony	Ir. Gopal Narian Kutty	1/1.	27/4/18	ACT
		Invitation to Speak at REHDA Institute's Half-Day Mechanical & Electrical (M&E) Dialogue	Ir. Loo Chee Kin Ir. Chong Chew Fan	0/1 0/1	6/6/18	METD EETD
		REHDA Raya Open House 2018	Ir. Ong Ching Loon Ir. Soong Peng Soon	1/1. 0/1	14/7/18	Excomm PPC
61	Royal Intitution of Surveyors Malaysia (RISM)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	RISM Chinese New Year Open House 2018	Ir. David Lai Kong Phooi	1/1.	26/2/18	Excomm
		27th National Real Estate Convention	Ir. Lai Sze Ching Ir. Yau Chau Fong	1/1. 0/1	8/3/18	PPC PPC
		20th International Surveyors' Congress: Future Proofing the Profession	Ir. Lee Boon Chong	0/1	28/6/18	E&Q
		57th Anniversary Dinner	Ir. Lai Sze Ching Ir. Prof Dr Norlida bt Buniyamin Ir. Gopal Narian Kutty Ir. Dr Tan Chee Fai Ir. Chen Harn Shean Ir. Gunasagaran Kristnan Ir. Dr Jeyanthi Ramasamy Ir. Dr Lee Yun Fook Ir. Prof Dr Leong Wai Yie Ir. Yam Teong Sian Ir. Yau Chau Fong	1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1.	30/6/18	PPC Excomm Excomm Excomm Excomm Excomm Excomm Excomm Excomm
62	SIRIM Berhad					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan ke Majlis SIRIM Industri 2018	<i>No representative</i>	0/1	15/11/18	-
63	SIRIM STS Sdn Bhd					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	SIRIM Industry Dialogue 21 July 2017 - Follow up Meeting	Ir. Vasan Mariappan Ir. Yong Hong Liang Mr. Koh Yong Teng Ir. Dr. Chew Chong Key En. Mohd Shafiq bin Idris Ir. Mohd Fazly bin Mail	1/1. 1/1. 1/1. 1/1. 1/1. 1/1.	11/5/18	AFETD AFETD AFETD AFETD AFETD
		National Consultation on Draft MS 17S001R0 - VAPE	Ir. Sukhairul Nizam bin Abdul Razak	1/1.	22/5/18	METD
64	Sunway University					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	TN50: The Road Ahead	Ir. Lalchand a/l Gulabrai	1/1.	12/1/18	CESIG
		Green Finance for Energy Security and Sustainable Development	<i>No representative</i>	0/1	14/1/18	ACT
		JCI Forum: Keeping the Promise of Reform	<i>No representative</i>	0/1	14/5/18	ACT
65	Suruhanjaya Tenaga (ST)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	1-Day Seminar on Study of Lightning Protection System for Buildings in Malaysia	Ir. Yau Chau Fong	1/1.	13/2/18	EETD
		Pelaksanaan Study on Colour Coding Transition in Accordance to IEC 60445 in Malaysia – Program Focus Group Discussion	Ir. Ng Win Siau Ir. Lim Kim Ten	1/1. 1/1.	18/4/18	EETD PPC
		Pelaksanaan Study on Colour Coding Transition in Accordance to IEC 60445 in Malaysia – Program Dialog Bersama Industri	Ir. Yau Chau Fong Mr. Low Pek Jun Ir. Lim Kim Ten	1/1. 1/1. 1/1.	23/4/18	EETD EETD PPC



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
		Jemputan Bagi Menghadiri Energy Commission Talk: 'Geopolitics and Uncertainties in the World Energy Market With Special Focus on	<i>No representative</i>	0/1	14/8/18	-
		Jemputan bagi Menghadiri Energy Commission Talk : IEEJ Outlook 2019: Global Supply and Demand Outlook for Gas and Electricity		0/1	11/12/18	-
66	Tenaga Nasional Berhad (TNB)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation to the Conference of the Electrical Power Supply Industry (CEPCI) 2018 Official Soft Launch and Press Conference on 17th - 22nd September 2018 at KL Convention Centre	Ir. Yau Chau Fong	1/1.	18/1/18	EETD
		Sesi Perkongsian Maklumat Bersama Global Earthquake Model (GEM) Foundation	<i>No representative</i>	0/1	7/5/18	EETD
		NGO's Engagement Session With Tenaga Nasional Berhad		0/1	6/12/18	EETD
67	The Associated Chinese Chambers of Commerce and Industry of Malaysia (ACCIM)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	ACCIM Chinese New Year Grand Dinner 2018	Ir. Lai Sze Ching Ir. Ong Ching Loon Ir. Prof. Dr. Jeffrey Chiang Choong Luin	1/1. 1/1. 1/1.	24/2/18	Excomm Excomm Excomm
		Opening Ceremony of 72nd Annual General Meeting of the Associated Chinese Chambers of Commerce and Industry of Malaysia (ACCIM)	Ir. Yam Teong Sian	1/1.	20/7/18	CA
68	The Hong Kong Institution of Engineers (HKIE)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	The 33rd Annual Seminar cum Annual Dinner of the Young Members Committee	Mr. Tan Zhi Howe, Grad. IEM	1/1.	6/6/18	YES
69	The Institution of Engineer Malaysia, Negeri Sembilan Branch					
	Dialogue / Meetings:	Invitation to Attend 25th Annual General Meeting (AGM) The Institution Of Engineers Malaysia, Negeri Sembilan Branch	Ir. Ong Ching Loon	1/1.	30/6/18	Excomm
70	The Institution of Engineer Malaysia, Pahang Branch					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation as Guest of Honour for National Summit IEM Pahang's Dinner	Ir. Mohd Khir bin Muhammad	1/1.	21/7/18	Excomm
71	The Institution of Engineer Malaysia, Penang Branch					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	51st Annual Dinner	Ir. Ong Ching Loon	1/1.	2/11/18	Excomm
72	The Institution of Engineer Malaysia, Sarawak Branch					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation to Attend IEM Sarawak Branch Annual Dinner	Ir. Ong Ching Loon Ir. Mohd Khir bin Muhammad	1/1. 1/1.	30/6/18	Excomm Excomm
73	The Institution of Engineer Malaysia, Southern Branch					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation to Attend IEM Southern Branch Annual Dinner 2018	Ir. David Lai Kong Phooi	1/1.	28/7/18	Excomm



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
74	The Institution of Engineering and Technology (IET)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation as Judge for Present Around the World (PATW) 2018	Mr. Tan Zhi Howe, Grad. IEM	1/1.	12/5/18	YES
		IET Malaysia Network Plad & Award Night 2018	Ir. David Lai Kong Phooi	1/1.	22/9/18	Excomm
75	The Malaysian Insurance Institute (MII)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation as a Keynote Speaker: An Interactive Workshop on "Mega Commercial Project Development in Malaysia - Risk and Insurance Perspective"	Ir. Dr. Tan Yean Chin	1/1.	3/7/18	Excomm
76	The Malaysian Water Association					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	30th Anniversary Annual Dinner & Awards Night	Ir. Ong Ching Loon	1/1.	7/9/18	Excomm
77	The University of Auckland					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation to Meet with Join Professor Covic, Vice-Chancellor Professor Stuart McCutcheon - Networking	Ir. Dr. Ooi Teik Aun	1/1.	28/6/18	TUSTD
78	United Business Media (UBM)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Luncheon on the Occasion of the Visit of Mr. Tim Cobbold, CEO, UBM PLC	Ir. Ong Ching Loon	1/1.	11/4/18	WRTD
		Opening Ceremony - Asiwater 2018 Expo & Forum	<i>No representative</i>	0/1	11/4/18	WRTD
		Keynote Address - Asiwater 2018 Expo & Forum	<i>No representative</i>	0/1	12/4/18	WRTD
		ASEAN M&E Show 2018 - ASEAN PREMIER MECHANICAL & ELECTRICAL ENGINEERING SHOW - GROUP VISIT INVITATION	<i>No representative</i>	0/1	17-19/7/18	EETD METD
79	Universiti Malaya (UM), Kuala Lumpur					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Seminar Kebangsaan STEM Mentor Mentee 2018 di Pusat Asasi Sains Universiti Malaya	Ir. Chua Yaw Long	0/1	31/7/18 1/8/18	E2TD
80	Universiti Teknologi Malaysia (UTM), Kuala Lumpur					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Open Day 2018 Disaster Preparednes & Prevention Centre (DPPC) & Master Disaster Risk Management (MDRM)	Ir. Gunasagaran Kristnan Dato' Ir. Nor Hisham bin Mohd Ghazali	1/1. 1/1.	19/4/18	PPC (DRRAB) PPC (DRRAB)
		Invitation to UTM Intellectual Discourse 2018: Disaster Risk Management - Geohazard Information for Disaster Risk Assessment	Ir. Loo Chee Kin	0/1	31/5/18	PPC (DRRAB)
		Inaugural SEGRM Symposium on Geo-Engineering in Tropical Region	Ir. Lee Peir Tien Dr. Boon Chia Weng	0/1 1/1.	3-4/7/18	GETD TUSTD
81	Universiti Teknologi MARA (UiTM)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	A Focus Group Session on Timber Utilization in the Construction Industry in Malaysia	Ir. Prof. Dr. Mohd. Zamin bin Jumaat	1/1.	7/3/18	CSETD
82	Universiti Tun Hussein Onn, Malaysia (UTHM)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	IEM-SS UTM Annual Grand Dinner 2018	Mr. Tan Zhi Howe, Grad. IEM	1/1.	18/5/18	YES



No	Organization	Title	Representatives	Attendance	Date (D/M/Y)	Committee
83	Universiti Tunku Abdul Rahman (UTAR)	Inaugural Symposium on Railway Infrastructure and Engineering	Ir. Prof. Dr. Jeffrey Chiang Choong Luin	1/1.	24/1/18	ACT
			Ir. Eeh Yih Bing	1/1.		HTETD
			Ir. Ong Sheng How	1/1.		HTETD
		Invitation as Speaker for Route to Professional Engineer in Highway & Transportation Engineering	Ir. Assoc. Prof. Edwin Goh Boon Hoe	1/1.	28/2/18	HTETD
		UTAR's 26th Convocation Ceremony		1/1.	11/3/18	Excomm



ENGINEERING HALL OF FAME

2009

Allahyarham Tan Sri Ir. Hj Yusoff bin Ibrahim	IEM Founding Member and 1st 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 1st non European to hold the position of Chairman of Commonwealth Engineering Council (CEC)
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

Allahyarham Tan Sri Dato' Ir. (Dr) Haji Abu Zarim bin Haji Omar	IEM President responsible for housing IEM Secretariat at TNB office at JalanTimur 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 1st Malaysian to become President of World Federation of Engineering Organisations (WFEO). The second Malaysian to Chair Commonwealth Engineering Council (CEC)



Most Supportive Member for Recruitment of Graduate Members

Year	Recipient	Award given in
2007	<i>Ir Prof Dr Amir Hashim bin Mohd Kassim</i>	2008
2008	<i>Ir Abdul Talib bin Din</i>	2009
2009	<i>Ir. Dr Ramlee Karim</i>	2010
2010	<i>Ir. Adnan Zulkiple</i>	2011
2011	<i>Ir. Ahmad bin Tamby Kadir</i>	2012
2012	<i>Ir. Prof. Dr Zainal Abidin bin Ahmad</i>	2013
2013	<i>Ir. Dr. Tan Chee Fai</i>	2014
2014	<i>Ir. Prof. Dr Zainal Abidin bin Ahmad</i>	2015
2015	<i>Ir. Harizan bin Che Mat Haris</i>	2016
2016	<i>Ir. Dr. Khoo Hooi Ling @ Lai Hooi Ling</i>	2017
2017	<i>Ir. Dr. Khoo Hooi Ling @ Lai Hooi Ling</i>	2018

Most Supportive Organisation for Recruitment of Graduate Members

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

Most Supportive Member for Recruitment of Corporate Members

Year	Recipient	Award given in
2007	<i>Y.Bhg Dato' Sri Ir. Prof. Dr. Wahid bin Omar</i>	2008
2008	<i>Dato' Ir. Dr. Gue See Sew and also Ir. Chan Sai Chok (same score)</i>	2009
2009	<i>Ir. Ali Askar bin Sher Mohamad</i>	2010
2010	-	-
2011	-	-
2012	<i>Ir. Dr Ahmad Anuar bin Othman</i>	2013
2013	<i>Ir. Dr Ahmad Anuar bin Othman</i>	2014
2015	<i>Ir. Dr Ahmad Anuar bin Othman</i>	2016
2016	<i>Ir. Dr Ahmad Anuar bin Othman</i>	2017
2017	<i>Ir. Prof Dr Norlida bt Buniyamin</i>	2018

Most Supportive Organisation for Recruitment of Corporate Members

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

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

Most Active Organisation for Recruitment of Members

Year	Recipient	Award given in
2007	<i>Jabatan Kerja Raya Malaysia (JKR)</i>	2008
2008	<i>Sepakat Setia Perunding Sdn Bhd (SSP)</i>	2009
2009	<i>Jabatan Kerja Raya Malaysia (JKR)</i>	2010
2010	<i>Tenaga Nasional Berhad (TNB)</i>	2011
2011	<i>Tenaga Nasional Berhad (TNB)</i>	2012
2012	<i>Universiti Tun Hussein Onn Malaysia (UTHM)</i>	2013
2013	<i>Universiti Tun Hussein Onn Malaysia (UTHM)</i>	2014
2014	<i>Universiti Teknologi MARA (UiTM)</i>	2015
2015	<i>Universiti Teknologi MARA (UiTM)</i>	2016
2016	<i>Tenaga Nasional Berhad</i>	2017
2017	<i>Tenaga Nasional Berhad</i>	2018



PAST RECIPIENTS

Year Recipients and Projects

- 1985 Jabatan Telekom Malaysia**
Bagi Kabel Dasar-Laut: Projek Kuantan-Kuching
(For the Kuantan-Kuching Submarine Cable System)
- 1985 Jabatan Parit dan Taliair Malaysia**
Bagi Projek Pengairan Muda
(For the Muda Irrigation Project)
- 1986 Lembaga Letrik Negara Tanah Melayu**
Bagi Projek Pembangunan Hidro Elektrik Hulu di Perak
(For the Upper Perak Hydro-Electric Development Project)
- 1987 Lembaga Kemajuan Tanah Persekutuan (FELDA)**
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)
- 1988 Petroleum Nasional Berhad (Petronas Gas Sdn Bhd)**
Bagi Projek Penggunaan Gas Semenanjung Peringkat Pertama
(For the Peninsular Gas Utilisation Project - Stage 1)
- 1989 Perbadanan Memajukan Iktisad Negeri Terengganu dan Sepakat Setia Perunding Sdn. Bhd.**
Bagi Rekabentuk dan Pembinaan Pelabuhan Tanjung Berhala Malaysia
(For the Design and Construction of the Port of Tanjung Berhala in Malaysia)
- 1990 Lembaga Lebuhraya Malaysia**
Untuk Projek Jambatan Pulau Pinang
(For the Penang Bridge Project)
- 1993 Jabatan Pengairan dan Saliran Malaysia**
Untuk Projek Pembangunan Pertanian Integrasi di Johor Barat
(For the West Johore Intergrated Agricultural Development Project)
- 1993 Tenaga Nasional Berhad**
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)
- 1994 Lembaga Lebuhraya Malaysia dan Projek Lebuhraya Utara-Selatan Berhad**
Atas Projek Lebuhraya Utara-Selatan
(On the North-South Toll Expressway Project)
- 1995 Jabatan Kerja Raya**
Atas Peranan Jabatan Kerjaraya dalam Pembangunan Nasional
(On the Role of JKR in National Development)
- 1996 Malaysian Institute of Microelectronic Systems (MIMOS)**
Atas Perannya Dalam Pembangunan Mikroelektronik dan Teknologi Maklumat
(On Its Role in the Development of Microelectronics and Information Technology)
- 1997 Ethylene Malaysia Sdn. Bhd. dan Polyethylene Malaysia Sdn. Bhd.**
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)
- 1998 KLCC (Holdings Bhd)**
Bagi Memajukan Projek Menara Berkembar Petronas
(On the Development of the Petronas Twin Tower Project)
- 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)



Year Recipients and Projects

- 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 Rimbua, Alor Gajah, Melaka dengan Keupayaan Pengeluaran Tahunan melebihi 1GW Puncak "Panel Suria Yang Tercepat 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, Rimbua 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 salam 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)

**PENGANUGERAHAN IEM ATAS SUMBANGAN TERHADAP
PROFESION KEJURUTERAAN DALAM MALAYSIA**

**IEM AWARD FOR CONTRIBUTION TO
ENGINEERING PROFESSION IN MALAYSIA**

PAST RECIPIENTS

Year Recipients and Projects

- 1989** Y.Bhg. Tan Sri Dato' Ir. (Dr) Shamsudin bin Abdul Kadir
Executive Chairman, Sapura Holdings Sdn. Bhd.
- 1990** Ir. Hong Lee Pee
Director and Chief Executive, Pilecon Engineering Bhd.
- 1993** Y.Bhg. Dato' Ir. Prof. Dr Muhammad Ridzuan bin Hj. Salleh
Vice Chancellor, Universiti Teknologi Malaysia
- 1994** 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
- 1995** Y.Bhg. Tan Sri Dato' Ir. Hj. Shahrizaila bin Abdullah
Director-General, Department of Irrigation and Drainage
- 1996** Y.Bhg. Dato' Dr Ir. Ahmad Tajuddin bin Ali
Director-General, Standards and Industrial Research Institute of Malaysia



Year Recipients and Projects

- 1997** Y.Bhg. Dato' Ir. Zaidan bin Hj. Othman
Executive Chairman, Time Telecommunications Sdn. Bhd. concurrently
Executive Vice Chairman, Kinta Kellas Public Limited Company
- 1999** Y.Bhg. Tan Sri Dato' Ir. Omar bin Ibrahim
President, Board of Engineers Malaysia concurrently Director-General of Public Works Department
- 2000** YAB Tengku Datuk Ir. Dr Mohd Azzman Shariffadeen bin Tengku Ibrahim
President and Chief Executive Officer of MIMOS Berhad
- 2002** Y.Bhg. Dato Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah
Director-General, Department of Irrigation and Drainage
- 2003** Y.Bhg. Tan Sri Dato' Ir. Hj. Zaini bin Omar
Director-General, Public Works Department
- 2005** Y. Bhg. Tan Sri Dato' Ir. Muhammad Radzi bin Hj. Mansor
Chairman, Telekom Malaysia Berhad
- 2006** Y.Bhg. Academician Dato' Ir. Lee Yee Cheong
President of World Federation of Engineering Organisations and Past President, IEM
- 2007** Y.Bhg. Dato'Sri Ir. Prof. Dr Wahid bin Omar
President of BEM and concurrently Director- General of Public Works Department
- 2010** The Late Ir. Chiam Teong Tee
Past President of IEM

**PENGANUGERAHAN IEM ATAS SUMBANGAN TERHADAP
PROFESION KEJURUTERAAN DALAM MALAYSIA**

**IEM AWARD FOR CONTRIBUTION TO
ENGINEERING PROFESSION IN MALAYSIA**

PAST RECIPIENTS

Year Recipients and Projects

- | | | |
|-------------|---|--|
| 2015 | Energy
Water and Waste Water
Construction
Property Development | Tenaga Nasional Berhad
Salcon
Sunway Construction Berhad
IJM Land Berhad |
| 2016 | Wastewater 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 | Ekovest Berhad
BSG Construction (Malaysia) Sdn Bhd
T&T Pacific Sdn Bhd
Daikin Malaysia Sales & Service Sdn Bhd
Bina Initiatives Sdn Bhd
One Smart Engineering Sdn Bhd
TenCate Geosynthetics Asia Sdn Bhd
UEM Edgenta Berhad |

ANUGERAH MERIT KHAS

IEM SPECIAL MERIT AWARD

PAST RECIPIENTS

Year Recipients and Projects

- 2013** Minconsult Sdn. Bhd.
For the successful completion of the Malaysia's first state of the art automated mail processing hub.



PAST RECIPIENTS

Year Recipients and Projects

2005	Y.Bhg. Dato' Ir. Prof. Dr Siti Hamisah bte Tapsir
2006	Ir. Ong Kik Hong
2007	Ir. Prof. Dr Siti Hawa bte 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 bt Abdullah
2016	Ir. Assoc. Prof. Dr Norlida bt Buniyamin
2018	Ir. Prof Dr Leong Wai Yie

PENGANUGERAHAN KEJURUTERAAN MUDA IEM

IEM YOUNG ENGINEER AWARD

PAST RECIPIENTS

Year Recipients and Projects

1991	Y.Bhg. Academician Dato' Ir. Prof. Dr Chuah Hean Teik	
1995	Prof. Dr Marzuki bin Khalid	
2004	Ir. Dr Koo Voon Chet	- Industry award
2004	Ir. Prof. 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 s/o Ramachandramurthy	- Academic award
2009	Ir. Teh Tzyy Wooi	- Industry award
2010	Ir. Prof. Dr Dominic Foo Chwan Yee	- Academic award
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

PENGANUGERAHAN KEJURUTERAAN ASEAN

THE ASEAN OUTSTANDING ENGINEERING ACHIEVEMENT AWARD

PAST RECIPIENTS

Year Recipients and Projects

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 - awarded in 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] - awarded in Bandung, Indonesia
1996	Malaysian Resources Corporation Berhad - (<i>Organiser – The Institution of Engineers, Malaysia</i>)[IEM] The Construction of the SEGARI Power Station - awarded in 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 - awarded in 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 - awarded in 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 - awarded in Raffles City, Singapore



Year	Recipients and Projects
2000	Projek Usahasama Transit Ringan Automatik Sdn Bhd (PUTRA) (Organiser – Vietnam Union of Science and Technological Associations)[VUSTA] The Construction of the Light Rail Transit System 2 - awarded in Hanoi, Vietnam
2001	Y.Bhg. Tan Sri Dato' Hj. Ir. Zaini bin Omar (Organiser – Pertubuhan Ukur, Jurutera an Arkitek)[PUJA] - awarded in Bandar Seri Begawan, Brunei Darussalam
2001	Y. Bhg. Academician Dato' Ir. Lee Yee Cheong (Organiser – Pertubuhan Ukur, Jurutera dan Arkitek)[PUJA] - awarded in Bandar Seri Begawan, Brunei Darussalam
2002	Y.Bhg. Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah (Organiser – Engineering Institute of Cambodia)[EIC] - awarded in Phnom Penh, Cambodia
2005	MEI Consultants Sdn Bhd (Organiser – Laos Union of Scientists and Engineers Association)[LUSEA] On The Successful Design and Completion of Stevian Biotechnology Facilities in Enstek, Negeri Sembilan - awarded in Vientiane, Lao PDR
2006	Perunding Mahir Bersatu Sdn Bhd jointly with Sinclair Knight Merz Engineering Sdn Bhd (Organiser – The Institution of Engineers, Malaysia)[IEM] On The Structural Design of Putrajaya International Convention Centre - awarded in Kuala Lumpur, Malaysia
2006	Fraser and Neave Berhad (Organiser – The Institution of Engineers, Malaysia)[IEM] For Zon-e @ Fraser Biz Park Development - awarded in Kuala Lumpur, Malaysia
2007	Multimedia University Malaysia (Organiser – The Philippines Technological Council)[PTC] On Its Role as the First Private University in Malaysia in Providing Quality Engineering Education - awarded in Cebu, Philippines
2007	Ir. Dr Gue See Sew (Organiser – The Philippines Technological Council)[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) - awarded in Cebu, Philippines
2008	T & T Konsult Sdn Bhd (Organiser – The Engineering Institute of Thailand)[EIC] On the Design, Construction and Operation of Bukit Tagar Sanitary Landfill Project - awarded in Bangkok, Thailand
2010	Ir. Choo Kok Beng Organiser – Vietnam Union of Science and Technological Associations)[VUSTA] For his contribution to ASEAN Engineers Register (AER) and ASEAN Federation of Engineering Organisation (AFEO) - awarded in Hanoi, Vietnam
2011	Syarikat Mengurus Air Banjir & Terowong Sdn Bhd and Department of Irrigation and Drainage [JPS] (Organiser- Pertubuhan Ukur, Jurutera dan Arkitek) [PUJA] On the Construction and Design of SMART Tunnel Project - awarded in Bandar Seri Begawan, Brunei Darussalam
2012	M.E.I. Project Engineers Sdn Bhd (Organiser – Board of Engineers, Cambodia)[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' - awarded in Phnom Penh, Cambodia
2014	Ikhmas Jaya Sdn Bhd On the Successful Design and Innovativeness of the Double Tracking Swing Bridge in Prai - awarded in Yangon, Myanmar
2015	Jambatan Kedua Sdn Bhd (Organiser – The Institution of Engineers, Malaysia)[IEM] On the successful Design and Construction of the Second Penang Bridge Project - awarded in Penang, Malaysia
2015	PPAMPS, Ministry of Energy, Green Technology and Water Malaysia (Organiser – The Institution of Engineers, Malaysia)[IEM] On the successful Design and Construction of the Pahang-Selangor Raw Water Transfer Project - awarded in Penang, Malaysia
2015	Jabatan Bekalan Air KETTHA and Angkasa Consulting Services Sdn Bhd (Organiser – The Institution of Engineers, Malaysia)[IEM] For Outstanding Achievement in managing the Challenges in the Design, Construction and Supervision of Mengkuang Dam Expansion Project - awarded in Penang, Malaysia
2015	Perbadanan Bekalan Air Pulau Pinang Berhad (Organiser – The Institution of Engineers, Malaysia)[IEM] On the Successful Design and Construction of the Sungai Dua Water Treatment Plant - awarded in Penang, Malaysia



Year Recipients and Projects

- 2015** Y.Bhg Dato' Wong Siew Hai (*Organiser – The Institution of Engineers, Malaysia [IEM]*)
For his success as an Outstanding Engineer and Industry Leader who has devoted constantly to the Society and Community in Malaysia
- awarded in Penang, Malaysia
- 2017** Academician Dato' Ir. Prof. Dr. Chuah Hean Teik (*Organiser – The Engineering Institute of Thailand [EIT]*)
- awarded in Bangkok, Thailand
- 2017** Shell Projects and Technology, Malaysia- (*Organiser – The Engineering Institute of Thailand [EIT]*)
For the successful Design and Construction of the Malikai Deepwater Tension Leg Platform Project)
- awarded in Bangkok, Thailand

PENGANUGERAHAN JURUTERA TAHUNAN FEIAP

FEIAP ENGINEER OF THE YEAR AWARD

PAST RECIPIENTS

Year Recipients and Projects

- 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

**HASSIB J SABBAGH AWARD FOR
ENGINEERING CONSTRUCTION EXCELLENCE**

**WORLD FEDERATION OF
ENGINEERING ORGANISATION (WFEO) AWARD**

PAST RECIPIENTS

Year Recipients and Projects

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



**MINUTES OF 59TH ANNUAL GENERAL MEETING OF THE INSTITUTION OF ENGINEERS, MALAYSIA
HELD ON 21 APRIL 2018 AT MALAKOFF AUDITORIUM,
GROUND FLOOR, WISMA IEM, PETALING JAYA AT 9.00 AM**

MEMBERS PRESENT – AS PER APPENDIX A

1.0 OPENING ADDRESS BY THE PRESIDENT

- 1.1 The President, Ir. Dr Tan Yean Chin thanked and welcomed members present at the 59th AGM. He informed that three (3) different rooms were being used for the AGM, namely the Tan Sri Prof Ir. Chin Fung Kee Auditorium located on the 3rd Floor, the C&S/TUS Lecture Room on the 2nd floor and lastly the Malakoff Auditorium on the ground floor, which was the main room for the AGM.

The President further informed that video conferencing would be held in the two rooms on the third floor and second floor respectively (*Tan Sri Prof Ir. Chin Fung Kee Auditorium and C&S/TUSTD Lecture room*). The President also informed that Secretariat staff were stationed in each of the rooms to assist members during the AGM especially on posing questions as well as confirming the minutes the last AGM. The President also reminded that members who wish to raise questions should provide their name and membership number during the Q&A sessions for record purposes. The President then proceeded to present the overall report/updates on IEM for session 2017/2018.

1.2 Updates on IEM for Session 2017/2018

The President informed that the current standing of the IEM membership was 45,666 members comprising of the various grades. The President further explained that IEM had been promoting the Incorporated and Associate membership to mainly cater for the Engineering Technologists and Technicians. The main objective was to make IEM more inclusive and to attain long term sustainability for the Institution.

The President continued his presentation on the issue concerning the amendments to IEM Constitution. He informed the AGM that IEM had allocated five (5) seats for the Companion or Graduate and one (1) seat for Women Engineers in Council for voting rights. It was noted that the Registrar of Society (ROS) had approved the amendments.

The AGM was informed that IEM had signed a Memorandum of Understanding (MoU) with the American Institute of Chemical Engineers (AIChE) on 16 November 2017. In addition to this, IEM had also signed MoUs with five (5) Institutions of Higher Learning (IHLs) during the session namely Universiti Malaysia Pahang (UMP), AIMST University, Nilai University, Universiti Malaysia Sarawak (UNIMAS) and USCI.

In addition to the above, the President further informed that IEM had renewed the MoU with the Miri City Council on 20 April 2017. This initiative was mainly to continue the good relations, cooperation and networking especially in jointly organising public awareness programmes and assisting the local councils to provide better services and amenities to the community.

With regard to signing MoU with organisations and corporations, the AGM was informed that IEM had signed MoUs with six (6) organisations i.e. Malaysian Geotechnical Society (MGS), The Electrical and Electronics Association of Malaysia (TEEAM), Malaysian Institute of Road Safety Research (MIROS), Technological Association of Malaysia (TAM), Malaysian Oil and Gas Engineering Council (MOGEC) and Rapid Rail Sdn Bhd. It was hoped that more MoUs would be signed to ensure that IEM was well represented in other organisations.

The President also briefed the AGM that IEM is currently active with other Government agencies by sending representatives to collaborate with the agencies on engineering matters as well as serving in the Government departments or technical committees. The President hoped that IEM should continue to work with the Government agencies and assist them wherever possible.

The AGM was informed that IEM continues to maintain a good rapport with local professional bodies and learned societies. With regards to media engagement, IEM continued to produce press statements. For the session 2017/2018, IEM had issued eight (8) press statements and fifty (50) press clippings were published in the media, and these statements had been uploaded onto the IEM Web Portal.

On conferences and activities, the President informed the AGM that IEM had organised two (2) major conferences, four hundred twenty (420) evening talks, four hundred and twenty one courses together workshops/seminar as well as seven (7) technical visits during the last session.

The AGM was also informed that IEM had bid for the World Tunnel Congress 2020 (WTC2020) of which Malaysia beat India and Australia with 30 votes. The President further informed that this event was considered the largest that IEM had ever organised as there would be 2000 international delegates as well as 100 booths to be exhibited for the event. The President mentioned that the event would be organised by the IEM Training Centre and it was hoped that it would be a success so that IEM would be able to gain profit of approximately one (1) to two (2) million ringgit. Apart from WTC2020, there would be another big event for IEM to host i.e. the Asia Pacific Confederation of Chemical Engineering (APCCChE) Congress and Board Meeting 2021.



The President further briefed the AGM that IEM participated in the following international events and meetings that took place during the session 2017/2018:

- 4th FEIAP Convention and 21st FEIAP General Assembly from 15 - 18 May 2017 in Islamabad, Pakistan
- The International Engineering Alliance (IEA) meetings from 18 - 23 Jun 2017 in Anchorage, Alaska, USA
- AFEO Mid-term Governing Board Meeting from 16 -19 Jul 2017 in Singapore
- 17th APPChE Congress from 23-27 Aug 2017 in Hong Kong
- 35th AFEO Governing Board Meeting from 15 -18 Nov 2017 Bangkok, Thailand
- WFEO General Assembly, WFEO Committee in Women in Engineering (WIE) and WFEO Standing Committee on Engineering for Innovative Technologies (WFEO-CEIT), 26 Nov - 3 Dec 2017 in Rome, Italy
- FEIC General Assembly from 16-18 December in Madinah, Saudi Arabia

2.0 CONFIRMATION OF MINUTES OF 58th ANNUAL GENERAL MEETING HELD ON 15 APRIL 2017

The President invited members present to go through the minutes of the previous AGM which was printed on pages 75 until page 85. The AGM was also requested to go through the attendance list from pages 86 to 89 as well as the Bahasa Malaysia version which was on pages 90 to 100.

As there were no errors highlighted in the minutes, YBhg. Academician Dato' Ir. Prof Dr Chuah Hean Teik (HF09157) proposed that the minutes of the 58th Annual General Meeting held on 15 April 2017 be confirmed and adopted. The motion was seconded by Ir. Zulkifly bin Madon (M05132).

2.1 Confirmation of Minutes of the Special General Meeting held on 14 October 2017

The President then invited members present to go through the minutes of the previous Special General Meeting from pages 101 to 102 and the Bahasa Malaysia version which was on pages 103 to 104.

YBhg. Academician Dato' Ir. Prof Dr Chuah Hean Teik (HF09157) raised the question for item 1.4.2 of the Special General Meeting minutes whether Article 4.3 was approved. He commented that the way it was written indicated that it was not approved. He further informed that the suggestion he made at the said meeting with the added phrase "*.....which are in line with the objective of the Institution*" was actually not approved whereas the original proposal was approved by the Registrar of Societies (ROS). Hence, the President agreed that the following should be amended accordingly:

"Voting was carried out on the original proposal and the results were as follows":

Since there were no further amendments/errors highlighted in the minutes, Ir. Razmahwata bin Mohamad Razalli (F17029) proposed that the minutes of the Special General Meeting held on 14 October 2017 be confirmed and adopted. The motion was seconded by Ir. Ho Choon Kwang (M17178).

3.0 MATTERS ARISING

The President went through and provided clarifications on the following items:

58th Annual General Meeting held on 15 April 2017

Page 81 – 8.1.1

Amendments to the IEM Constitution

The President reported that the amendments on this item as well as the other amendments passed by the SGM on 14 October were sent out for balloting. The AGM was further informed that the members returned the favourable votes on the proposed amendments and the amendments were then submitted to ROS. The approval was received on 20 December 2017.

The President further informed that the five (5) Companion and Graduate Members would be invited to serve in Council after the AGM of the Young Engineers Section in June 2018 while a representative from the WE Section would be invited at the first Council meeting of the session 2018/2019.

Page 76 – 3.0

Award for Branches

The President reported that with regard to the proposal to extend the Presidential Award of Excellence (PAOE) competition to the IEM Branches, the Standing Committee on Activities was of the opinion that since not all Branches were at the same level of development and activeness, this could result in a lopsided competition.



4.0 ANNUAL REPORT FOR SESSION 2018/2019

The President then invited the Honorary Secretary, Ir. Yap Soon Hoe to present the various activities and events organised in 2017 which were printed on pages 117 to 168 of the Annual Report.

4.1 Council and Excomm

For the session 2017/2018, a total of five (5) Council meetings were held. The Council at their meetings discussed matters related to management of properties and affairs of the Institution. Excomm had thirteen (13) meetings for session 2017/2018 and the role of Excomm was to implement and carry out the decisions of the Council.

4.2 Representation to BEM

The AGM was informed that there were five (5) representatives who have been appointed to serve in the BEM. In addition, there were a total of nine (9) IEM representatives who had also be appointed to serve in various Committees of BEM as well as six (6) representatives appointed to serve in the Engineering Accreditation Council (EAC).

4.3 Membership

The total membership to date was 45,666 and the AGM was informed that IEM is trying its best to achieve 100K which was set by Past President, Ir. Vincent Chen Kim Kieong.

The Honorary Secretary further informed that up to 31 December 2017, a total of 7,808 candidates were approved for admission/election/transfer to the various grades which was under the purview of the Standing Committee on Admissions and Practical Training (APT) chaired by Ir. Prof Dr Norlida bt Buniyamin.

4.4 International Registers

For the international registers and affiliations, it was recorded that for the year 2017, 20 members had signed up as ASEAN Engineers (ASEAN Eng), and 43 were approved for the Associate ASEAN Engineers (AAE) while 43 were approved for IPEA/APEC International Engineer Registers (IntPE).

4.5 IEM Log Book

The AGM was informed that the Sub Committee on Log Book chaired by Ir. Peter Han Seng Kong was in the midst of revising the format of the log book to align with the enhanced Professional Interview.

4.6 IEM Training Board

Ir. Li Thang Fai chaired the Training Board and a total of 618 applications both from IEM's own programmes and other training providers' programmes had been approved for CPD by the Training Board.

4.7 Enhanced PI Process

The AGM was informed that starting 1 January 2018, the conventional PI was no longer accepted. It has been replaced with the enhanced PI process. The AGM was further informed that as a result, the number of conventional PI applications received end of 2017 was approximately 1000.

The implementation of the enhanced PI was under the Standing Committee on Examinations and Qualification (E&Q) chaired by Ir. Lee Boon Chong.

4.8 Professional Interview Board

AGM noted that for session 2017/2018, a total of 925 applied to sit for the Professional Interview (PI). A total of 497 candidates have passed which made up rate of 86.5%. The number of candidates who failed the PI was 77 which made up a failure rate of 13.5%. A total of 186 candidates are still waiting for their results. The PI Board was chaired by Ir. Tu Yong Eng.

4.9 Information and Publications

The Honorary Secretary informed the AGM that Ir. Prof. Dr Ruslan bin Hassan who chaired the Standing Committee on InfoPub had published twelve (12) issues of the "Jurutera" (IEM Bulletin) in 2017. It was further reported that two (2) issues of the Journal was published in 2017.

4.10 IEM Library

The AGM further noted that the IEM Library had increased its collection of 6,834 printed book titles in 2017 to 6,954 in 2018 covering a variety of disciplines. The IEM library has also acquired 272 e-books on engineering and technology topics.



4.11 Presidential Award of Excellence

The Honorary Secretary then announced the results of the 2017 Presidential Award of Excellence as follows:

Winner	<i>Geotechnical Engineering Technical Division</i>
2nd Place	<i>Electrical Engineering Technical Division</i>
3rd Place	<i>Civil and Structural Engineering Technical Division</i>
4th Place	<i>Mechanical Engineering Technical Division</i>
5th Place	<i>Project Management Technical Division</i>
Most Improved	<i>Engineering Education Technical Division</i>

4.12 Outside Bodies Representations

The AGM was informed that a Working Group was formed under the Standing Committee on Professional Practice (PPC) chaired by Ir. Lai Sze Ching to study and re-structure the current Outside Body Representation (OBR) appointment system and thereon produce an OBR Manual. The main objective was to ensure that there was sustainability where the OBR was concerned and that the representatives should be well versed in that particular subject in order to produce quality reports.

4.13 Operations Manual for Branches

The Honorary Secretary informed the AGM that the IEM Operations Manual for Branches (OMB) was published to assist and guide the IEM Branches in planning, organising and improving their operations. This was under the purview of the Standing Committee on Corporate Affairs headed by Ir. Ong Ching Loon. It was further noted that the OMB contains the terms, procedures and guidelines in which the Branches should govern themselves and for conducting Branch business. The Branch Manual would serve as the foundation document to provide continuity and standardisation of Branch operations across all Branches.

4.14 IEM Benevolent Fund

A total of RM27,979.94 was contributed by members for the session 2017/2018. IEM would like to record its appreciation to the members for their kind support and generosity. The balance available in the fund as at December 2017 is RM464,999.75.

4.15 IEM Family Day

The IEM Family Day 2017 was held on 7 May 2017 at SEGi University, Kota Damansara, Selangor and attracted more than 500 participants comprising IEM Council, IEM members and their families. It was reported that the next IEM Family Day would be held on 22 July 2018 at Persatuan Alumni Universiti Malaya.

4.16 Engineering Week 2017

The 21st IEM Engineering Week (EW2017) was held from 20-27 August 2017 with the theme "*Engineering the World for a Better Future*". EW2017 officially open with the IEM Engineer's Run 2017 held in Perdana Botanical Garden Kuala Lumpur participated by 1,000 runners. It was also reported that for the current year, Engineering Week will commence with the E-Run 2018 which is planned on 12 August 2018 at Universiti Putra Malaysia (UPM) and will end with the Science, Technology, Engineering and Mathematics (STEM) competition on 18 August 2018. The venue would be Monash University.

4.17 Branding

The AGM was informed that the Intellectual Property Office (MyIPO) had approved IEM's application to trademark its new logo in July 2017. IEM thus embarked on a branding exercise to feature the new logo on its official letterhead, building signage, name-cards, lapel pins and car-stickers.

4.18 IEM Position Papers

The AGM was informed that currently there were two (2) position papers that were ongoing; one on "*Employment of Professional Engineers in Key Government Positions*" by Public Sector Engineers Special Interest Group (PSESIG) and there other was on "*Building Railway Engineering Capacity for the Future*" by Electrical Engineering Technical Division (EETD).

4.19 Questions Session – Annual Reports

- 4.19.1 Ir. Vincent Chen Kim Kieong (Hon.F05128) sought clarification from the Honorary Secretary with regard to the Membership (page 117, item 2.1). He queried on the membership figure for Senior Member which was 35. He felt that more members should be applying for this grade of membership. Ir. Vincent Chen believed that there could be a few reasons as to why the figure was low. He cited that one of the reasons could be the process involved and also commented that many members were reluctant to apply for the Senior Member grade due to the difference of the subscription fee between Member and Senior Member i.e. RM210.00 to RM155.00. He suggested that Council could look into simplifying the process by making it an automatic transfer and at the same time maintain the subscription at RM155.00 i.e. the same as Member grade.



He further added that another category that needed for Council to look into was the membership grade of Companion. He noted that many members were not comfortable with the name "*Companion*" and hence might not want to apply for the said grade. He further informed that there was a debate on suggesting a name for the grade at that time when the membership grade "*Companion*" was introduced. However, it was noted there were comments that the title was not appropriate. Hence, Ir. Vincent Chen Kim Kieong (Hon.F05128) agreed with the proposed new name Senior Graduate Member and hoped that Council would approve the new name and do an automatic conversion for the said membership grade. He also hoped that with such changes made, IEM would be able to have at least 5,000 Senior M.I.E.M and 3,000-4,000 Companion members in a couple of years' time.

With regard to the IEM membership of 46,555, Ir. Vincent Chen Kim Kieong (Hon.F05128) congratulated the Sub Committee on Membership Drive and Promotions (MDP) for doing a good job in increasing the membership. However, he pointed out that there was not much difference on the membership increase from 2014 until 2018 (page 117) if the Student membership figure was to be removed. He also commented that the same goes with Corporate as well as Graduate membership. Ir. Vincent Chen further commented that the main problem was the leakage in the membership. He explained that there would be quite a number of members who did not renew their membership and after a period of two (2) years, the members' status in the IEM membership portal would be stated as "Deleted" and this number normally make up around 4,000 - 5,000. Although the Sub Committee on Membership Drive would have been effortlessly recruiting members, the number of defaulting members and new members seemed to be about the same resulting in very low increase in the overall membership.

He reiterated that BEM's web portal as the day before indicated a registration of around 123,000 Professional Engineers and Graduate Engineers. He hoped that both Council and Excomm would be able to look into getting these engineers to be IEM members.

The President thanked Ir. Vincent Chen Kim Kieong for his comments and suggestions and agreed that the Council would seriously look into putting more effort in this area. Although it was noted that registering with BEM was a one off payment fee while IEM membership was annually, he agreed with Ir. Vincent Chen Kim Kieong's proposal to increase IEM membership.

Ir. Jayaseelan Nadarajah (F14445) requested for explanation on item 6.2.1 on page 123 and also item 4.4 on page 77. He queried that the number of passes in percentage did not tally. President clarified that the data on page 77 was based on 2016/2017 minutes whereas item 6.2.1 on page 123 was based on last year's figure (2017/2018). Nevertheless, President agreed that there should be another column to state the number of candidates who sat for the PI in order to have the figures tally.

Y.Bhg. Academician Dato' Ir. Chuah Hean Teik (Hon.F09157) commented on President's statement that for Graduate Engineer, the registration fee was one-time whereas for IEM the member had to pay the subscription annually. Y.Bhg. Academician Dato' Ir. Chuah Hean Teik (Hon.F09157) explained that besides the fee, Graduate Engineer registration was compulsory under the Registration of Engineers Act (REA) 1967 (revised 2015) while IEM Graduate membership was voluntary.

He added that even though BEM's registration of engineers was about 123,000, there was however a drop in the Professional Engineer registration as the fee was increased from RM200.00 to RM400.00.

Y.Bhg. Academician Dato' Ir. Chuah Hean Teik (Hon.F09157) also commented that the "*Companion*" grade was not properly defined. President updated the AGM that the Council was seriously looking for a suitable name to replace "*Companion*" and this issue had been debated a year and half ago at Excomm level. The President further informed that this issue had to be studied carefully and hopefully by the next Excomm and Council meeting, the change of name would be accepted. It was also hoped that with the change of name, IEM membership would increase in the future.

Ir. David Lai Kong Phooi (F09917) responded with regard to the comment on the IEM membership fee of RM155.00 to RM210.00. He informed that IEM was working hard to offer better benefits to the members and one of it was the 6% rebate given for purchasing a Mercedes Benz or BMW. In view of this, he felt that paying RM155.00 or RM210.00 was quite reasonable compared to being a member with other foreign Institutions where the membership fee was quite high. He concluded by stressing that it was the quality that matters for being an IEM member and not on the amount to pay for the membership fee.

Ir. Choo Kok Beng (Hon.F02828) supported Ir. David Lai's comment that the additional benefits offered was a great attraction and called on members present at AGM to capitalise on such benefits. He proposed that IEM should approach PROTON to engage a similar strategy for the benefit of the IEM members. Ir. Choo Kok Beng further informed that one of recommendations stated in the "*Productivity Blue Print*" that was launched last year, Malaysia does not have sufficient professionals to drive the productivity of the country. Hence, he suggested some incentives should be created for the professionals and as such, requested Council and Excomm to look into providing incentives for the IEM members to inspire them to be professional engineers.

Ir. Fam Yew Hin (M20926) informed the AGM that the Standing Committee on Welfare and Service Matters had produced the "*IEM Loyalty Card*" which also had other merchandises such as discounts from Focus Point where the members could enjoy 40% - 60% at their outlets. Apart from the purchase of cars, there were also discounts on accommodation at hotels etc. President thanked Ir. Fam Yew Hin for highlighting the various merchandises associated with the "*IEM Loyalty Card*".

Since there were no further comments or questions from the floor, Ir. Dr Ahmad Anuar bin Othman (F13148) proposed that the Annual Report be adopted. The motion was seconded by Ir. Dr Ng Soon Ching (M30662).



5.0 ACCOUNTS FOR THE YEAR ENDED 31 DECEMBER 2017

- 5.1 The President then invited the Honorary Treasurer, Ir. Dr. Wang Hong Kok to present the financial statements for The Institution of Engineers, Malaysia for the period 1st January 2017 to 31st December 2017. Ir. Dr Wang Hong Kok informed the AGM that the accounts presented would be from pages 193 to 216. However, he would only focus on pages 194, 195 and 196.
- 5.2 The Honorary Treasurer informed the AGM that the financial statements presented comprised of two sets of accounts. The figures did not include the financial position of the IEM Branches. He further informed that the Branches would file their own set of financial statements with the IRB of their respective States. It was reported that Excomm on 5 March 2018 decided that IEM would need to check the legality of not consolidating the Branch accounts. The Honorary Treasurer further informed that the columns denoted by "Group" referred to the consolidated accounts of the IEM Headquarters, IEM Training Centre and IEM Academy Sdn Bhd. He also explained that there were some columns where there were figures under "Institution" but blank under "Group" due to the figures being payment/receipt between IEM, IEM Training Centre (TC) and IEM Academy Sdn Bhd (ASB) which were eliminated on consolidation.
- 5.3 The Honorary Treasurer reported that on the overall, the Institution made a surplus of RM1,823,390 in 2017 compared to RM1,464,518 in 2016. It was further reported that the increase in total surplus was recorded at 24%. The total income for 2017 was RM6,617,499 compared to RM6,005,611 in 2016. The increase was due to the income from sale of Penang Branch property and also the dividend declared by IEM Training Centre amounting to RM489,289 – an increase of 62%.
- 5.4 The AGM was further informed that the main contributors to the total income was the members subscription which was 51%; disposal of properties which was 22%; others which comprised of subscription recovered, membership reinstatement, miscellaneous income, arbitration levy, etc. which came up to 9%; disposal of property 22%; institutional services 6%; dividend 7%; rental surplus 3% and interest income was 2% of the total income.

The Annual Subscriptions collection for the year 2017 was 84.8%, a dropped of 5.2% compared to 2016 which was 90%.

- 5.5 The Honorary Treasurer informed that the total expenses for 2017 was RM4,712,539 an increase of 3.5% compared to 2016 amounting to RM4,550,160. The increase was mainly due to personal emoluments and administrative expenses.
- 5.6 The Honorary Treasurer further reported that the main contributors to the total expenses items were personnel emoluments 57% whereas the administrative expenses was 27%. The increase in the administrative expenses was due to increase in office printing and stationery as well as the mailing expenses and postage due to the increase in membership.

The President thanked the Honorary Treasurer for his report and proceeded to invite questions from the floor.

5.7 Questions Session – Accounts

- 5.7.1. YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) commented that the arrears in subscription was approximately half a million and queried whether there were any findings on why the membership was in arrears and whether any action taken by IEM to encourage the members to pay. He suggested that a study be made to encourage the members to pay especially when IEM had introduced additional benefits such as the purchase of a luxury car with a 6% discount.

President agreed that more improvements should be done on promotions. Ir. David Lai Kong Phooi (F09917) explained that the subscriptions in arrears was approximately RM226,000 and efforts had been made such as Secretariat contacting the members on their subscription in arrears. Ir. David Lai Kong Phooi (F09917) also supported the motion that IEM should find ways in strengthening the benefits in various areas. This could be in the form of increasing the number of merchants for discounts, conducting more activities with CPD points, etc. He further explained that the Standing Committee on Finance had set up a Special Committee and they were looking seriously on the arrears in subscription.

- 5.7.2 Dato' Paduka Hj. Ir. Prof. (Dr) Keizrul Abdullah @ Lim Teik Keat (Hon.F01691) commented on the surplus of RM1,863,000 in 2017 against RM1,263,000 in 2016. He further commented that IEM actually had a smaller surplus compared to last year. The AGM was further informed that the surplus came from the disposal of the IEM Penang Branch property. Hence, this should be removed to show that IEM had actually 1/3 of the surplus from the year 2017. He further explained that IEM's rental had dropped and might even drop further in 2018.

The Honorary Treasurer explained to the AGM that due to the termination of rental from the last tenant, the Standing Committee of Finance was seriously working hard to get tenants to occupy the vacant space at Wisma IEM.

The Deputy President, Ir. David Lai Kong Phooi (F09917) continued to inform that it was true that the income from IEM was decreasing. He pointed out that IEM lost RM120,000 every month since the tenant moved out. The AGM was later informed that the IEM Training Centre (TC) had then taken up certain section. He further explained that there were discussions with various interested parties and there was one who was keen on renting the space at Wisma IEM

The Deputy President also informed that based on the current market rate on rental, the prospective tenant would only be paying approximately RM30,000 per month. In order to maintain the financial position of IEM, there would be a need to generate about RM50,000 from Wisma IEM's rental. The Standing Committee on Finance had been considering other alternatives to make up the shortfall of RM20,000, one of which was to convert the some area of the ground floor into a "display gallery" as an attraction for the market players to display their products. It was hoped that this could help recover the RM200,000 subscription in arrears as well as the shortfall on the revenue from the Technical Divisions which was approximately RM200,00.



- 5.7.3 Ir. Gunasagaran a/l Kristnan (M08216) queried that the Honorary Treasurer reported that there was a drop of RM516,065 on the arrears in subscription but Ir. David Lai Kong Phooi mentioned that it was RM216,000. He wanted to know why there was a difference in the explanation given.

The Honorary Treasurer explained that when IEM billed in 2017, it was RM3,388,097 but what was collected was RM2,872,032. Hence, the difference in arrears was RM516,065 whereas in the year 2016, the collection was RM3,440,942 and the subscription in arrears was RM341,989. He further explained that this could be seen in Note 7 of the financial statement.

- 5.7.4 Y.Bhg. Academician Dato' Ir. Chuah Hean Teik (Hon.F09157) pointed out that apart from the disposal of the IEM Penang Branch property, generally IEM had a few hundred thousand surplus. Y.Bhg. Academician Dato' Ir. Chuah Hean Teik also agreed with Dato' Paduka Hj. Ir. Prof. (Dr) Keizrul Abdullah @ Lim Teik Keat (Hon.F01691) on the anticipated drop in rental income. However, he reminded the AGM that the main intention of purchasing Wisma IEM was to have more space for IEM to conduct more activities for the members. He commented that it was time for Council to seriously consider of allocating more space for activities and benefits for the members to enjoy the facilities at Wisma IEM such as setting up a fitness or health centre which could also generate income as well as provide good services to the members. In conclusion, Y.Bhg. Academician Dato' Ir. Chuah Hean Teik (Hon.F09157) informed the AGM that IEM's financial situation was considered sustainable. The President then thanked Y.Bhg. Academician Dato' Ir. Chuah Hean Teik (Hon.F09157) for his comments and proposal.

Ir. Dr Ahmad Anuar bin Othman (F13148), mentioned that 51% came from the members' subscriptions. He further informed that a few years ago, IEM used to give a token of appreciation for example a "pen-drive" to the members who renewed their annual subscription. Hence, he felt that IEM should be providing such token again for the renewal. The President agreed to look into this issue.

- 5.7.5 As there were no further questions from the floor, Ir. Gunasagaran a/l Kristnan (M08216) proposed the adoption of the Financial Statements for IEM for the year ended 31 December 2017. The motion was seconded by YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015). The AGM then adopted the Financial Statement.

6.0 EDUCATION FUND FINANCIAL STATEMENT – 31 DECEMBER 2017

- 6.1 The Honorary Treasurer then continued to report on the Financial Statements of the Education Fund for the year ending 31 December 2017 from page 222 to page 232.

- 6.2 The AGM was informed that donations received amounted to RM227,036 in 2017 compared to RM127,881 in 2016. The Fixed Deposit Interest earned amounted to RM38,132 compared to RM37,433 in 2016.

On the expenditure side, the Honorary Treasurer reported that the scholarship given out in 2017 was RM29,500. He further informed that other expenses were for talks amounting to RM6,225; Overseas Conferences RM49,406 and Student Section Subsidy RM5,500 and other expenses were at RM2,414.

He also informed the AGM that for scholarships, students who received the grants under the Mr. Koon Yew Yin Scholarship had completed the studies in 2017. The scholarship had also depleted. However, with the additional contribution of RM100,000 from Mr. Koon Yew Yin at the end of 2017, interviews would be held in 2018 for new scholarship recipients.

The Honorary Treasurer further reported that for the overall performance, there was a surplus of RM178,633 compared to deficit of RM233,168 in 2016. The AGM noted that the total sponsorship and scholarship expenditure of RM97,365 complied with the Revenue Board's (IRB) requirement to spend at least 50% of the donation received in the previous year.

The Honorary Treasurer explained that the total income for 2016 was RM166,233 and the need to achieve 50% had been achieved (RM83,116).

- 6.3 YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) queried whether IEM had any programme to encourage the members to donate to the Education Fund. He noted that the fund was rather stagnant apart from the donation received from Mr. Koon Yew Yin. The President then explained that IEM had come up with a scholarship fund to be named after the person who contributed and have also reserved a few scholarship funds named after the Past Presidents.

- 6.4 Since there were no questions from the floor, Ir. Sreedaran a/l A. Raman (M38681) proposed the adoption of the Education Fund financial statement for the year ended 31 December 2017 and the motion was supported by Ir. Dr Chuah Joon Huang (M57551). The AGM then adopted the Education Fund financial statement.

7.0 DISCUSSION ON WRITTEN ISSUES RECEIVED FROM MEMBERS

The President informed the AGM that there were no written issues received from the members.

8.0 ANNOUNCEMENT OF THE ELECTION RESULTS FOR COUNCIL 2018/2019 SESSION

The President then invited the Election Officer, YBhg. Dato' Ir. Pang Leong Hoon to announce the results of the election for the session 2018/2019.



8.1 President

Y.Bhg. Dato' Ir. Pang Leong Hoon informed the AGM that in accordance with Section 5.2 of the IEM Bylaws, the current Deputy President, Ir. David Lai Kong Phooi, being the President-elect assumes the office of President for sessions 2018/2019 upon the completion of the term of office of the incumbent President, Ir. Dr Tan Yean Chin.

8.2 Deputy President

The AGM was informed that the successful candidate for the post of Deputy President was Ir. Ong Ching Loon for the sessions 2018/2019.

8.3 Vice Presidents, Hon Secretary, Hon Treasurer and Others

YBhg. Dato' Ir. Pang Leong Hoon then informed the AGM on the results of nomination and the subsequent balloting exercise.

8.3.1 Office of Council Member – Chemical Representative (One (1) vacancy for 3 sessions, 2018/2019, 2019/2020, 2020/2021)

The AGM was informed that there was no nomination received for this post. The IEM Council at its 410th meeting held on 15 January 2018 decided to nominate Ir. Prof. Dr Lee Tin Sin as the candidate for this office. Thus, Ir. Prof. Dr Lee Tin Sin was duly elected unopposed to the office of Council Member – Chemical Representative for the sessions 2018/2019, 2019/2020, 2020/2021.

8.4 YBhg. Dato' Ir. Pang Leong Hoon then informed the AGM that the following offices required balloting:

- *Vice President*
- *Honorary Secretary*
- *Honorary Treasurer*
- *Council Members – Ordinary Representatives*

8.4.1 Office of Vice President (Three (3) vacancies for 2 sessions 2018/2019 and 2019/2020)

The AGM was informed that measures were taken to get the ballot papers sent out to members for the offices which required balloting i.e. Vice Presidents, Honorary Secretary, Honorary Treasurer and Ordinary Council members. A total of 10,580 ballot papers were sent and delivered to Corporate Members. A total of 1,706 ballot papers were received at the IEM when the Ballot Box was opened on 7 April 2018. After checking and verification of ballot papers, counting of votes were carried out to determine the successful candidates.

YBhg. Dato' Ir. Pang Leong Hoon further informed the AGM that there were six (6) nominations received for the three (3) vacancies. The following three (3) candidates with the highest number of votes were duly elected to the office of Vice President for the sessions 2018/2019 and 2019/2020:

- i) *Ir. Prof. Dr. Norlida bt Buniyamin*
- ii) *Ir. Prof. Dr Jeffrey Chiang Choong Luin*
- iii) *Ir. PE Chong*

8.5 Office of Honorary Secretary (One (1) vacancy for session 2018/2019)

There were two (2) nominations received for the one (1) vacancy. The candidate, Ir. Mohd Khir bin Muhammad received the higher number of votes and was duly elected to the office of Honorary Secretary for the session 2018/2019.

8.6 Office of Honorary Treasurer (One (1) vacancy for session 2018/2019)

Three (3) nominations were received and the candidate, Ir. Dr. Tan Chee Fai receiving the highest number of votes, was duly elected to the office of Honorary Treasurer for the session 2018/2019.

8.7 Office of Council Member – Ordinary Representative (Ten (10) vacancies for 3 sessions, 2018/2019, 2019/2020, 2020/2021)

YBhg. Dato' Ir. Pang Leong Hoon proceeded to report that there were twenty-one (21) nominations received and the following ten (10) candidates with the highest number of votes were duly elected to the Office of Council Member – Ordinary Representative for 3 sessions, 2018/2019, 2019/2020, 2020/2021):

1. *Ir. Prof. Dr Norlida bt Buniyamin*
2. *Dato' Ir. Nor Hisham bin Mohd Ghazali*
3. *Ir. Ellias bin Saidin*
4. *Ir. Dr Jeyanthi Ramasamy*
5. *Ir. Dr Wang Hong Kok*
6. *Ir. Prof Dr Jeffrey Chiang Choong Luin*
7. *Ir. Dr Tan Chee Fai*
8. *Ir. Yam Teong Sian*
9. *Dato' Ir. Fakharazi bin Wahijan*
10. *Ir. Yasotha Ramachandran Chetty*



- 8.8 The AGM noted that the Election process took about three (3) months and the total cost was RM28,157.11 (*balloting document and postage*) excluding IEM staff cost.
- 8.9 The AGM was also informed that a total of 10,580 ballot papers were mailed out. Approximately 84% of the members did not return their ballot papers to record their votes for the candidates nominated to represent their interests on the IEM Council.
- 8.10 YBhg. Dato' Ir. Pang Leong Hoon then thanked the Scrutineers, Ir. Prof. Dr Zainal Abidin bin Ahmad, Ir. Prof. Dr Siti Hawa Hamzah, Ir. Hj. Mohd Ali Yusof, Ir. S. Kukanesan, Ir. Ong Ching Loon and Ir. Prof. Dr Leong Wai Yie for their valuable assistance and support and also thanked the Secretariat for their full cooperation.

The President thanked YBhg. Dato' Ir. Pang Leong Hoon for his presentation and also the Scrutineers and the IEM Secretariat for their assistance and support.

9.0 PRESENTATION OF AWARDS

The Executive Director, Ir. Cheang Kok Meng then invited the President, Ir. Dr Tan Yean Chin to present the following awards:

9.1 IEM Best Technical Paper for Corporate Member Category – Civil Discipline (*for two winners*) – The Tan Sri Ir. Hj. Yusoff Prize

- (i) The award was presented to Dato' Ir. Paul Ha Tiing Tai for his paper entitled "*Positioning to Undertake Underground Works Contract – a Malaysian Experience*"
- (ii) The other recipient to receive the award was Ir. Dr Dominic Ong Ek Leong for his paper entitled "*Severe Damage of a Pile Group Due to Pile Group to Slope Failure*". Ir. Dr Dominic Ong Ek was not present to receive the award.

9.2 Tan Sri Hj. Yusoff Ibrahim Best Final Year Project

The AGM was informed that in 2017, IEM introduced the Tan Sri Hj. Yusoff Ibrahim Best Final Year Project.

The AGM was further informed that invitation letters were sent to 37 accredited universities and a total of 24 submissions were received. The overall winner will receive a cash prize of RM1000, a trophy and certificate. The winner was Sdr. Yap Kian Kun, a Mechanical Engineering student from Malaysia – Japan International Institute of Technology (MJIT), Universiti Teknologi Malaysia (UTM) with his project entitled "*Influence of Adsorbed Water on Adhesive Wear*".

It was noted that there were three (3) special prize winners in the specific disciplines who were not able to be present to receive the awards. Nevertheless, the prizes would be sent to them. They were:

- (i) Sdr Zech Chan Sze Zher from Universiti Tunku Abdul Rahman (UTAR) with his project entitled "*Skin-Alike Soft Sensing Wearable Device*"
- (ii) Sdr Foo Swee Wen from Universiti Malaysia Sarawak (UNIMAS) with his project entitled "*3D Modelling Using Solidworks: Wall Mounted Rainwater Tank from Stormwater Detention in Commercial Areas*"
- (iii) Sdri Nur Fatin Ajeera binti Mohd Isa from Universiti Kebangsaan Malaysia (UKM) with project entitled "*Proses Penulenan Asid Suksinik dari Medium Sintetik dan Campuran Kaldu Fermentasi melalui Kaedah Penghabluran*"

9.3 Certificate Presentation to the Fellows of IEM

The Executive Director then proceeded to invite Members of IEM who were approved for the transfer to the grade of Fellow for session 2017/2018. Thirteen (13) Members were transferred. However, only five (5) were present to receive the certificates and a pin and they were:

1. Ir. Dr Shahrudin bin Muslimin
2. Ir. Kim Kek Seong
3. Dato' Seri Ir. Dr Liew Mun Hon
4. Ir. Peter Han Seng Kong
5. Ir. Mohd Radzi bin Salleh

9.4 Woman Engineer Presentation Award

Ir. Prof Dr Leong Wai Yie was presented the Woman Engineer Award. Ir. Prof Dr Leong Wai Yie was also a current Excomm and Council member.



10.0 PRESENTATION OF MEMENTOS TO RETIRING COUNCIL MEMBERS

10.1 The President then presented tokens of appreciation to the Council Members who were retiring from office for the 2017/2018:

1. Ir. Yap Soon Hoe
2. YBhg. Dato' Ir. Hanapi bin Mohamad Noor
3. Ir. Dr Ahmad Anuar bin Othman
4. Ir. Ng Yong Kong
5. Ir. Tejinder Singh
6. Ir. Sreedaran a/l Raman
7. Ir. Ishak bin Abdul Rahman
8. Ir. Paul Chiew Lik Ing - represented by Ir. Dr Lau Hieng Ho
9. YBhg. Dato' Ir. Yahiya Awang Kahar - represented by Ir. James Yong Hon Min

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

1. Ir. Prof. Dr Thomas Choong Shean Yaw
2. Ir. Assoc. Prof. Dr Jimmy Mok Vee Hoong
3. Ir. Roger Wong Chin Weng
4. YBhg. Dato' Ir. Low Keng Kok
5. Ir. Mohamad Zaim bin Abd Hamid

11.0 MEMBERS COLLECTING THE CERTIFICATE OF APPRECIATION AS THEY WILL CONTINUE TO SERVE IN OTHER CAPACITY

The following members had been invited to receive the certificate of appreciation as they would be continuing to serve in a different capacity in Council:

1. Ir. Elias bin Saidin
2. Ir. Dr Wang Hong Kok
3. Ir. Mohd Khir bin Muhammad
4. Ir. PE Chong

12.0 Changeover of Office

The Executive Director then invited Ir. Dr Tan Yean Chin and the new President, Ir. David Lai Kong Phooi for on the handover of chain of office. A token of appreciation was presented to Ir. Dr Tan Yean Chin by the new President.

The new members of Council including the Vice Presidents, Honorary Secretary and Honorary Treasurer were then invited to take their place at the podium. Ir. David Lai Kong Phooi then proceeded to chair the AGM.

13.0 PAST PRESIDENTS ELECTED BY COUNCIL TO SERVE IN THE COUNCIL

13.1 The new President informed the AGM that Council had extended invitations to the following five (5) Past Presidents and they had accepted the invitation:

1. Y.Bhg. Academician Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee Laidin
2. Y.Bhg. Dato' Ir. Dr. Gue See Sew
3. Y.Bhg. Datuk Paduka Ir. (Dr.) Hj Keizrul bin Abdullah
4. Y.Bhg Academician Dato' Ir. Prof. Dr. Chuah Hean Teik
5. Mr. Choo Kok Beng

14.0 ELECTION OF HONORARY INTERNAL AUDITORS

14.1 The President then proceeded to call for nominations for the position of Honorary Internal Auditors. The AGM decided to retain Ir. Awangku Hidup Bin Awangku Hosain (M03053) as the Honorary Internal Auditor for session 2018/2019. The motion was proposed by Ir. Elias bin Saidin (F10100) and seconded by Ir. Yong Kee Chiang (F01922). Ir. Tiong Ngo Pu (M07252) was also re-appointed as the second internal auditor for session 2018/2019. The re-appointment was proposed by Ir. Yam Teong Sian (F05613) and seconded by Ir. Vincent Chen Kim Kieong (Hon.F05128).

As there was no objection from the floor, both re-appointments were unanimously approved.

15.0 APPOINTMENT OF EXTERNAL AUDITORS

15.1 The President informed the AGM that the Council at the last meeting had re-appointed PKF Malaysia as the External Auditors for 2018/2019. The AGM endorsed the appointment.



16.0 ANY OTHER BUSINESS (AOB)

The President invited the AGM to raise any issues for discussion.

- 16.1 Ir. Sivalingam a/l Velupillai (F09546) informed the AGM that he used to attend the IEM activities during the late 1990's and early 2000 and thereafter did not attend until the year 2017. He informed that the services provided by the IEM Secretariat had improved tremendously and would like to congratulate the Secretariat as well as the management staff who were involved with the recruitment for a job well done. President then thanked Ir. Siva for such remarks as this would motivate the IEM Secretariat.
- 16.2 Dr Siow Chun Lim (M79391) queried on IEM's vision of being "the premier professional organisation pivotal to Malaysia achieving 2020". He questioned on IEM's vision after the year 2020 since it would be just a couple of years away. The President informed that IEM had now changed the vision to 2050 and this would be mentioned in his Presidential Address.
- 16.3 Ir. Lau Win Sang (M04323) who was the Past Chairman of the IEM Perak Branch requested for the list of members in arrears of subscription so that the Branch would take the responsibility of reminding these members in default to pay and be active members again. President thanked Ir. Lau Wing Sang for the suggestion as the assistance from the IEM Branches was essential especially on the arrears in subscription.
- 16.4 Ir. Lim Kim Ten (M24468) commented on IEM's representative to outside bodies especially on attending the technical meetings. He felt that IEM should come up with a guideline as well to ensure that the representatives attending the meeting should be competent in the areas they were required to represent. President explained that the Standing Committee on Corporate Affairs was currently drafting the guidelines on this issue.
- 16.5 Ir. Jayaseelan Nadarajah (F14445) commented that the level of English in the IEM flyers and Jurutera was lacking as he noticed that there were too many grammatical and spelling errors. He suggested that the Editorial Board should proofread before publishing the articles. He felt it would be quite embarrassing for IEM should such mistakes occur in the Jurutera and the flyers especially so when the magazine had been sent to other foreign engineering institutions such as ICE, IMechE, IET and so forth. President thanked Ir. Jayaseelan for his comments and assured that this matter would be looked into for further improvement.
- 16.6 Ir. Dr Jeyanthi Ramasamy (M29131) observed that more women engineers are studying in the institutions of higher learning compared to men. However, where IEM was concerned, the majority members were men. She further informed the AGM that according to the national agenda, there was a need to have at least 30% involvement of female workers in the organisation/workforce. However, she commented that for the IEM election, only three (3) women members were elected to serve in the Council. She stressed that there were talented women engineers in the market who could be given the opportunity to be invited. These women engineers could then be groomed to become professional engineers. President thanked Ir. Jeyanthi for her comments and concerns and informed that this issue would also be mentioned in his presidential address. He cited that having three (3) women engineers in the IEM Council was indeed an achievement where IEM was concerned.
- 16.7 Ir. Simon Yeong Chin Chow (18660) questioned whether there was any result on the passing rate of the Professional Competency Examination (PCE) conducted by BEM last November. President informed that the first PCE conducted had 6% passing rate whereas the second examination had 18%.

Ir. Lee Boon Chong (F08092) further clarified that most of them were repeating candidates. It was noted that approximately 200 candidates sat for the PCE which was considered an improvement on the passing rate.


- 16.8 Ir. Mohd Radzi bin Salleh (F20112) agreed that although the location of the Wisma IEM was good, he queried whether there were any safety features and conditions that would attract the tenants. President mentioned that a fire survey and audit report had been conducted and there was ongoing process on checking the plumbing and electrical wiring of the building.

17.0 PRESIDENTIAL ADDRESS FOR THE SESSION 2018/2019


- 17.1 The Executive Director then invited the President to present the Presidential Address 2018 entitled "*Are We Quintessential Engineers?*"

18.0 ADJOURNMENT OF 59TH ANNUAL GENERAL MEETING 2018

- 18.1 The President declared the 59th Annual General Meeting adjourned at 12.00 noon and he thanked the members for their presence. The President then reminded the members that the Annual Dinner 2018 would be held at the Grand Ballroom, Sunway Resort Hotel and Spa.



Ir. David Lai Kong Phooi
President



Ir. Mohd Khir bin Muhammad
Honorary Secretary



NO	NAME	MEMBERSHIP NO
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DISTINGUISHED HONORARY FELLOW

1.	LEE YEE CHEONG	DHF 00220
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HONORARY FELLOW

2.	YBhg. Dato' PANG LEONG HOON	HF 00015
3.	Ir. CHONG PICK ENG	HF 01214
5.	YBhg. Dato' Paduka Ir. Prof (Dr) Hj. KEIZRUL ABDULLAH @ LIM TEIK KEAT	HF 01691
6.	Mr. CHOO KOK BENG	HF 02828
7.	Ir. CHEN KIM KIEONG YBhg. Academician	HF 05128
8.	Dato' Ir. CHUAH HEAN TEIK	HF 09157

FELLOW

9.	Ir. YONG KEE CHIANG	F 01922
10.	Ir. Prof. ISHAK BIN ABDUL RAHMAN	F 02106
11.	Ir. MOHD. AMAN BIN HAJI IDRIS	F 02176
12.	Dato' Ir. HA TIING TAI	F 02269
13.	Ir. Dr. WANG HONG KOK	F 02364
14.	Ir. SHAMURI BIN AMAT WARIDI	F 02581
15.	Ir. Prof. Dr. TEE TIAM TING	F 03303
16.	Ir. Dr. SHAHRUDDIN BIN MUSLIMIN	F 03375
17.	Ir. RAMU S/O ANDY	F 03462
18.	Ir. Prof. Dr. RUSLAN BIN HASSAN	F 03541
19.	Dato' Ir. FOONG CHOY CHYE	F 03799
20.	Ir. YAP SOON HOE	F 04086
21.	Ir. LAI SZE CHING	F 04687
22.	Ir. YONG HON MIN, JAMES	F 04893
23.	Ir. ZULKIFLY BIN MADON	F 05132
24.	Ir. YAM TEONG SIAN	F 05613
25.	Ir. TEO KI YUEE	F 05701
26.	Ir. LOOK KEMAN BIN SAHARI	F 07295
27.	Ir. GOH KAR BUNG	F 08013
28.	Ir. LEE BOON CHONG	F 08092
29.	Ir. YIM HON WA	F 08247
30.	Ir. FARIDON BIN TALIB	F 09346
31.	Ir. SIVALINGAM A/L VELUPPILLAI	F 09546
32.	Ir. GOPAL NARIAN KUTTY	F 11291
33.	Ir. Dr. TAN YEAN CHIN	F 11712
34.	Ir. ONG CHING LOON	F 11938
35.	Ir. CHEW WENG YUEN	F 12156
36.	Dato' Ir. NOR HISHAM BIN MOHD. GHAZALIF	12458
37.	Dato' Ir. Dr. AHMAD ANUAR BIN OTHMAN	F 13148
38.	Dato' Ir. Dr. SEO KIAN HAW	F 13276
39.	Ir. HAN SENG KONG	F 13421
40.	Ir. Prof. Dr. NORLIDA BT. BUNYAMIN	F 13746
41.	Ir. Dr. JAYASEELAN NADARAJAH	F 14445
42.	Ir. RAZMAHWATA BIN MOHAMAD RAZALLI	F 17029
43.	Ir. MOHMAD ASARI BIN DAUD	F 18360
44.	Ir. MOHD KHIR BIN MUHAMMAD	F 18791
45.	Ir. SANTHA KUMARAN A/L ERUSAN @ KRISHNAN	F 18975
46.	Ir. SIM HUI KHENG	F 19167

47.	Ir. MOHD RADZI BIN SALLEH	F 20112
48.	Ir. Prof. Dr. CHIANG CHOONG LUIN	F 20286
49.	Dato' Seri Ir. Dr. LIEW MUN HON	F 20681
50.	Ir. C. KAMALESEN A/L CHANDRASEKARAN	F 21526
51.	Ir. AHMAD RAFIDI BIN MOHAYIDDIN	F 22228

SENIOR MEMBER

53.	Ir. CHUNG CHEE TUCK	SM 14129
54.	Ir. Dr. CHUAH JOON HUANG	SM 57551

MEMBER

55.	Ir. LEE AH SOON	M 01313
56.	Ir. TANG CHOK KHING	M 07369
57.	Ir. ABDULLAH BIN ISMAIL	M 07446
58.	Ir. LAU LEE YENG	M 07826
59.	Ir. CHONG TZIH SEN	M 07859
60.	Ir. HAN KING GUAN	M 07866
61.	Ir. TEH SEE TEE	M 08139
62.	Ir. GUNASAGARAN A/L KRISTNAN	M 08216
63.	Ir. TAN CHEE SENG	M 08821
64.	Mr. CHEW CHONG WAY	M 08870
65.	Ir. GAN KIN CHOON	M 08897
66.	Mr. SER HENG LAI	M 08907
67.	Ir. TEOH KOK ENG	M 09083
68.	Ir. TAM SHUI YEN	M 09090
69.	Ir. LEE KONG SONG	M 09196
70.	Ir. LEE SUN CHANG	M 40019
71.	Mr. KWONG KAR KITT	M 41232
72.	Mr. YAP CHEE HONG	M 41245
73.	Mr. KENG LIP KHAI	M 41299
74.	Mr. TANG KUAN PUI	M 42548
75.	Ir. FAUZUL AZAM BIN AZIZ	M 42606
76.	Ir. HARZAH MASNI BINTI RAMLI	M 46807
77.	Ir. WONG KIM YEN	M 01450
78.	Ir. CHOW SEI YING	M 01590
79.	Ir. TZE CHUAN CHEE, FRANCIS	M 01694
80.	Ir. CHOOI HOW LEONG	M 01823
81.	Ir. CHUAH SEONG JOO, HARRY	M 02033
82.	Ir. TAN SEE KOK	M 02152
83.	Ir. LAU CHEE KHIN	M 02162
84.	Ir. LOO MOON WHAI	M 02274
85.	Ir. HOH KIM FOOK	M 02607
86.	Ir. LEE HENG KENG	M 02734
87.	Ir. LEOW KAY PIN	M 02859
88.	Ir. CHEW GIM CHENG	M 02911
89.	Ir. YEE THIEN SENG	M 03177
90.	Ir. Mej. (B) MICHAEL CHAN	M 03276
91.	Ir. SOO CHING LINN	M 03300
92.	Ir. ONG GUAN HOCK	M 03317
93.	Ir. GOH CHOON LIM	M 03412
94.	Ir. WONG TUCK WOH	M 03489
95.	Ir. NG YEK KAN	M 03559
96.	Ir. MEGAT MUKHTAR BIN MEGAT NASIR	M 03568
97.	Ir. FANN WEI HWA	M 03586
98.	Ir. CHUA LEE BOON	M 03650



99. Ir. WONG MIOW SONG	M 03699	154. Ir. LEE HAN CHEE	M 12016
100. Ir. YAP KOON KIN	M 03774	155. Ir. NG YOKE KIM	M 12215
101. Ir. ABD. AZIZ BIN AHMAD	M 03778	156. Ir. WONG TUCK YOON	M 12228
102. Ir. LIM CHOY TECK	M 03787	157. Ir. HIEW LEE CHING	M 12270
103. Ir. CHONG FOOK CHOW	M 03956	158. Ir. TAN KIM TIANG	M 12274
104. Ir. GOH CHEE ENG	M 04108	159. Ir. ONG YE POO	M 12282
105. Ir. CHAN FOOK WAH	M 04112	160. Ir. TAN KIAN ENG	M 12351
106. Ir. LAU WIN SANG	M 04323	161. Ir. ZULKARNAIN BIN MUSA	M 12584
107. Ir. CHEONG CHEE KWONG	M 04417	162. Ir. NG SI YOON	M 12611
108. Ir. LIM CHEE PENG	M 04530	163. Ir. KHOR PENG SEONG	M 12709
109. Ir. SOONG SOW MENG	M 04565	164. Ir. ONG BENG HOE	M 12715
110. Ir. ZULKEFLEE BIN KHALIDIN	M 04582	165. Ir. LIM TIAN LU	M 12778
111. Ir. LIT MOON CHEW	M 04688	166. Ir. JASVINDER SINGH	M 12812
112. Ir. CHAN SIN SANG	M 04750	167. Ir. WONG HUAN YONG	M 12895
113. Ir. FRED DEVAKUMAR S/O		168. Dr. TAN KUANG LEONG	M 13221
STEPHEN NAVARATNAM	M 04758	169. Ir. KHOR KONG CHONG	M 13301
114. Ir. NG TENG POH	M 04885	170. Ir. NG TEIK POH	M 13463
115. Mr. GAN TIAN ENG	M 04904	171. Ir. BUTT HON BONG	M 13706
116. Ir. KON CHAU HWA	M 05026	172. Ir. MAH PENG CHEAH	M 13724
117. Mr. NG YONG KONG	M 05043	173. Ir. PHILLIP WONG	M 13736
118. Ir. JAGATHISEN S/O SIVA PERUMAL	M 05107	174. Ir. Hj. MOHD REDZUAN BIN MOHD RAMLI	M 13780
119. Ir. ABDUL KALTHANI BIN ABDUL GHANI	M 05204	175. Mr. TAN KAR ENG	M 13812
120. Ir. CHEANG KOK MENG	M 05221	176. Ir. SEK FOOK MENG	M 13965
121. Dato' Ir. MOHD. ZAHARI BIN MANSOR	M 05242	177. Ir. ONG TANG KOOK	M 14229
122. Ir. LIM POO LEE	M 05448	178. Ir. SHUM KENG YAN	M 14287
123. Ir. LEE KOI CHIN	M 05617	179. Ir. WONG YEE CHEN	M 14308
124. Ir. WAN TING SZE	M 05844	180. Ir. LIEW KHEE LEONG @	
125. Mr. TANG TATT SENG	M 05871	LAM KHEE LEONG	M 14505
126. Ir. LEE CHOW KHWENG	M 06025	181. Ir. ISMAIL BIN MUHAMAD ZAIN	M 14809
127. Ir. LIM SEONG KIN	M 06124	182. Mr. PANG SAN MOH	M 14936
128. Ir. ALFRED RITIKOS	M 06151	183. Ir. NG AH CHUNG	M 15445
129. Ir. LEE WEE CHU	M 06369	184. Ir. TU YONG ENG	M 15448
130. Ir. WONG, RORY KIM	M 06424	185. Ir. GANESRAJSINGHAM VEERASINGAM	M 15485
131. Ir. LEE SHEU TIONG	M 06606	186. Ir. HO SWEE CHEONG	M 15641
132. Ir. SIOW KOI TAN	M 06610	187. Mr. SEK FOOK KEONG	M 15645
133. Ir. LIM LIK	M 06752	188. Ir. CHEONG TAIK WENG, ALWIE	M 15733
134. Ir. FOO JONG WEE	M 07112	189. Ir. SHUKHEN DUTT	M 15781
135. Ir. PANG KENG LEE	M 15810	190. Ir. CHANG CHEW LEONG	M 15783
136. Mr. TAN KAI BOON	M 15831	191. Ir. LI THANG FAI	M 15803
137. Ir. OOI HOCK LYE	M 15897	192. Ir. NG JIN SENG	M 15807
138. Mr. MOHD. ZAMRI BIN ALIAS	M 16030	193. Mr. LEE GHIM PENG	M 21921
139. Ir. BEH KIM BOON	M 16294	194. Ir. PANG KIA KIM	M 22014
140. Ir. WONG SAI YONG	M 16359	195. Ir. PREM RAKESH A/L SUBRAMANIAM	M 22053
141. Ir. CHEW LEAK YAN	M 16406	196. Mr. YUSRI BIN MD. YUSOFF	M 22267
142. Ir. TAN LIP JIN	M 16493	197. Ir. FOO KAI JAAN	M 22304
143. Mr. CHOO YEOW LEONG	M 16594	198. Ir. TONY CHEW	M 22490
144. Ir. KOH FONG CHONG	M 16620	199. Ir. KOK YEN KWAN	M 22574
145. Mr. CHENG KEE WAY	M 16715	200. Ir. CHEANG SEIT KEONG	M 22717
146. Ir. YAP LEE CHOR	M 09416	201. Mr. MEGAT SUWARDI BIN SAID	M 23677
147. Ms. SEW YUH LING	M 09618	202. Ir. CHEN HARN SHEAN	M 23894
148. Ir. DIPAK KUMAR S/O MANHARLAL	M 09780	203. Ir. LING TIENG KOOI	M 24061
149. Ir. PHAN YAU KAM	M 09959	204. Ms. NG MIN LI	M 24064
150. Ir. FOO TIAN HUEI	M 11135	205. Ir. AZRIL BIN ABDULLAH AZIZI	M 24407
151. Ir. FAKHARAZI BIN WAHIJAN	M 11226	206. Mr. CHEE WENG YAN	M 24460
152. Mr. SEW SHUH TYNG	M 11409	207. Ir. LIM KIM TEN	M 24468
153. Ir. ROZANAN BIN ABDUL RASHID	M 11490	208. Ir. AHMAD BIN RAMLI	M 24708



209. Mr. LIEW KA WEI	M 24734	265. Mr. LIEW CHEE SEONG	M 21265
210. Ir. SHUHAILI BIN MOHAMAD	M 25108	266. Ir. FONG CHEW CHUNG	M 21276
211. Ir. Dr. LIEW SAN CHUIN	M 25519	267. Mr. TAN HUA CHUN	M 21296
212. Mr. LEE CHOUN MUN	M 25594	268. Ir. CHAI TZER LUEN	M 21715
213. Mr. WONG TOI JUN	M 26848	269. Mr. LAU ENG KEE	M 21721
214. Mr. LEE LOI KONG	M 26909	270. Mr. BEK PAN CHIN	M 21834
215. Mr. CHENG HEANG SWEE	M 26952	271. Ir. TANG KWANG	M 21897
216. Ir. Dr. LEE TIN SIN	M 27985	272. Ir. YONG GEE SUAN	M 47575
217. Mr. YAP WEE GHIAN	M 28298	273. Mr. LIM KEW TEE	M 48525
218. Mr. NG JIA LIN	M 28394	274. Ms. CHAN YIN HAR	M 49407
219. Ms. LEE MEI PING	M 28489	275. Mr. POR TEONG HOOI	M 49415
220. Mr. CHENG KAM HON	M 28830	276. Mr. WEE JOON KEAT	M 49442
221. Ir. TAN WANG KHAI	M 28838	277. Mr. AZMAN BIN YAHYA	M 49453
222. Kapt. (B) Ir. Hj. ANUAR BIN YAHYA	M 16894	278. Mr. MOHD IBRAHIM ARIF ZAINUDDIN	M 49971
223. Ir. HO CHOON KWANG	M 17178	279. Ir. WONG YIT SIN	M 51300
224. Ir. LIENG WEI MING	M 17372	280. Mr. TANG CHEE HOW	M 51356
225. Mr. NIZAMUDEEN BIN MANSOOR	M 17436	281. Ir. HARDI BIN DOLAH	M 51635
226. Ir. SULAIMAN BIN HASIM	M 17544	282. Ir. Dr. HAZLEE AZIL BIN ILLIAS	M 52562
227. Mr. NG BOON KIAT	M 18171	283. Ir. MOHD SHAIFUL AZLI BIN MOHD SALLEH	M 52573
228. Ir. GOH SHENG PUN	M 18185	284. Ms. ROSNELAWATI HJ ISMAIL	M 56120
229. Ir. LEONG HON WAH	M 18382	285. Ms. LEE FUNG YING	M 58132
230. Ir. RAVINDRA MASILAMONEY	M 18416	286. Ir. ABDUL RAZAK BIN YAKOB	M 59192
231. Mr. SAR KOON KONG	M 18575	287. Ir. HOR KOK LUEN	M 60074
232. Ir. YAP WOUI KIEN	M 18600	288. Ir. Prof. Dr. LEONG WAI YIE	M 60691
233. Ir. ABDUL WAHID BIN PAIJO	M 18631	289. Mr. LEE ZI SHUN	M 61171
234. Ir. YEONG CHIN CHOW	M 18660	290. Mr. MOK WAI LIANG	M 61954
235. Mr. FAN CHUN YEE	M 18703	291. Ir. OOI MONG LEE, WENDY	M 64541
236. Ir. Dr. LAU HIENG HO	M 18741	292. Mr. TEO KOK PING	M 65205
237. Mr. CHANG YEW CHEONG	M 18762	293. Ir. VIGNAESWARAN A/L SHANMUGANATHAN	M 66446
238. Ir. CHONG CHI KOONG	M 18794	294. Ir. MAH SIEW KIEN	M 66450
239. Ir. KIM KEK SEONG	M 18825	295. Ir. WONG HON MUN	M 70658
240. Mr. LOI TUCK CHOW	M 18933	296. Mr. MOHAMAD NIZAMHADI BIN BUJANG	M 71611
241. Mr. TAN KIAN SOON	M 18938	297. Mr. MOHD ALFITRI BIN ZAILAN	M 78422
242. Mr. WONG CHUZE KEONG	M 19051	298. Ir. MOHD MAWARDI BIN HASSIM	M 28943
243. Ir. AZHAN BIN MOHAMAD	M 19085	299. Mr. SAHANAN BIN SAADUN	M 29009
244. Mr. NG CHENG SINN	M 19500	300. Mr. CHAN HOE CHEONG	M 29066
245. Mr. WONG CHOW LOONG	M 19614	301. Ms. LEOW JIA HUI	M 29191
246. Mr. TEN PANG SIN	M 19972	302. Mr. YEO LUNG LUNG, ALVIN	M 29199
247. Mr. FOO KAM FAI	M 20060	303. Ir. YONG HONG LEE	M 29252
248. Ms. CHIA YUN LEE	M 20069	304. Mr. TAN CHIN LENG	M 29618
249. Mr. CHOY KIM LOONG	M 20202	305. Mr. TEH ENG HUAT	M 29666
250. Ir. YAU CHAU FONG	M 20215	306. Mr. LAU HUI LEONG	M 29697
251. Ms. LIM LEA PIENG	M 20352	307. Ir. Dr. NG SOON CHING	M 30662
252. Mr. WANG TAI FONG	M 20366	308. Ir. MAH WAY SHENG	M 30694
253. Mr. CHOI YET YOU	M 20385	309. Mr. MOHD RAZLI ISHAM BIN MD RADZI DZULKHAIRI	M 30774
254. Mr. CHEE SIONG	M 20400	310. Ir. HOONG FARN CHEONG, ALVIN	M 30798
255. Ir. CHOONG KAH CHUN	M 20532	311. Mr. MOHD NAZRI BIN SHAARI	M 32692
256. Ir. TEJINDER SINGH	M 20656	312. Mr. MOHD ZAILANI BIN MOD NOR	M 33942
257. Mr. YAP KIM CHUAN	M 20882	313. Mr. WONG WEE CHEE	M 34304
258. Ir. TIONG CHOONG HAN	M 20890	314. Mr. ADHAM BIN AHMAD	M 35618
259. Ir. FAM YEW HIN	M 20926	315. Mr. CHONG KIAN WEI	M 35768
260. Ms. CHONG ING ING	M 20965	316. Mr. TEYO ENG CHONG	M 36313
261. Mr. NG WENG SUM	M 20970	317. Ir. TAN BEE HONG	M 36345
262. Ir. VASAN MARIAPPAN	M 21169		
263. Mr. HAN CHEE KEONG	M 21184		
264. Mr. CHENG CHIN CHUAN	M 21201		



318. Mr. AHMAD MAYADI BIN ISMAIL	M 36844
319. Ir. Dr. MOHD AZLAN BIN ABU	M 38364
320. Ir. SREEDARAN A/L RAMAN	M 38681
321. Ir. Dr. LEE YUN FOOK	M 38707
322. Ms. WONG SIEW YEE	M 39963
323. Ir. CHIN MIN FONG, CORNELIUS	M 79381
324. Dr. SIOW CHUN LIM	M 79391
325. Mr. MUSTAFA MAAROF BIN JUNID	M 80668
326. Mr. NG BAN FOUN	M 80674
327. Mr. MOHD RAWAWI BIN AWANG NGAH	M 84915
328. Mr. LEE MENG CHUAN	M 92136
329. Ir. TOK CHYE HOCK	M 93751
330. Mr. YAP YONG CHEP	M 97541

GRADUATE

331. Mr. TEO MENG SENG	G 09330
332. Mr. IMRAN JAVED BIN MOHAMED ALI	G 18943
333. Mr. LEE SEE PENG	G 21908
334. Mr. WONG ZHI YONG	G 38313
335. Mr. MOHD HAMRI BIN ABDUL HAMID	G 53735
336. Mr. LOOI TINK HUEY, ALEX	G 62106
337. Mr. NG HORNG HENG, BRYAN	G 70557
338. Mr. BONG NEE SHIN, VICTOR	G 72205
339. Dr. KHOO CHUN YONG	G 77573
340. Mr. YEE HAN MIN, STEPHEN	G 79296
341. Mr. SIM WEI HONG, JAMES	G 79319
342. Mr. CLIFF JUDE ZEHNDER	G 93852
343. Mr. YAP KIAN KUN	G 99160

STUDENT

343. Sdr. MUHAMMAD HASIF BIN ABDUL WAHID	S 86647
344. Sdr. AWANGKU ASYRAF BIN AWANGKU HIDUP	S 89071



**MESYUARAT AGUNG TAHUNAN YANG KE 59, INSTITUSI JURUTERA MALAYSIA YANG DIADAKAN
PADA 21 APRIL 2018 BERTEMPAT DI AUDITORIUM MALAKOFF
WISMA IEM, PETALING JAYA PADA PUKUL 09:00 PAGI**

AHLI-AHLI YANG HADIR - SEPERTI DI LAMPIRAN A

1.0 UCAPAN ALUAN OLEH YANG DI PERTUA

1.1 Yang DiPertua, Ir. Dr Tan Yean Chin mengucapkan terima kasih dan mengalu-alukan kehadiran ahli ke Mesyuarat Agung Tahunan yang ke-59. Beliau kemudian memaklumkan bahawa tiga bilik yang berbeza telah digunakan untuk Mesyuarat Agung Tahunan, iaitu Auditorium Tan Sri Prof Chin Fung Kee terletak di tingkat 3, Bilik Kuliah C & S / TUS bertempat di tingkat 2 dan Auditorium Malakoff di tingkat bawah yang merupakan bilik utama MAT.

Yang DiPertua memaklumkan bahawa persidangan video akan disiarkan secara langsung di kedua-dua bilik di tingkat tiga (*Auditorium Tan Sri Prof Chin Fung Kee*) dan tingkat dua (*bilik kuliah C & S / TUSTD*).

Yang DiPertua juga memberitahu bahawa Sekretariat akan ditempatkan di setiap bilik bagi membantu ahli-ahli semasa berlangsungnya Mesyuarat Agung Tahunan. Yang DiPertua kemudiannya meminta ahli-ahli untuk memberikan nama dan nombor ahli semasa sesi soal jawab untuk tujuan rekod.

Beliau seterusnya membentangkan ringkasan keseluruhan tentang aktiviti yang telah dijalankan sepanjang sesi 2017/2018.

1.2 Ringkasan Keseluruhan IEM bagi sesi 2017/2018

Yang DiPertua memaklumkan bahawa jumlah terkini keahlian IEM adalah 45,666 yang merangkumi kesemua gred. Beliau juga melaporkan bahawa IEM sedang menjalankan promosi untuk gred keahlian "Incorporated" dan "Associate" khususnya untuk para "Engineering Technologists" dan "Technician". Matlamat utamanya adalah supaya IEM dapat mengekalkan kemampunan jangka panjang.

Beliau juga melaporkan bahawa pindaan Perlembagaan IEM di mana lima (5) kerusi diperuntukkan untuk ahli "Companion" dan Siswazah dan satu (1) kerusi untuk wakil Jurutera Wanita dalam Majlis IEM telah diluluskan oleh Pendaftar Pertubuhan.

MAT juga telah dimaklumkan bahawa IEM telah menandatangani Memorandum Persefahaman (MoU) dengan American Institute of Chemical Engineers (AIChE) pada 16 November 2017. Di samping itu, MoU juga telah ditandatangani dengan lima (5) institusi pengajian tinggi iaitu Universiti Malaysia Pahang (UMP), AIMST, Nilai University, Universiti Malaysia Sarawak (UNIMAS) dan USCI.

MoU dengan Majlis Bandaraya Miri (MBM) juga telah diperbaharui pada 20 April 2017. Tujuan utama inisiatif ini adalah untuk meneruskan perhubungan dan kerjasama yang baik dengan MBM terutamanya dalam penganjuran bersama program kesedaran awam selain daripada membantu majlis-majlis tempatan menyalurkan perkhidmatan dan kemudahan yang baik kepada komuniti masing-masing.

IEM juga telah menandatangani MoU dengan enam (6) buah organisasi iaitu Malaysian Geotechnical Society (MGS), The Electrical and Electronics Association of Malaysia (TEEAM), Malaysian Institute of Road Safety Research (MIROS), Technological Association of Malaysia (TAM), Malaysian Oil and Gas Engineering Council (MOGEC) dan Rapid Rail Sdn Bhd. Objektif utama MoU adalah untuk membina kerjasama yang baik dengan organisasi-organisasi tersebut.

Yang DiPertua juga telah memaklumkan bahawa wakil-wakil IEM aktif dalam memberi khidmat nasihat khususnya perkara-perkara berkaitan dengan isu-isu kejuruteraan dalam agensi-agensi kerajaan dan jawatankuasa-jawatankuasa teknikal. IEM juga giat dalam meneruskan hubungan baik dengan pertubuhan-pertubuhan profesional dalam negara.

Sepanjang sesi 2017/2018, IEM telah mengeluarkan lapan (8) kenyataan akhbar dan 50 klip akhbar yang diterbitkan oleh pihak media. Kesemuanya boleh didapati dari laman web IEM.

IEM telah menganjurkan dua (2) persidangan antarabangsa, empat ratus dua puluh (420) ceramah, empat ratus dua puluh satu (421) kursus/bengkel/seminar serta tujuh (7) lawatan teknikal sepanjang sesi yang lepas.

MAT turut dimaklumkan bahawa IEM telah berjaya dalam tawaran untuk menganjurkan "World Tunnel Congress 2020" (WTC2020) di mana Malaysia Berjaya menewaskan India dan Australia dengan jumlah kiraan 30 undi. Yang DiPertua juga memaklumkan MAT bahawa persidangan ini akan menjadi aktiviti paling besar yang pernah dianjurkan oleh IEM dengan anggaran kehadiran 2,000 peserta persidangan dan 100 penganjur pameran. Persidangan dan pameran tersebut akan dianjurkan oleh IEM Training Centre Sdn Bhd dan diharapkan kejayaan aktiviti itu akan meraih keuntungan untuk IEM antara satu hingga dua juta ringgit Malaysia. Selain daripada WTC2020, IEM juga telah berjaya dalam tawaran untuk mejadi penganjur bagi Asia Pacific Confederation of Chemical Engineering (APCChE) Congress dan Mesyuarat Lembaga APCChE pada tahun 2021.



Yang DiPertua seterusnya memaklumkan kepada MAT bahawa IEM telah mengambil bahagian dalam aktiviti-aktiviti antarabangsa yang berikut sepanjang sesi 2017/2018:

- 4th FEIAP Convention dan 21st FEIAP General Assembly, 15 - 18 Mei 2017 di Islamabad, Pakistan
- The International Engineering Alliance (IEA) meetings, 18 - 23 Jun 2017 di Anchorage, Alaska, USA
- AFEO Mid-term Governing Board Meeting, 16 -19 Julai 2017 di Singapura
- 17th APPChE Congress, 23-27 Ogos 2017 di Hong Kong
- 35th AFEO Governing Board Meeting, 15 -18 November 2017 di Bangkok, Thailand
- WFEO General Assembly, WFEO Committee of Women in Engineering (WIE) dan WFEO Standing Committee on Engineering for Innovative Technologies (WFEO-CEIT), 26 November - 3 Disember 2017 di Rome, Italy
- FEIIC General Assembly, 16-18 Disember di Madinah, Saudi Arabia

2.0 PENGESAHAN MINIT MESYUARAT AGUNG TAHUNAN YANG KE 58 YANG DIADAKAN PADA 15 APRIL 2017

Yang DiPertua kemudian menjemput ahli yang hadir untuk membuat semakan minit Mesyuarat Agung Tahunan seperti yang telah dicetak di muka surat 75 hingga 85 dalam Laporan Tahunan serta senarai kehadiran dari mukasurat 86 hingga 89. Versi Bahasa Malaysia terdapat di mukasurat 90 hingga 100.

Memandangkan tidak ada ralat yang disuarakan dalam minit tersebut, YBhg. Academician Dato' Ir. Prof Dr Chuah Hean Teik (HF09157) mencadangkan minit Mesyuarat Agung Tahunan ke-58 yang diadakan pada 15 April 2017 disahkan. Usul itu disokong oleh Ir. Zulkifly bin Madon (M05132).

2.1 Pengesahan Minit Mesyuarat Agung Khas yang diadakan pada 14 Oktober 2017

Yang DiPertua seterusnya menjemput ahli yang hadir untuk membuat semakan minit Mesyuarat Agung Khas seperti yang telah dicetak di mukasurat 101 dan 102 serta versi Bahasa Malaysia di mukasurat 103 dan 1044.

YBhg. Academician Dato' Ir. Prof Dr Chuah Hean Teik (HF09157) membangkitkan soalan untuk perkara 1.4.2 dalam minit Mesyuarat Agung Khas samada Artikel 4.3 telah diluluskan. Beliau memberi komen bahawa cara laporan dibuat dalam minit menunjukkan seolah-oleh perkara tersebut tidak diluluskan. Beliau juga mengingatkan MAT bahawa usul yang beliau cadangkan pada masa itu untuk menambahkan frasa "*.....which are in line with the objective of the Institution*" tidak diluluskan. Hanya usul cadangan asal telah diluluskan oleh Pendaftar Pertubuhan. Yang DiPertua bersetuju bahawa rekod minit tersebut perlu diubah kepada "*Voting was carried out on the original proposal and the results were as follows*".

Memandangkan tiada lagi komen atau kesilapan yang dibangkitkan, Ir. Razmahwata bin Mohamad Razalli (F17029) mencadangkan supaya minit Mesyuarat Agung Khas yang diadakan pada 14 Oktober 2017 disahkan. Usul tersebut disokong oleh Ir. Ho Choon Kwang (M17178) dan seterusnya diterima oleh MAT.

3.0 PERKARA BERBANGKIT

Yang DiPertua meneruskan dengan perkara berbangkit dan memberikan penjelasan mengenai perkara-perkara berikut:

Mesyuarat Agung Ke-58 pada 15 April 2017

Mukasurat 81 – perkara 8.1.1

Pindaan Perlembagaan

Yang DiPertua melaporkan bahawa kesemua cadangan pindaan perlembagaan yang diluluskan oleh Mesyuarat Agung Khas 14 Oktober 2017 telah dihantar kepada semua ahli korporat untuk tujuan undian. MAT dimaklumkan bahawa para ahli korporat telah memberi maklumbalas yang positif dan justeru kesemua pindaan telah dikemukakan kepada Pendaftar Pertubuhan. Kelulusan telah diterima daripada Pendaftar Pertubuhan pada 20 Disember 2017.

Lima (5) orang wakil "Companion" dan "Siswazah" akan dijemput ke dalam Majlis selepas Mesyuarat Agung Tahunan Bahagian Siswazah (YES) pada bulan Jun 2018 manakala wakil Bahagian Jurutera Wanita akan dijemput menghadiri mesyuarat Majlis yang pertama untuk sesi 2018/2019.

Mukasurat 76 – perkara 3.0

Anugerah untuk Cawangan

Yang DiPertua melaporkan bahawa cadangan Anugerah Kecemerlangan Yang DiPertua patut merangkumi kesemua cawangan-cawangan IEM, Jawatankuasa Aktiviti berpendapat bahawa cawangan-cawangan IEM berada pada tahap yang amat berbeza dari segi pertumbuhan dan aktiviti. Dari segi penilaian, ini akan menjadikan pertandingan tersebut kurang adil.

4.0 LAPORAN TAHUNAN SESI 2017/2018

Yang DiPertua seterusnya menjemput Setiausaha Kehormat, Ir. Yap Soon Hoe untuk membentangkan aktiviti-aktiviti yang telah dianjurkan pada tahun 2017 sepertimana yang dicetak pada mukasurat 117 hingga 168 dalam Laporan Tahunan.



4.1 MAJLIS DAN JAWATAN KUASA KERJA

Untuk sesi 2017/2018, sebanyak lima mesyuarat (5) Majlis telah diadakan. Mesyuarat-mesyuarat tersebut membincangkan perkara-perkara yang berkaitan dengan dasar-dasar IEM dalam membuat keputusan atas perkara-perkara yang berkaitan cara operasi dan pentadbiran Institusi. Jawatankuasa Kerja pula telah mengadakan sebanyak tiga belas (13) mesyuarat untuk sesi 2017/2018. Peranan Jawatankuasa Kerja adalah untuk melaksanakan dan menjalankan keputusan-keputusan Majlis.

4.2 PERWAKILAN DALAM LEMBAGA JURUTERA MALAYSIA

MAT juga dimaklumkan bahawa IEM mempunyai lima (5) orang wakil yang dilantik ke dalam Lembaga Jurutera Malaysia (LJM). Sembilan (9) ahli juga mewakili IEM dalam jawatankuasa-jawatankuasa LJM yang lain sementara enam (6) wakil IEM dilantik untuk bertugas dalam Majlis Akreditasi Kejuruteraan.

4.3 Keahlian

MAT dimaklumkan bahawa keahlian IEM setakat ini berjumlah 45,666 dan pelbagai aktiviti dilaksanakan demi mencapai bilangan 100,000 orang ahli sepertimana yang ditentukan oleh Bekas Yang DiPertua Ir. Vincent Chen Kim Kieong.

Setiausaha Kehormat melaporkan bahawa setakat 31 Disember 2017, seramai 7,808 orang calon telah diterima oleh Jawatankuasa Kemasukan dan Latihan Praktikal di bawah jagaan Ir. Prof Dr Norlida Buniyamin untuk kemasukan/pemindahan ke gred-gred berlainan.

4.4 Daftar Antarabangsa

Dari segi daftar-daftar dan gabungan-gabungan antarabangsa, bagi tahun 2017, seramai 20 orang ahli telah didaftarkan sebagai Jurutera ASEAN (ASEAN Eng), 43 diluluskan untuk Jurutera Associate ASEAN (AAE) dan 43 diluluskan bagi pendaftaran APEC dan International Engineer (IntPE).

4.5 Buku Log IEM

MAT dimaklumkan bahawa Jawatankuasa Kecil Buku Log yang dipengerusikan oleh Ir. Peter Han Seng Kong sedang dalam proses membuat penambahbaikan kepada format buku log selaras dengan proses Temu Duga Profesional IEM yang baru.

4.6 Lembaga Latihan IEM

Ir. Li Thang Fai meneruskan tugas beliau sebagai pengerusi Lembaga Latihan di mana 618 permohonan CPD diluluskan untuk IEM dan juga pembekal-pembekal latihan yang lain.

4.7 Proses Temu Duga yang Dipertingkatkan

MAT dimaklumkan bahawa mulai 1 Januari 2018, proses Temuduga IEM yang konvensional telah ditamatkan dan digantikan dengan proses yang telah dipertingkatkan. Ini menyebabkan penerimaan lebih kurang 1000 permohonan telah diterima pada bulan Disember 2017 untuk temuduga profesional konvensional.

Implementasi proses Temu Duga Profesional yang baru ini dikendalikan oleh Jawatankuasa Peperiksaan dan Kelayakan yang dipengerusikan oleh Ir. Lee Boon Chong.

4.8 Lembaga Temuduga Profesional

MAT dimaklumkan bahawa bagi sesi 2017/2018, seramai 925 permohonan telah diterima untuk menduduki Temuduga Profesional. 497 telah lulus dan ini merupakan kelulusan 86.5%. 77 calon telah gagal (13.5%) manakala 186 calon sedang menunggu keputusan. Lembaga Temuduga Profesional dipengerusikan oleh Ir. Tu Yong Eng.

4.9 Penerbitan dan Informasi

Setiausaha Kehormat memaklumkan kepada MAT bahawa Jawatankuasa ini yang dipengerusikan oleh Ir. Prof. Dr Ruslan bin Hassan telah menerbitkan (12) terbitan berkala "Jurutera" (majalah IEM) dalam tahun 2017. Sebanyak dua terbitan IEM Jurnal juga telah berjaya diterbitkan pada tahun 2017.

4.10 Perpustakaan IEM

MAT juga dimaklumkan bahawa Perpustakaan IEM telah menambahkan koleksi buku-buku fizikal daripada 6,834 pada tahun 2016 kepada 6,954 pada tahun 2017 yang meliputi pelbagai topik. Perpustakaan IEM juga telah memperolehi 272 buku elektronik khususnya dalam bidang kejuruteraan dan teknologi.



4.11 Anugerah Kecerlangan Yang DiPertua

Setiasaha Kehormat seterusnya mengumumkan keputusan untuk tahun 2017 adalah seperti di bawah:

<i>Pemenang</i>	<i>Bahagian Teknik Kejuruteraan Geoteknik</i>
<i>Tempat Kedua</i>	<i>Bahagian Teknik Kejuruteraan Elektrik</i>
<i>Tempat Ketiga</i>	<i>Bahagian Teknik Kejuruteraan Awam dan Struktur</i>
<i>Tempat Keempat</i>	<i>Bahagian Teknik Kejuruteraan Mekanik</i>
<i>Tempat Kelima</i>	<i>Bahagian Teknik Pengurusan Projek</i>
<i>Paling Baik</i>	<i>Bahagian Teknik Pendidikan Kejuruteraan</i>

4.12 Perwakilan ke Badan-badan Luar

MAT dimaklumkan bahawa satu Kumpulan Kerja telah ditubuhkan untuk mengkaji serta menambahbaikkan struktur perlantikan ahli-ahli untuk mewakili IEM dalam badan-badan luar. Kumpulan Kerja ini adalah di bawah jagaan Jawatankuasa Amalan Profesional yang dipengerusikan oleh Ir. Lai Sze Ching. Sebuah manual sedang disediakan dengan tujuan untuk memastikan kemampuhan perwakilan IEM dan juga memastikan wakil-wakil ini mempunyai pengetahuan yang mantap dalam subjek-subjek berkenaan.

4.13 Manual Operasi Cawangan

Setiasaha Kehormat juga melaporkan bahawa Manual Operasi Cawangan (OMB) juga telah disediakan demi membantu dan memberi panduan kepada cawangan-cawangan IEM dalam perancangan, penganjuran dan penambahbaikan operasi cawangan. Manual tersebut telah disediakan oleh Jawatankuasa Hal-hal Korporat yang dipengerusikan oleh Ir. Ong Ching Loon.

OMB merangkumi terma-terma, prosedur-prosedur serta garis panduan dalam mengendalikan operasi dan pentadbiran cawangan. OMB itu juga akan menjadi dokumen asas untuk memastikan kesinambungan dan penyeragaman operasi kesemua cawangan IEM.

4.14 Dana Benevolen IEM

MAT dimaklumkan bahawa sebanyak RM27,979.94 telah disumbangkan oleh para ahli bagi sesi 2017/2018. IEM mengucapkan setinggi-tinggi terima kasih kepada semua ahli-ahli di atas sokongan mereka. Baki akaun Dana Benevolen pada akhir Disember 2017 berjumlah RM464,999.75.

4.15 Hari Keluarga IEM

Hari Keluarga IEM tahun 2017 yang telah dianjurkan pada 7 Mei 2017 di Universiti SEGi, Kota Damansara telah dihadiri oleh lebih daripada 500 peserta yang terdiri daripada ahli Majlis IEM, ahli-ahli IEM dan ahli keluarga mereka. MAT juga dimaklumkan bahawa Hari Keluarga seterusnya akan dianjurkan pada 22 Julai 2018 di Persatuan Alumni Universiti Malaya.

4.16 Minggu Kejuruteraan 2017 (EW2017)

Minggu Kejuruteraan IEM ke-21 dengan tema 'Engineering the World for a Better Future' telah dianjurkan pada 20-27 Ogos 2017. EW2017 dirasmikan dengan Larian Jurutera IEM 2017 bertempat di Perdana Botanical Garden Kuala Lumpur dengan penyertaan 1,000 peserta larian. MAT juga dimaklumkan bahawa untuk tahun 2018, Minggu Kejuruteraan akan bermula dengan acara Larian Jurutera 2018 pada 12 Ogos 2018 bertempat di Universiti Putra Malaysia (UPM) dan akan diakhiri dengan Pertandingan Sains, Teknologi, Kejuruteraan dan Matematik (STEM) pada 18 Ogos 2018 bertempat di Monash University.

4.17 Penjenamaan

MAT dimaklumkan bahawa Perbadanan Harta Intelek Malaysia (MyIPO) telah meluluskan permohonan IEM untuk mendaftarkan logo IEM yang baru. IEM telah memulakan aktiviti penjenamaan dengan meletakkan logo tersebut dalam surat-menyurat, papantanda, kad nama, pin-pin dan pelekat kereta.

4.18 Kertas Posisi IEM

MAT juga dimaklumkan bahawa terdapat dua kertas posisi yang kini dalam proses iaitu "*Employment of Professional Engineers in Key Government Positions*" oleh Kumpulan Kecenderungan Khas Jurutera Awam (PSESIG) dan "*Building Railway Engineering Capacity for the Future*" oleh Bahagian Teknik Kejuruteraan Elektrik (EETD).

4.19 Sesi Soalan – Laporan Tahunan

- 4.19.1 Ir. Vincent Chen Kim Kieong (Hon.F05128) memohon penjelasan daripada Setiausaha Kehormat berkenaan keahlian (perkara 2.1 mukasurat 117) di mana laporan menyatakan terdapat sebanyak 35 orang "Senior". Beliau berpendapat bahawa bilangan yang rendah ini mungkin disebabkan oleh beberapa perkara. Salah satu perkara mungkin disebabkan proses yang terlibat dan yuran keahlian untuk gred Senior yang bernilai RM210 berbanding RM155 untuk Ahli biasa.

Beliau mencadangkan supaya Majlis mempertimbangkan pemindahan automatik dan mengekalkan yuran yang sama dengan Ahli biasa iaitu RM155.



Ir. Vincent Chen seterusnya menambah bahawa satu lagi kategori yang memerlukan perhatian adalah gred "Companion". Beliau memaklumkan bahawa ramai ahli kurang selesa dengan terma "Companion" dan dengan itu tidak berminat untuk membuat permohonan gred tersebut. Beliau seterusnya memaklumkan bahawa terdapat cadangan untuk menggunakan terma "Senior Graduate Member" dan beliau berpendapat terma ini adalah amat sesuai.

Beliau juga berharap pihak Majlis dapat meluluskan cadangan untuk pemindahan automatik untuk dua kategori. Beliau yakin dengan perubahan ini, IEM berkemungkinan dapat merekrut dalam 5,000 orang Ahli Senior dan 3,000-4,000 ahli gred Companion dalam dua-tiga tahun seterusnya.

Berkenaan keahlian sebanyak 46,555, Ir. Vincent Chen mengucapkan tahniah kepada Jawatankuasa Kecil Menggiatkan Keahlian (MDP) di atas pencapaian yang baik. Namun, beliau berpendapat bahawa tidak terdapat jurang perbezaan yang besar antara jumlah ahli pada tahun 2014 dan 2018 (mukasurat 117) jika bilangan Ahli Siswa tidak diambil kira. Beliau juga membuat komen bahawa bilangan ahli Korporat dan ahli Siswazah tidak menunjukkan perbezaan yang ketara. Beliau berpendapat ini disebabkan kehilangan ahli di mana ramai juga ahli yang tidak memperbaharui keahlian mereka dan selepas dua (2) tahun, keahlian mereka akan dipadam. Jumlah yang terlibat adalah antara 4000 hingga 5000 orang. Walaupun MDP berusaha untuk merekrut ahli, bilangan ahli yang tidak memperbaharui keahlian mereka dan kemasukan ahli baru adalah agak sama. Ini menyebabkan jumlah penambahan ahli menjadi kurang.

Beliau juga memaklumkan bahawa berdasarkan maklumat daripada laman web Lembaga Jurutera Malaysia (LJM), bilangan jurutera yang berdaftar adalah dalam lingkungan 123,000 termasuk Jurutera Professional dan Jurutera Siswazah. Beliau berharap Majlis dan Jawatankuasa Kerja dapat mencari alternatif untuk merekrut mereka sebagai ahli IEM.

Yang DiPertua mengucapkan terima kasih kepada Ir. Vincent Chen di atas komen dan cadangan beliau. Yang DiPertua mengatakan bahawa Majlis akan memberi perhatian serius di dalam usaha ini. Namun, beliau mengingatkan MAT bahawa para jurutera siswazah hanya perlu membuat satu kali bayaran sahaja untuk berdaftar dengan LJM manakala yuran keahlian IEM adalah secara tahunan.

Ir. Jayaseelan Nadarajah (F14445) memohon penjelasan untuk perkara 6.2.1 pada mukasurat 123 dan perkara 4.4 pada mukasurat 77. Beliau mendapati peratusan yang dinyatakan tidak betul. Yang DiPertua menjelaskan bahawa data pada mukasurat 77 adalah berdasarkan minit mesyuarat 2016/2017 manakala data 6.2.1 pada mukasurat 123 adalah berdasarkan data 2017/2018. Bagaimanapun Yang DiPertua bersetuju bahawa satu ruang patut ditambah untuk menunjukkan bilangan ahli yang telah menduduki Temuduga Profesional supaya peratusan akan lebih nyata.

Y.Bhg. Academician Dato' Ir. Chuah Hean Teik (Hon.F09157) memaklumkan selain daripada bayaran yuran sekali untuk LJM, pendaftaran LJM adalah wajib dalam Akta Pendaftaran Jurutera 1967 (pindaan 2015) sementara keahlian Siswazah IEM adalah sukarela.

Beliau menambah walaupun terdapat 123,000 jurutera yang berdaftar dengan LJM, namun bilangan Jurutera Profesional telah berkurangan memandangkan kenaikan kadar yuran daripada RM200 kepada RM400.

Y.Bhg. Academician Dato' Ir. Chuah Hean Teik (Hon.F09157) juga membuat komen bahawa gred "Companion" perlu diberi definisi yang lebih mendalam. Namun Yang DiPertua memaklumkan MAT bahawa Majlis sedang mengkaji secara serius dalam mencari terma yang lebih sesuai untuk gred "Companion" dan beliau berharap pada sesi seterusnya, Jawatankuasa Kerja dan Majlis dapat mengemukakan cadangan kepada MAT.

Ir. David Lai Kong Phooi (F09917) juga memberi respons berkenaan yuran RM210 berbanding RM150, di mana beliau memaklumkan MAT bahawa IEM sedang berusaha untuk mendapatkan lebih banyak manfaat untuk para ahli. Salah satu manfaat yang telah didapati adalah diskaun sebanyak 6% untuk pembelian kereta Mercedes dan BMW. Beliau juga menjelaskan bahawa yuran sebanyak RM210 masih rendah jika dibandingkan dengan yuran tahunan institusi-institusi luar negara. Beliau menegaskan bahawa ahli-ahli patut memberi perhatian kepada kualiti keahlian IEM dan bukan kadar yuran yang dibayar.

Ir. Choo Kok Beng (Hon.F02828) menyokong komen Ir. David Lai bahawa manfaat-manfaat yang dapat diperolehi untuk ahli-ahli IEM adalah tarikan yang baik dan beliau menyeru kepada ahli-ahli yang hadir supaya mengambil kesempatan di atas manfaat tersebut. Beliau juga mencadangkan supaya IEM cuba mendapatkan diskaun yang sama daripada Proton untuk manfaat bersama ahli-ahli IEM. Beliau menegaskan bahawa salah satu kesimpulan dalam "Productivity Blue Print" yang telah dilancarkan tahun lepas adalah kekurangan profesional untuk memacu produktiviti negara. Beliau mencadangkan Majlis dan Jawatankuasa Kerja supaya memperkenalkan insentif untuk menggalakkan ahli-ahli Siswazah IEM mendaftar sebagai Jurutera Profesional.

Ir. Fam Yew Hin (M20926) juga memaklumkan MAT bahawa Jawatankuasa Kebajikan dan Servis telah memperkenalkan "IEM Loyalty Card" yang menyenaraikan beberapa jenis diskaun contohnya dari Focus Point di mana ahli IEM boleh mendapat diskaun 40%-60% di rangkaian kedai-kedainya. Selain daripada diskaun untuk pembelian kereta, terdapat juga diskaun untuk penginapan hotel dsb. Yang DiPertua mengucapkan terima kasih kepada Ir. Fam Yew Hin di atas penjelasan beliau.

Oleh kerana tidak terdapat komen dan soalan yang lain, Ir. Dr Ahmad Anuar bin Othman (F13148) mencadangkan supaya Laporan Tahunan diterima. Cadangan tersebut disokong oleh Ir. Dr Ng Soon Ching (M30662) dan seterusnya diterima oleh MAT.



5.0 AKAUN BAGI TAHUN BERAKHIR 31 DISEMBER 2017

5.1 Yang DiPertua kemudiannya menjemput Bendahari Kehormat, Ir. Dr. Wang Hong Kok untuk membentangkan laporan kewangan IEM untuk tahunan kewangan 1 Januari 2017 sehingga 31 Disember 2017. Ir. Dr Wang Hong Kok memberitahu MAT bahawa laporan akaun terdapat dari mukasurat 193 hingga 216. Namun beliau hanya akan fokus pada mukasurat 194, 195 dan 196.

5.2 Bendahari Kehormat memaklumkan MAT bahawa penyata kewangan terdiri daripada dua (2) set akaun di mana ruang yang ditandakan "Institusi" yang disebut prestasi kewangan IEM HQ dan angka-angka ini tidak termasuk kedudukan kewangan Cawangan IEM. MAT memaklumkan bahawa Cawangan IEM akan memfailkan set penyata kewangan mereka sendiri dengan Lembaga Hasil Dalam Negeri (LHDN) cawangan negeri masing-masing.

Beliau juga memaklumkan bahawa ruang yang ditandakan dengan "Kumpulan" merujuk kepada akaun gabungan bagi kedua-dua IEM HQ dan IEM Training Centre Sdn Bhd. Sebahagian ruang dengan angka yang dipaparkan di bawah "Institusi" ditinggalkan kosong di bawah "Kumpulan" disebabkan angka-angka pembayaran / penerimaan antara IEM dan IEM TC yang telah dilupuskan semasa penyatuan dibuat.

5.3 Bendahari Kehormat melaporkan bahawa pada keseluruhannya, IEM telah meraih lebih sebanyak RM1,823,390 dalam tahun 2017 berbanding RM1,464,518 dalam tahun 2016. Peratusan lebih adalah 24%. Jumlah pendapatan tahun 2017 adalah RM6,617,499 berbanding RM6,005,611 dalam tahun 2016. Kenaikan jumlah pendapatan ini adalah disebabkan jualan pejabat IEM Cawangan Pulau Pinang dan juga dividen yang telah diisytiharkan oleh IEM Training Centre sebanyak RM489,289 – kadar kenaikan adalah 62% berbanding tahun 2016.

5.4 MAT juga dimaklumkan bahawa penyumbang utama kepada jumlah pendapatan adalah yuran keahlian (51%), pelupusan hartanah (22%), servis institusi (6%) dan dividen (7%).

Kutipan yuran keahlian bagi tahun 2017 adalah 84.8%, kadar penurunan 5.2% berbanding 90% pada tahun 2016.

5.5 Bendahari Kehormat juga memaklumkan bahawa jumlah perbelanjaan RM4,712,539 pada tahun 2017 berbanding RM4,550,160 bagi tahun 2016 merupakan kenaikan sebanyak 3.6%. Kenaikan ini khususnya melibatkan pengajian dan perbelanjaan pentadbiran.

Yang DiPertua mengucapkan terima kasih kepada Bendahari Kehormat di atas pembentangan laporan akaun dan seterusnya menjemput persoalan dari para hadirin.

5.6 Bendahari Kehormat juga melaporkan bahawa jumlah perbelanjaan dalam tahun 2016 adalah RM4,550,160 penurunan sebanyak RM1,815 (0.03%) berbanding RM4,548,345 dalam tahun 2015.

5.7 Sesi Soalan - Akaun

5.7.1 YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) menyoal berkenaan kadar yuran tertunggak yang agak tinggi dan meminta penjelasan samada IEM telahpun mengambil sebarang tindakan untuk menggalakkan para ahli membayar yuran. Beliau mencadangkan supaya IEM membuat kajian bagaimana dapat menggalakkan para ahli supaya membayar yuran contohnya dengan pengenalan manfaat mendapat diskaun 6% dalam pembelian kereta mewah.

Yang DiPertua bersetuju bahawa IEM perlu menambahbaikkan promosi yang dijalankan. Ir. David Lai Kong Phooi (F09917) menjelaskan bahawa yuran tertunggak adalah lebih kurang RM226,000 dan usaha sedang dijalankan untuk mengutip yuran tertunggak ini termasuk urusetia membuat panggilan kepada ahli yang belum membayar yuran. Beliau juga bersetuju bahawa IEM perlu meningkatkan manfaat untuk ahli terutamanya dri segi diskaun, aktiviti CPD dsb. Beliau juga memaklumkan bahawa satu Jawatankuasa Khas telah ditubuhkan oleh Jawatankuasa Kewangan untuk memberi perhatian serius terhadap isu yuran tertunggak ini.

5.7.2 Dato' Paduka Hj. Ir. Prof. (Dr) Keizrul Abdullah @ Lim Teik Keat (Hon.F01691) membuat kesimpulan bahawa lebih bagi tahun 2017 sebanyak RM1,863,000 berbanding RM1,263,000 bagi tahun 2016 adalah termasuk keuntungan daripada pelupusan hartanah cawangan Pulau Pinang. Beliau menjelaskan bahawa lebih tahun 2017 adalah rendah jika keuntungan ini dikecualikan. Beliau juga menegaskan bahawa lebih juga berkurangan akibat kehilangan sewaan dari Wisma IEM yang dijangka akan menurun lebih lagi dalam tahun 2018.

Bendahari Kehormat memaklumkan MAT bahawa sememangnya pendapatan daripada sewa bangunan akan merosot dengan penamatan penyewa di Wisma IEM. Namun, Jawatankuasa Kewangan sedang berusaha untuk mendapatkan penyewa baru.

Timbalan Yang DiPertua, Ir. David Lai Kong Phooi (F09917) seterusnya memaklumkan bahawa IEM kehilangan pendapatan sebanyak RM120,000 setiap bulan dengan penamatan perjanjian sewaan di Wisma IEM. Namun, IEM Training Centre Sdn Bhd telah diminta mengambil alih sebahagian daripada ruang yang ada. Perbincangan dengan pihak-pihak yang berminat sedang diadakan.

Timbalan Yang DiPertua juga menjelaskan bahawa berdasarkan keadaan pasaran masa kini, sewa yang dapat dikutip dari ruang yang dapat disewakan adalah dalam lingkungan RM30,000 sebulan. Untuk menampung perbelanjaan bangunan tersebut, IEM perlu menjana pendapatan sebanyak RM50,000 sebulan. Beliau seterusnya memaklumkan bahawa Jawatankuasa Kewangan bercadang untuk menukarkan sebahagian daripada tingkat bawah bangunan tersebut kepada galeri pameran di mana syarikat-syarikat yang berminat dapat mempamerkan produk-produk mereka. Adalah diharapkan penyewa-penyewa ini dapat menyalurkan pendapatan sekurang-kurangnya RM20,000 sebulan. Cadangan-cadangan ini diharap dapat menampung kekurangan akibat yuran tertunggak dan kekurangan dari pendapatan Bahagian Teknik.



- 5.7.3 Ir. Gunasagaran a/l Kristnan (M08216) menyoal berkenaan perbezaan laporan Bendahari Kehormat mengenai yuran tertunggak sebanyak RM516,065 berbanding laporan Timbalan Yang DiPertua sebanyak RM216,000.

Bendahari Kehormat memaklumkan bahawa yuran yang dijangka daripada ahli-ahli yang aktif berjumlah RM3,388,097 dan yuran yang telah diterima berjumlah RM2,872,032. Ini mengakibatkan jumlah tertunggak sebanyak RM516,065. Beliau juga menambah bahawa yuran yang sepatutnya diterima pada tahun 2016 berjumlah RM3,440,942 dan yuran tertunggak adalah berjumlah RM341,989. Beliau menjemput ahli-ahli yang hadir supaya merujuk kepada Nota 7 dalam laporan kewangan.

- 5.7.4 Y.Bhg. Academician Dato' Ir. Chuah Hean Teik (Hon.F09157) bersetuju dengan penjelasan Dato' Paduka Hj. Ir. Prof. (Dr) Keizrul Abdullah bahawa jika pelupusan hartanah cawangan Pulau Pinang tidak diambil kira, maka jumlah lebih hanyalah beberapa ratus ribu ringgit. Beliau juga mengingatkan MAT bahawa tujuan pembelian Wisma IEM untuk adalah menyediakan lebih banyak ruang untuk aktiviti bagi manfaat bersama para ahli.

Oleh itu, beliau mencadangkan Majlis supaya mempertimbangkan dengan lebih serius untuk menyediakan lebih banyak ruang untuk aktiviti ahli seperti pusat kesihatan dan kecergasan untuk manfaat para ahli. Walaubagaimanapun, beliau menegaskan bahawa keadaan kewangan IEM adalah stabil dan mampan.

Yang DiPertua mengucapkan terima kasih kepada Y.Bhg. Academician Dato' Ir. Chuah Hean Teik (Hon.F09157) di atas komen dan cadangan beliau.

Ir. Dr Ahmad Anuar bin Othman (F13148) memaklumkan bahawa pendapatan dari yuran keahlian merangkumi 51% daripada jumlah pendapatan. Beliau mengatakan bahawa beberapa tahun yang lepas, IEM ada memberi token kepada ahli semasa mereka membayar yuran. Beliau menyarankan supaya IEM dapat mempertimbangkan alternatif ini.

- 5.7.5 Disebabkan tiada lagi persoalan, Ir. Gunasagaran a/l Kristnan (M08216) mencadangkan penerimaan laporan kewangan bagi IEM untuk tahun berakhir 31 Disember 2017. Usul tersebut disokong oleh Y.Bhg. Dato' Ir. Pang Leong Hoon (Hon.F00015). MAT kemudiannya menerima laporan kewangan tersebut.

6.0 LAPORAN KEWANGAN DANA PENDIDIKAN – 31 DISEMBER 2017

- 6.1 Bendahari Kehormat seterusnya membentangkan laporan kewangan untuk Dana Pendidikan bagi tahun berakhir 31 Disember 2017 dari mukasurat 222 hingga mukasurat 232.

- 6.2 MAT dimaklumkan bahawa derma yang telah diterima berjumlah RM227,036 bagi tahun 2017 berbanding RM127,881 pada tahun 2016. Faedah Simpanan Tetap adalah berjumlah RM38,132 berbanding RM37,433 pada tahun 2016.

Dari segi perbelanjaan, Bendahari Kehormat melaporkan bahawa biasiswa yang telah diberikan pada tahun 2017 adalah berjumlah RM29,500. Beliau juga melaporkan bahawa perbelanjaan untuk ceramah adalah berjumlah RM6,225; Persidangan Antarabangsa RM49,406 dan subsidi Bahagian Siswa RM5,500 dan perbelanjaan lain berjumlah RM2,414.

Beliau memaklumkan MAT bahawa siswa-siswa yang menerima biasiswa En Koon Yew Yin telah menamatkan pengajian mereka pada tahun 2017. En Koon Yew Yin telah menderma RM100,000 untuk biasiswa tersebut pada akhir tahun 2017. Pengumuman untuk biasiswa ini akan dibuat pada tahun 2018.

Bendahari Kehormat juga melaporkan bahawa lebih keseluruhan bagi tahun 2017 berjumlah RM178,633 berbanding defisit RM233,168 dalam tahun 2016. MAT mengambil maklum bahawa jumlah penajaan dan biasiswa yang diberi pada tahun 2017 berjumlah RM97,365 dan ini mematuhi keperluan Lembaga Hasil Dalam Negeri di mana sebanyak 50% daripada pendapatan tahun lepas perlu dibelanjakan.

Bendahari Kehormat melaporkan bahawa jumlah pendapatan pada tahun 2016 adalah RM166,233 dan perbelanjaan perlu mencapai 50% iaitu RM83,116.

- 6.3 Y.Bhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) menyoal samada IEM mempunyai program untuk menggalakkan penderma kepada Dana Pendidikan. Beliau mendapati selain daripada derma dari En Koon Yew Yin, dana tersebut tidak menunjukkan apa-apa perbezaan pendapatan. Yang DiPertua menjelaskan bahawa IEM telahpun membuat keputusan untuk menamakan biasiswa yang didermakan oleh para ahli di atas nama penderma masing-masing. Para Bekas Yang DiPertua juga digalakkan menderma untuk tujuan ini.

- 6.4 Memandangkan tiada lagi sebarang soalan dari ahli yang hadir, Ir. Sreedaran a/l A. Raman (M38681) mencadangkan penerimaan laporan kewangan Dana Pendidikan bagi tahun berakhir 31 Disember 2017. Usul tersebut disokong oleh Ir. Chuah Joon Huang (M57551) dan MAT seterusnya menerima laporan kewangan Dana Pendidikan.

7.0 PERBINCANGAN ISU BERTULIS DARIPADA AHLI YANG MENYERAHKAN NOTIS BERTULIS

Yang DiPertua memaklumkan bahawa IEM tidak menerima sebarang isu bertulis untuk dibentangkan.

8.0 PENGUMUMAN PEMILIHAN KEPUTUSAN MAJLIS 2018/2019 SESI

Yang DiPertua menjemput Pegawai Pemilihan, Y.Bhg. Dato' Ir. Pang Leong Hoon mengumumkan keputusan bagi sesi 2018/2019.



8.1 Yang DiPertua

Y.Bhg. Dato' Ir. Pang Leong Hoon memaklumkan kepada MAT bahawa mengikut Seksyen 5.2 daripada Undang-Undang Kecil IEM, Ir. David Lai Kong Phooi, merupakan bakal Yang DiPertua yang terpilih akan mengambalih jawatan Yang DiPertua bagi sesi 2018/2019 dengan tamatnya tempoh jawatan Ir. Dr Tan Yean Chin.

8.2 Timbalan Yang DiPertua

MAT dimaklumkan bahawa calon yang berjaya dalam pemilihan jawatan Timbalan Yang DiPertua bagi sesi 2018/2019 adalah Ir. Ong Ching Loon.

8.3 Naib Yang DiPertua, Setiausaha Kehormat, Bendahari Kehormat dan lain-lain

YBhg. Dato' Ir. Pang Leong Hoon kemudiannya mengumumkan keputusan pencalonan dan pemilihan seperti berikut.

8.3.1 Jawatan Ahli Majlis – Wakil Kimia (Satu (1) kekosongan untuk 3 sesi - 2018/2019, 2019/2020, 2020/2021)

MAT dimaklumkan bahawa tiada pencalonan yang diterima untuk jawatan ini. Oleh itu, Majlis dalam mesyuarat yang ke 410 pada 15 Januari 2018 telah memutuskan untuk mencalonkan Ir. Prof. Dr Lee Tin Sin sebagai calon untuk jawatan ini. Oleh itu, Ir. Prof. Dr Lee Tin Sin dilantik tanpa bertanding untuk jawatan Ahli Majlis – Wakil Kimia bagi sesi 2018/2019, 2019/2020, 2020/2021.

8.4 YBhg. Dato' Ir. Pang Leong Hoon seterusnya memaklumkan MAT tentang jawatan-jawatan lain yang dipertandingkan:

- *Naib Yang DiPertua*
- *Setiausaha Kehormat*
- *Bendahari Kehormat*
- *Ahli Majlis – Wakil Biasa*

8.4.1 Jawatan Naib Yang DiPertua (Tiga (3) kekosongan untuk dua sesi 2018/2019 dan 2019/2020)

MAT dimaklumkan bahawa tindakan telah diambil untuk mengeluarkan kertas undi kepada para ahli untuk jawatan-jawatan yang dipertandingkan iaitu Naib Yang DiPertua, Setiausaha Kehormat, Bendahari Kehormat dan Ahli Majlis – Wakil Biasa. Sebanyak 10,580 kertas undi telah dihantar kepada semua Ahli Korporat yang layak mengundi. 1,706 kertas undi telah diterima bila Kotak Undi dibuka pada 7 April 2018.

YBhg. Dato' Ir. Pang Leong Hoon memaklumkan kepada MAT bahawa terdapat enam orang calon untuk tiga kekosongan. Tiga orang calon yang berjaya dilantik ke jawatan Naib Yang DiPertua untuk sesi 2018/2019 dan 2019/2020 adalah:

- i) *Ir. Prof. Dr. Norlida bt Bunyamin*
- ii) *Ir. Prof. Dr Jeffrey Chiang Choong Luin*
- iii) *Ir. PE Chong*

8.5 Jawatan Setiausaha Kehormat (Satu (1) kekosongan bagi sesi 2018/2019)

Dua pencalonan telah diterima untuk satu kekosongan. Calon Ir. Mohd Khir bin Muhammad telah menerima bilangan undi yang lebih tinggi dan dengan itu dilantik ke jawatan Setiausaha Kehormat bagi sesi 2018/2019.

8.6 Jawatan Bendahari Kehormat (Satu (1) kekosongan bagi sesi 2018/2019)

Tiga pencalonan telah diterima dan calon, Ir. Dr. Tan Chee Fai yang menerima undi yang lebih tinggi dilantik ke jawatan Bendahari Kehormat bagi sesi 2018/2019.

8.7 Jawatan Ahli Majlis – Wakil Biasa (Sepuluh (10) kekosongan bagi 3 sesi - 2018/2019, 2019/2020, 2020/2021)

YBhg. Dato' Ir. Pang Leong Hoon seterusnya melaporkan bahawa terdapat dua puluh satu (21) pencalonan yang diterima dan sepuluh (10) orang calon berikut yang menerima undi tertinggi telah dilantik ke jawatan Ahli Majlis – Wakil Biasa bagi tiga sesi iaitu 2018/2019, 2019/2020, 2020/2021):

1. *Ir. Prof. Dr Norlida bt Bunyamin*
2. *Dato' Ir. Nor Hisham bin Mohd Ghazali*
3. *Ir. Ellias bin Saidin*
4. *Ir. Dr Jeyanthi Ramasamy*
5. *Ir. Dr Wang Hong Kok*
6. *Ir. Prof Dr Jeffrey Chiang Choong Luin*
7. *Ir. Dr Tan Chee Fai*
8. *Ir. Yam Teong Sian*
9. *Dato' Ir. Fakharazi bin Wahijan*
10. *Ir. Yasotha Ramachandran Chetty*



- 8.8 MAT juga dimaklumkan bahawa proses pemilihan telah mengambil masa tiga bulan dengan jumlah perbelanjaan iaitu RM28,157.11 (dokumen pemilihan dan pos) dan jumlah ini tidak termasuk kos urusetia IEM.
- 8.9 MAT juga dimaklumkan bahawa 10,580 kertas undi telah dihantar. Lebih kurang 84% daripada ahli yang layak mengundi tidak mengembalikan kertas undi mereka untuk merekod undi untuk calon yang akan mewakili kepentingan mereka dalam Majlis IEM.
- 8.10 YBhg. Dato' Ir. Pang Leong Hoon mengucapkan penghargaan kepada pengawas pemilihan, Ir. Prof. Dr Zainal Abidin bin Ahmad, Ir. Prof. Dr Siti Hawa Hamzah, Ir. Hj. Mohd Ali Yusof, Ir. S. Kukanesan dan Ir. Ong Ching Loon diatas bantuan yang tidak terhingga serta sokongan mereka dan juga ucapan terima kasih kepada Urusetia di atas kerjasama sepenuhnya dari mereka.

Yang DiPertua mengucapkan terima kasih kepada YBhg. Dato' Ir. Pang Leong Hoon diatas penerangan beliau, pengawas pemilihan dan Sekretariat IEM atas bantuan dan sokongan mereka.

9.0 PENYAMPAIAN ANUGERAH

Pengarah Eksekutif, Ir. Cheang Kok Meng kemudian menjemput Yang DiPertua untuk menyampaikan anugerah berikut:

9.1 Anugerah Kertas Teknikal IEM untuk Ahli Korporat - Kategori – Disiplin Awam (untuk dua pemenang) – Hadiah Tan Sri Ir. Hj. Yusoff

- (i) Anugerah tersebut disampaikan kepada Dato' Ir. Paul Ha Tiing Tai untuk kertas beliau berjudul "*Positioning to Undertake Underground Works Contract – a Malaysian Experience*"
- (ii) Penerima anugerah seorang lagi adalah Ir. Dr Dominic Ong Ek Leong untuk kertas beliau berjudul "*Severe Damage of a Pile Group Due to Pile Group to Slope Failure*". Namun Ir. Dr Dominic Ong Ek tidak dapat hadir untuk menerima anugerah tersebut.

9.2. Projek Tahun Akhir Terbaik Tan Sri Hj. Yusoff Ibrahim

MAT dimaklumkan bahawa IEM telah memperkenalkan Hadiah bagi Projek Tahun Akhir yang Terbaik Tan Sri Hj. Yusoff Ibrahim pada tahun 2017.

MAT dimaklumkan bahawa jempunan telah dihantar kepada 37 universiti yang diiktiraf dan sebanyak 24 pencalonan diterima. Pemenang Keseluruhan akan menerima hadiah wang tunai RM1,000, piala dan sijil. Pemenang tahun 2017 adalah Sdr. Yap Kian Kun, siswa Kejuruteraan Mekanik dari Malaysia – Japan International Institute of Technology (MJIT), Universiti Teknologi Malaysia (UTM) dengan projek bertajuk "*Influence of Adsorbed Water on Adhesive Wear*".

Tiga (3) pemenang hadiah khas dalam disiplin kejuruteraan lain tidak dapat hadir untuk menerima hadiah. Hadiah-hadiah akan dihantar kepada mereka yang dinyatakan di bawah:

- (i) Sdr Zech Chan Sze Zher dari Universiti Tunku Abdul Rahman (UTAR) dengan projek bertajuk "*Skin-Alike Soft Sensing Wearable Device*"
- (ii) Sdr Foo Swee Wen dari Universiti Malaysia Sarawak (UNIMAS) dengan projek bertajuk "*3D Modelling Using Solidworks: Wall Mounted Rainwater Tank from Stormwater Detention in Commercial Areas*"
- (iii) Sdri Nur Fatin Ajeera binti Mohd Isa dari Universiti Kebangsaan Malaysia (UKM) dengan projek bertajuk "*Proses Penulenan Asid Suksinik dari Medium Sintetik dan Campuran Kaldu Fermentasi melalui Kaedah Penghabluran*"

9.3 Penyampaian Sijil kepada Felo IEM

Pengarah Eksekutif kemudian meneruskan untuk memberi penghormatan kepada Ahli-ahli IEM yang telah dipindahkan ke gred Felo bagi sesi 2017/2018. Tiga belas (13) orang Ahli telag berjaya dalam pemindahan tersebut. Namun hanya lima (5) orang yang hadir untuk menerima sijil dan pin Felo seperti berikut:

1. Ir. Dr Shahrudin bin Muslimin
2. Ir. Kim Kek Seong
3. Dato' Seri Ir. Dr Liew Mun Hon
4. Ir. Peter Han Seng Kong
5. Ir. Mohd Radzi bin Salleh

9.4 Penyampaian Anugerah Jurutera Wanita

Ir. Prof Dr Leong Wai Yie telah menerima Anugerah Jurutera Wanita tahun 2018. Beliau adalah ahli Jawatankuasa Kerja dan Majlis IEM.



10.0 PENYAMPAIAN CENDERAMATA KEPADA AHLI MAJLIS YANG BERSARA

10.1 Yang DiPertua seterusnya menyampaikan tanda penghargaan kepada Ahli-ahli Majlis yang bersara dari jawatan bagi sesi 2017/2018:

1. Ir. Yap Soon Hoe
2. YBhg Dato' Ir. Hanapi bin Mohamad Noor
3. Ir. Dr Ahmad Anuar bin Othman
4. Ir. Ng Yong Kong
5. Ir. Tejinder Singh
6. Ir. Sreedaran a/l Raman
7. Ir. Ishak bin Abdul Rahman
8. Ir. Paul Chiew Lik Ing - diwakili oleh Ir. Dr Lau Hieng Ho
9. YBhg. Dato' Ir. Yahiya Awang Kahar - diwakili oleh Ir. James Yong Hon Min

10.2 MAT dimaklumkan bahawa berikut adalah senarai Majlis yang akan bersara tetapi tidak dapat menghadiri diri untuk penerimaan cenderahati. Cenderahati tersebut akan di hantar kepada mereka.

1. Ir. Prof. Dr Thomas Choong Shean Yaw
2. Ir. Assoc. Prof. Dr Jimmy Mok Vee Hoong
3. Ir. Roger Wong Chin Weng
4. YBhg. Dato' Ir. Low Keng Kok
5. Ir. Mohamad Zaim bin Abd Hamid

Yang DiPertua juga menyampaikan sijil penghargaan kepada ahli-ahli Majlis berikut yang telah melengkapkan satu sesi dan akan meneruskan perkhidmatan mereka ke sesi lain dalam kedudukan yang berbeza:

1. Ir. Elias bin Saidin
2. Ir. Dr Wang Hong Kok
3. Ir. Mohd Khir bin Muhammad
4. Ir. PE Chong

11.0 PENYERAHAN RANTAI JAWATAN

Pengarah Eksekutif kemudian menjemput Yang DiPertua yang baru dipilih, Ir. David Lai Kong Phooi ke pentas untuk menerima penyerahan rantai jawatan dari Ir. Dr Tan Yean Chin. Ir. David Lai juga menyampaikan cenderahati kepada Ir. Dr Tan.

Ahli Majlis yang baru dilantik kemudiannya dijemput untuk mengambil tempat duduk mereka di podium dan pada masa yang sama Pengarah Eksekutif mengucapkan terima kasih kepada Ahli-ahli Majlis yang bersara atas sumbangan dan sokongan mereka pada sesi yang lalu.

12.0 BEKAS YANG DIPERTUA YANG DIPILIH OLEH MAJLIS UNTUK BERKHIDMAT DALAM MAJLIS

12.1 Yang DiPertua yang baru memaklumkan MAT bahawa Majlis telah menjemput lima (5) Bekas Yang DiPertua dan mereka telah menerima jemputan tersebut:

1. Y.Bhg. Academician Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee Laidin
2. Y.Bhg. Dato' Ir. Dr. Gue See Sew
3. Y.Bhg. Datuk Paduka Ir. (Dr.) Hj Keizrul bin Abdullah
4. Y.Bhg Academician Dato' Ir. Prof. Dr. Chuah Hean Teik
5. Mr. Choo Kok Beng

13.0 PEMILIHAN JURUAUDIT DALAMAN KEHORMAT

13.1 Seterusnya Yang DiPertua menjemput pencalonan untuk jawatan Juruaudit Dalamam Kehormat. MAT memutuskan untuk meneruskan lantikan Ir. Awangku Hidup Bin Awangku Hosain (M03053) dengan cadangan oleh Ir. Elias bin Saidin (F10100) dan disokong oleh Ir. Yong Kee Chiang (F01922). Di atas cadangan oleh Ir. Yam Teong Sian (F05613) yang disokong oleh Ir. Vincent Chen Kim Kieong (Hon.F05128), MAT juga bersetuju meneruskan perlantikan Ir. Tiong Ngo Pu (M07252) sebagai Juruaudit Dalam Kehormat.

14.0 PEMILIHAN JURUAUDIT LUAR BERTAULIAH

14.1 Yang DiPertua memaklumkan kepada MAT bahawa Majlis, dalam mesyuaratnya yang akhir bersetuju untuk meneruskan perlantikan PKF Malaysia sebagai juruaudit bertauliah bagi sesi 2018/2019. MAT menerima cadangan perlantikan tersebut.

15.0 HAL-HAL LAIN (AOB)

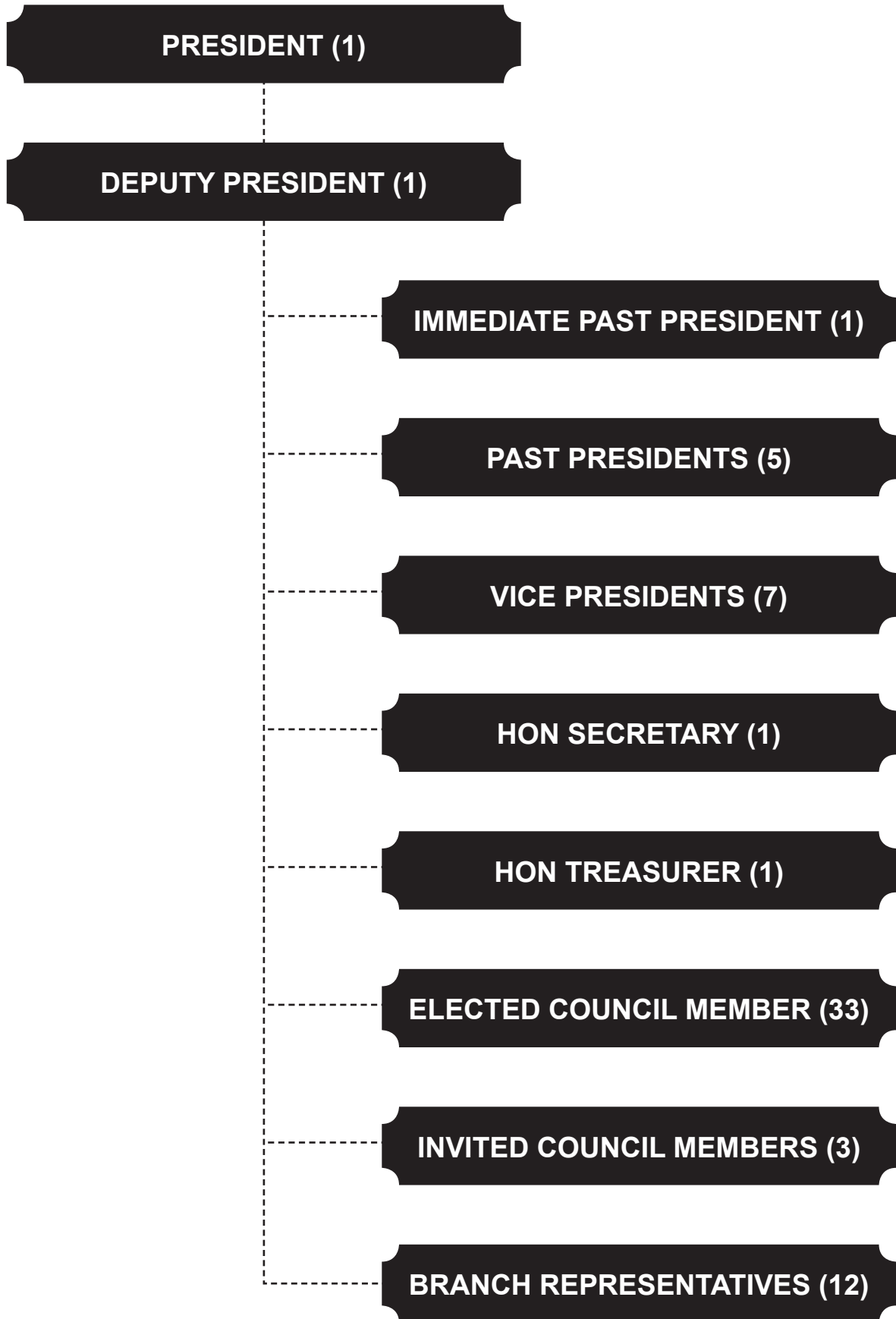
Yang DiPertua kemudiannya menjemput para hadirin MAT untuk mengemukakan isu-isu yang ingin dibincangkan.



- 15.1 Ir. Sivalingam a/l Velupillai (F09546) memberitahu MAT bahawa beliau pernah menghadiri aktiviti-aktiviti IEM pada tahun-tahun 1990an dan awal tahun 2000. Beliau tidak bergiat dalam IEM sehingga tahun 2017. Beliau telah mendapati bahawa prestasi urusetia telah meningkat dan beliau ingin mengucapkan tahniah kepada kakitangan pengurusan yang terlibat dalam merekrut ahli-ahli urusetia di atas prestasi yang baik. Yang DiPertua mengucapkan terima kasih kepada Ir. Siva kerana komen beliau amatlah dihargai dan akan memberi semangat kepada urusetia IEM.
- 15.2 Dr Siow Chun Lim (M79391) menyoal tentang visi IEM untuk mencapai tahap "*premier professional organisation pivotal to Malaysia achieving 2020*". Beliau ingin tahu apakah visi IEM selepas tahun 2020 yang akan menjelang beberapa tahun lagi. Yang DiPertua memaklumkan bahawa IEM akan melanjutkan visi tersebut sehingga 2050 sepertimana yang akan dibentangkan dalam Ucapan Yang DiPertua seterusnya.
- 15.3 Ir. Lau Win Sang (M04323), bekas Pengerusi cawangan Perak memohon senarai ahli-ahli yang mempunyai yuran tertunggak dihantar kepada cawangan supaya mereka dapat membantu dalam menggalakkan ahli-ahli cawangan supaya membayar yuran tahunan mereka. Yang DiPertua mengucapkan penghargaan kepada Ir. Lau Wing Sang di atas cadangan beliau dan bantuan kesemua cawangan dalam usaha mengutip yuran tertunggak.
- 15.4 Ir. Lim Kim Ten (M24468) memberi komen berkenaan perwakilan IEM ke badan-badan luar terutamanya mereka yang berkhidmat dalam jawatankuasa teknikal. Beliau berharap IEM dapat menyediakan garis panduan untuk memastikan mereka yang mewakili IEM dalam mesyuarat-mesyuarat di luar IEM mempunyai pengetahuan yang sewajarnya dalam bidang-bidang yang diwakili. Yang DiPertua memaklumkan bahawa Jawatankuasa Hal-hal Korporat sedang dalam proses menyediakan garis panduan tersebut.
- 15.5 Ir. Jayaseelan Nadarajah (F14445) memberi komen bahawa taraf Bahasa Inggeris dalam risalah-risalah dan majalah IEM perlu dibaiki dari segi tatabahasa dan ejaan di mana beliau mendapati terdapat banyak kesilapan. Beliau mencadangkan supaya Lembaga Editorial IEM menjalankan semakan yang teliti demi menjaga imej IEM terutamanya majalah IEM kerana majalah tersebut juga dihantar kepada institusi antarabangsa ICE, IMechE, IET dan sebagainya. Yang DiPertua mengucapkan terima kasih kepada Ir. Jayaseelan di atas komen beliau dan memberi jaminan bahawa jawatankuasa yang berkenaan akan mengambil tindakan untuk penambahbaikan.
- 15.6 Ir. Dr Jeyanthi Ramasamy (M29131) menyuarakan pendapat beliau bahawa bilangan siswa wanita dalam institusi pengajian tinggi telah melebihi siswa lelaki. Namun dalam IEM, beliau mendapati bilangan ahli lelaki melebihi ahli wanita. Beliau selanjutnya mengingatkan agenda kebangsaan memerlukan penglibatan sekurang-kurangnya 30% wanita dalam organisasi atau tenaga kerja. Tetapi dalam Majlis IEM, hanya terdapat 3 orang jurutera wanita. Beliau menyuarakan pendapat beliau bahawa terdapat ramai lagi jurutera wanita yang berbakat yang boleh dijemput untuk berkhidmat. Yang DiPertua mengucapkan terima kasih kepada Ir. Jeyanthi dan memaklumkan bahawa isu ini juga akan disentuh dalam Ucapan Yang DiPertuanya nanti. Namun, beliau berpendapat bahawa dengan adanya tiga orang jurutera wanita dalam Majlis IEM juga merupakan satu pencapaian bagi IEM.
- 15.7 Ir. Simon Yeong Chin Chow (18660) memohon maklumat berkenaan kadar kelulusan untuk PCE (Peperiksaan Kompetensi Profesional) yang dikendalikan oleh LJM. Yang DiPertua memaklumkan bahawa kadar kelulusan adalah 6% pada sesi peperiksaan pertama dan 18% dalam sesi kedua.
- Ir. Lee Boon Chong (F08092) juga menjelaskan bahawa ramai daripada mereka dalam sesi kedua adalah mereka yang menduduki peperiksaan untuk kali kedua. Setakat ini dalam 200 orang calon telah menduduki peperiksaan tersebut dan ini merupakan satu kemajuan.
- 15.8 Ir. Mohd Radzi bin Salleh (F20112) memohon maklumat samada ciri-ciri keselamatan lokasi di Wisma IEM telah diambil kira kerana ini akan merupakan perkara utama yang akan menarik bakal penyewa. Yang DiPertua memaklumkan bahawa satu kajian kebakaran dan laporan audit telah dibuat dan proses menyemak kemudahan perpaipan dan pendawaian elektrik kini masih dalam proses.
- 16.0 UCAPAN YANG DIPERTUA UNTUK SESI 2018/2019**
- 16.1 Pengarah Eksekutif kemudian menjemput Yang DiPertua untuk membentangkan Ucapan Yang DiPertua tahun 2018 berjudul "*Are We Quintessential Engineers?*"
- 17.0 PENANGGUHAN MESYUARAT AGUNG TAHUNAN KE-59 TAHUN 2018**
- 17.1 Yang DiPertua mengisytiharkan Mesyuarat Agung Tahunan ke 59 ditangguhkan pada pukul 12:00 tengah-hari dan mengucapkan terima kasih di atas kehadiran ahli-ahli yang menunjukkan komitmen yang tinggi terhadap IEM secara keseluruhannya. Yang DiPertua kemudian mengingatkan ahli-ahli bahawa Majlis Makan Malam Tahunan akan diadakan di Sunway Resort Hotel and Spa pada malam itu.

Ir. David Lai Kong Phooi
Yang Di Pertua

Ir. Mohd Khir bin Muhammad
Setiausaha Kehormat





First Row (Seated) (L to R)

Ir. Mohd Khir bin Muhammad (Honorary Secretary), Ir. Lee Boon Chong (Vice President), Ir. Lai Sze Ching (Vice President), Ir. Prof. Dr Ruslan Hassan (Vice President), Ir. Choo Kok Beng (Past President), Y.Bhg. Dato' Ir. Dr. Gue See Sew (Past President), Ir. Ong Ching Loon (Deputy President), Ir. David Lai Kong Phooi (President), Ir. Tan Yeap Chin (Immediate Past President), Y.Bhg. Academician Tan Sri Ir. (Dr.) Hj Ahmad Zaided bin Laidin (Past President), Y.Bhg. Academician Dato' Ir. Prof. Dr Chuah Hean Teik (Past President), Ir. Prof. Dr Norlida bt. Buniyamin (Vice President), Ir. Prof. Dr. Jeffrey Chiang Choong Luin (Vice President), Ir. Gopal Narian Kutty (Vice President), Ir. Elias bin Saidin (Vice President), Ir. Dr Tan Chee Fai (Hon Treasurer)

Second Row (L to R)

Ir. Dr Tan Kuang Leong, Ir. Yam Teong Sian, Ir. James Yong Hon Min (Chairman, Sabah Branch), Ir. Meor Shamshir Bin Meor Zul-Keiffi auni (Representative from Kelantan Branch), Ir. Dr. David Chuah Joon Huang (Representative for ICT and Multimedia), Ir. Dr Ng Soon Ching (Structural Representative), Ir. Chen Harm Shean, Ir. Dr Lee Yun Fook (Civil Representative), Ir. Mah Way Sheng, Ir. Teo Ki Yuee (Chairman, Southern Branch), Y.Bhg. Dato' Ir. Foong Choy Chye, Ir. Lim Kim Ten (Electrical Representative), Ir. Assoc Prof Dr Ahmad Kamil bin Arshad

Third Row (L to R)

Ir. Ting Chek Choon (Chairman, Penang Branch), Ir. Yau Chau Fong, Ir. Roznan bin Abdul Rashid (Representative of Other Disciplines), Ir. Sreedaran a/l Raman, Ir. Razmahwata bin Mohamad Razali, Ir. Dr Lee Tin Sin (Chemical Representative), Ir. Abdul Razak bin Yakob, Ir. Wong Chee Fui, Y. Bhg. Dato' Ir. Fakhrazi bin Wahijan, Ir. Yasotha Ramachandran Chetty, Ir. Dr Oh Seong Por (Chairman, Negeri Sembilan Branch)

Fourth Row (L to R)

Sdr Cheah Khai Chun (YES Representative), Mr Ong Chong Yong (YES Representative), Mr Yew Weng Kean (YES Chairman), Ir. Fam Yew Hin (Mechanical Representative), Ir. Prof Dr Lau Hieng Ho (Chairman, Miri Branch), Ir. Abdul Razak bin Ali (Chairman, Perak Branch), Ir. Salimi bin Md Saleh, Ir. Mohd Aman bin Hj Idris

Not in Picture

Y.Bhg. Dato' Ir. Lim Chow Hock (Past President), Y.Bhg. Dato' Paduka Ir. Hj Keizrul bin Abdullah (Past President), Ir. Vincent Wong Khien Ngie, Y.Bhg. Lt. Jen. Dato' Wira Ir. Ismail bin Samion (Ret. RMAF), Y.Bhg. Dato' Ir. Hj. Anuar bin Yahya, Y.Bhg. Dato' Ir. Shahruddin Mohd Simin (Chairman, Pahang Branch), Ir. Abriza bin Abd Kadir (Chairman, Kedah-Perlis Branch), Ir. Ateemin Sulong (Representative from Terengganu Branch), Ir. Prof. Dr Leong Wai Yie, Y.Bhg. Dato' Ir. Kisasi bin Rahmat, Ir. Haidel Heji (Chairman, Sarawak Branch), Y. Bhg. Dato' Ir. Nor Hisham Mohd Ghazali, Ir. Dr Jayanthi Ramasamy, Ir. Dr Wang Hong Kok, Ir. Mah Siew Kien (WE Chairman), Ir. Mohamad Asari bin Daud, Ir. Dr. Lai Khin Wee, Ir. Steven Toh Chin Kok, Ir. Ng Beng Hooi, Ir. Haji Abdullah bin Othman (Chairman, IEM Kedah-Perlis Branch), Mr Addison Koh (YES Representative), Mr Kuugan Thangarajoo (YES Representative)



First Row (Seated) (L to R)

Ir. Lee Boon Chong (Vice President), Ir. Lai Sze Ching (Vice President), Ir. Prof Dr Norlida binti Buniyamin (Vice President), Ir. Dr Tan Chee Fai (Honorary Treasurer), Ir. Ong Ching Loon (Deputy President), Ir. David Lai Kong Phooi (President), Ir. Mohd Khir bin Muhammad (Honorary Secretary), Ir. Prof. Dr Ruslan bin Hassan (Vice President), Ir. Prof. Dr Jeffrey Chiang Choong Luin (Vice President), Ir. Gopal Narian Kuttly (Vice President), Ir. Elias bin Saidin (Vice President)

Second Row (L to R)

Ir. Gunasagaran Kristnan, Ir. Yau Chau Fong, Ir. Chen Harn Shean, Ir. Dr Lee Yun Fook, Ir. Yam Teong Sian, Ir. Fam Yew Hin

Not in Picture

Ir. Prof Dr Leong Wai Yie, Ir. Dr Jeyanthi Ramasamy

URUSETIA IEM

IEM SECRETARIAT



First Row (Seated) (L to R)

Mr. Loo Weng Soon (Senior Executive), Puan Nik Rosnaha Binti Nik Mustapa (Senior Executive), Ms. Sarita Kaur (Manager), Ms. Janet Lim Kwai Cheng (Chief Operations Officer), Ir. Dr Tan Chee Fai (Honorary Treasurer), Ir. Ong Ching Loon (Deputy President), Ir. David Lai Kong Phooi (President), Ir. Mohd Khir bin Muhammad (Honorary Secretary), Ir. Cheang Kok Meng (Executive Director), Ms. Ooi Beng Ean (General Manager – Special Projects), Cik Shahrl Bahariah bt Sulaiman (Senior Manager), Puan Ainol Azraina binti Ainul Adnan (Manager), Cik Zainun bt Mohamed Rani (Senior Executive)

Second Row (L to R)

Ms Samantha Hee Siaw Shen, Puan Nurul Aida binti Abdul Razak, Puan Nurul Ezzaty binti Hosnan, Ms. Prema a/p Silvarajan, Ms. Parimala a/p Maruthamuthoo, Puan Nurul Aida binti Mustafa, Cik Wan Nur Adlina bt Rasidi, Cik Suriani bt Jali, Cik Noor Afzan bt Che Abd Aziz

Third Row (L to R)

Cik Siti Aisyah binti Saaey, Cik Nur Husna binti Mohd Nazri, Cik Ratnaidayah binti Zaini, Cik Norshafiqah binti Sha'ari, Ms. Wong May Lee, Ms. Roselein a/p Lodo Samy, Puan Halimah binti Musa, Puan Nur Amalienna bt Zamri, Cik Nur Amira bt Mohidin

Fourth Row (L to R)

En. Aklanie Mahzan bin Mat Zin, En. Izharuddin Alradzi bin Mohamad Hairani, En. Baharuddin bin Mohamad Suhaimin, En. Abdullah bin Anda

Not In Picture

Puan Norimah binti Md. Hashim, Ms Valli P. Saminathan, Cik Mirdeeliani Binti Amir, Cik Farezah binti Junaidi, Puan Ruhaida binti Daud, En. Azizi bin Ajik, Puan Norhuzaimah binti Hamazin, En Adam Sofri bin Muhd Sharum, Ms Mandy Leong, Ms Karen Ng Shiao Yin, Puan Suhana bt Omar, Puan Rahanum binti Mohamad, Puan Salmee binti Ahmad Zathu, Puan Hilwani binti Mansor, Puan Natasha Afzan binti Ahmad Kamal







MEMBERS OF THE INSTITUTION

THE COUNCIL

THE EXECUTIVE COMMITTEE

- IEM Awards Committee
- Special Committee on Amendments to IEM Constitution and Bylaws

- IEM Presidential Committee
- IEM Position Paper Coordinating Committee
- Representation to BEM

- IEM Education Fund Management Board
- ISO Management Review Committee

Standing Committee on FINANCE

- All Financial Matters
- Infrastructure Matters
- Human Resources Matters
- Education Fund
- Benevolent Fund
- Investment
- ICT Infrastructure
- Memberships & Subscriptions
- Building Fund Raising
- Renovation of IEM Buildings

Standing Committee on PRACTICAL TRAINING AND ADMISSIONS

- Membership Drive and Promotion
- Fellow Admission
- Admissions/ Transfer/ Elections
- Membership
- Application Board
- Log Book Scheme
- Continuing Professional Development
- Structured Training
- ASEAN Engineering Register (Admissions & Registrations)
- IPE/ APEC (Admissions & Registrations)

Standing Committee on EXAMINATIONS AND QUALIFICATIONS

- Professional Interview
- Liaison with BEM
- IEM/ BEM Graduate Examinations
- Board of Examiners
- Accreditation Board
- EAC Representation

Standing Committee on INFORMATION AND PUBLICATIONS

- Jurutera / Journal
- Editorial Board
- Library
- Other Publications/ Proceedings IEM
- IEM Directory
- Homepage/ Website
- Readership Survey
- IEM Book Project
- Historical

Standing Committee on ACTIVITIES

- Annual Dinner
- Golf Competition
- Seminars/ Conferences
- Technical Courses
- Social/ Sports
- Talks/ Lectures/ Visits
- IEM Souvenirs
- Co-ordination of Technical Division's Activities
- Co-ordination of Branches' Activities

Standing Committee on WELFARE & SERVICE MATTERS

- Engineering Week
- Jurutera Wargamas
- Insurance and Affinity Programme
- Members Welfare and Benefits
- Employment Survey
- Health and Exercise
- Social and Fellowship
- Benevolent Fund Matters
- Family Day
- Advertisement

Standing Committee on PROFESSIONAL PRACTICE

- Conditions of Contract
- Uniform Building Bylaws
- Fire Advisory Board
- Nomination/ Appointment of Arbitrators
- Dispute Resolution Matters
- Representatives to Outside Bodies
- Screening Complaints on Engineering Matters
- Review of the Engineers Act
- Investigation on Professional Conduct
- ASEAN Alternative Dispute Resolution
- MDR for Engineering and ASEAN
- Disaster Risk Reduction Advisory Board

Standing Committee on CORPORATE AFFAIRS

- Public Relations & Communications
- International Participation
- AFEO Secretariat
- FEIAP Secretariat
- Special Projects
- Press & Publicity
- ASEAN Engineering Register National Monitoring Committee
- IPE/ APEC Register Monitoring Committee
- MOUs
- Overseas Liaison and courtesy visits.
- Representation in WFEO
- AFEO/ AER
- FEIIC
- CEC
- APEC/ IEMF
- FEIAP
- APCCChE

WOMEN ENGINEERS SECTION

- Graduate Activities
- Student Section
- IEM/ IES Meet
- Engineering Games
- Various Activities
- Student Liaison

YOUNG ENGINEERS SECTION

- Information + Communications Technology
- Consulting Engineering
- Seniors
- Public Sector Engineers
- Urban Engineering Development

SPECIAL INTEREST GROUPS

- Geotechnical
- Civil & Structural
- Chemical
- Mechanical
- Electrical
- Building Services
- Water Resources
- Oil, Gas & Mining
- Marine & Naval Architecture

TECHNICAL DIVISIONS

- Environmental
- Highway & Transportation
- Engineering Education
- Agricultural & Food
- Tunnelling & Underground Space
- Project Management
- Electronic

IEM BRANCHES

- Penang
- Southern
- Sabah
- Sarawak
- Kelantan
- Perak
- Melaka
- Negeri Sembilan
- Miri
- Kedah/ Perlis
- Terengganu
- Pahang



1 INTRODUCTION

1.1 It is with great pleasure that I present to you the 60th Annual Report for session 2018/2019 covering the period 1 April 2018 until 31 March 2019.

2 MEMBERSHIP

2.1 The membership of the Institution as at 1 March 2019 now stands at 48,612.

Comparative figures of the last five years are as follows:

Grade	2015	2016	2017	2018	2019
Distinguished Hon. Fellow	2	2	2	2	2
Hon. Fellow	30	28	28	28	28
Fellow	715	714	736	731	739
D. Member	1	1	1	1	1
Hon. Member	7	7	8	8	7
Senior Member	20	17	31	35	39
Member	9,370	9,501	10,119	10,230	11,048
Companion	85	179	222	240	281
Graduate	10,522	9,430	10,385	9,597	9,303
Incorporated	51	60	82	98	115
Affiliate	15	18	28	28	27
Associate	22	24	41	39	53
Student	15,349	20,227	20,176	24,629	26,969
Total	36,189	40,193	41,859	45,666	48,612

2.1.1 Membership by Branches:

BRANCH	DHF	HF	F	DM	HM	SM	M	C	G	IM	A	AM	S	TOTAL
Kedah-Perlis Branch	0	0	9	0	0	0	261	9	312	4	1	1	1824	2421
Penang Branch	0	1	24	0	0	1	540	16	480	3	0	3	1309	2377
Perak Branch	0	1	20	0	0	2	439	6	543	12	2	1	2439	3465
Kelantan Branch	0	0	4	0	0	1	122	3	123	2	0	1	1645	1901
Pahang Branch	0	0	6	0	0	1	151	1	231	2	1	2	1310	1705
Terengganu Branch	0	0	5	0	0	0	137	4	173	0	0	2	1286	1607
Sarawak Branch	0	2	34	0	0	2	744	13	690	5	0	3	2506	3999
Miri Branch - Brunei	0	0	14	0	1	0	83	2	143	1	1	2	249	496
Southern Branch – Johor & Singapore	0	0	36	0	1	5	506	18	693	7	3	1	3863	5133
Melaka Branch	0	0	9	0	0	0	196	9	264	3	0	0	989	1470
Negeri Sembilan Branch	0	0	12	0	3	0	300	13	363	11	1	0	1244	1947
Sabah Branch – Sabah & Labuan	0	2	40	0	0	1	542	6	487	3	0	1	1057	2139
IEM HQ – KL & Selangor	1	19	491	1	2	25	6666	181	4726	60	18	36	7193	19419
Others - Oversea	1	3	35	0	0	1	361	0	75	2	0	0	55	533
TOTAL	2	28	739	1	7	39	11048	281	9303	115	27	53	26969	48612



2.2 Breakdown by discipline is as follows :

BRANCH	DHF	HF	F	DM	HM	SM	M	C	G	IM	A	AM	S	TOTAL
AERONAUTICAL	0	1	1	0	0	0	15	2	19	1	0	0	47	86
AEROSPACE	0	0	0	0	0	0	8	0	19	0	0	0	23	50
AGRICULTURAL	0	0	3	0	0	0	30	2	32	1	0	0	29	97
ARCHITECTURAL	0	0	0	0	0	0	1	0	2	0	0	0	0	3
AUTOMOTIVE	0	0	0	0	0	0	2	0	4	0	0	1	20	27
BIOCHEMICAL	0	0	0	0	0	0	0	0	10	0	0	0	18	28
BIOENGINEERING	0	0	0	0	0	0	0	0	1	0	0	0	1	2
BIOLOGY & AGRICULTURAL	0	0	0	0	0	0	0	0	0	0	0	0	5	5
BIO-MEDICAL	0	0	0	0	0	0	12	1	21	3	0	1	148	186
BIOTECHNOLOGY	0	0	0	0	0	0	0	0	1	0	0	0	1	2
BUILDING	0	0	0	0	0	0	2	0	1	0	1	2	1	7
BUILDING SERVICES	0	0	0	0	0	0	8	0	1	0	0	3	0	12
CAD/CAM	0	0	0	0	0	0	0	0	4	0	0	0	12	16
CHEMICAL	0	0	18	0	0	2	310	17	677	5	2	0	2239	3270
CIVIL	0	10	430	0	0	17	5552	97	3688	22	4	12	6059	15891
CIVIL & STRUCTURAL	0	0	0	0	0	0	0	0	2	0	0	0	4	6
COMMUNICATION	0	0	1	0	0	0	6	0	10	1	0	0	64	82
COMPUTER	0	0	0	0	0	1	7	1	28	0	2	0	83	122
COMPUTER & COMMUNICATION	0	0	0	0	0	0	6	0	2	0	0	0	15	23
COMPUTER SYSTEMS	0	0	0	0	0	0	1	0	0	0	1	1	3	6
CONSTRUCTION	0	0	0	0	0	0	1	0	3	0	0	0	0	4
CONTROL SYSTEM	0	0	0	0	0	0	0	0	1	0	0	0	1	2
ELECTRICAL	1	7	130	1	0	9	2314	28	1540	29	0	8	3828	7895
ELECTRICAL & ELECTRONIC	0	0	0	0	0	0	0	1	1	0	0	0	447	449
ELECTROMECHANICAL	0	0	0	0	0	0	3	0	0	0	0	0	1	4
ELECTRONIC	0	0	9	0	0	1	324	44	624	17	2	8	3781	4810
ELECTRONIC & RADIO	0	0	0	0	0	0	1	0	3	0	0	0	0	4
ENERGY	0	0	0	0	0	0	2	0	1	1	0	0	0	4
ENVIRONMENTAL	0	0	0	0	0	0	13	2	55	0	1	0	107	178
FOOD & PROCESS	0	0	0	0	0	0	2	0	11	0	0	0	0	13
FUEL	0	0	2	0	0	0	0	0	0	0	0	0	0	2
GAS	0	0	0	0	0	0	0	0	0	0	0	0	11	11
GENERAL	0	0	0	0	0	0	0	0	1	0	0	0	0	1
GEOLOGICAL	0	0	0	0	0	0	1	0	1	0	2	0	0	4
GEOTECHNICAL	0	0	1	0	0	0	19	0	3	0	1	0	3	27



HIGHWAY	0	0	0	0	0	0	9	0	0	0	0	0	0	9
HIGHWAY & TRANSPORT	0	0	0	0	0	0	2	0	0	0	0	0	0	2
HYDRAULIC	0	0	0	0	0	0	1	0	0	0	0	0	0	1
INDUSTRIAL	0	0	0	0	0	0	7	3	18	0	0	0	20	48
INFRASTRUCTURE MANAGEMENT	0	0	0	0	0	0	0	0	0	0	0	0	62	62
INFORMATION TECHNOLOGY	0	0	0	0	0	0	0	0	1	0	0	1	0	2
INSTRUMENTATION & CONTROL	0	0	0	0	0	0	69	0	2	1	0	0	0	72
MANUFACTURING	0	0	0	0	0	0	34	4	93	2	0	1	1014	1148
MANUFACTURING SYSTEMS	0	0	0	0	0	0	0	0	3	0	0	0	1	4
MARINE	0	0	0	0	0	0	18	0	9	0	1	2	1	31
MATERIALS	0	0	2	0	0	0	18	2	51	1	2	1	104	181
MECHANICAL	0	4	130	0	0	7	2062	70	2151	17	4	10	7815	12270
MECHANICAL SYSTEM	0	0	0	0	0	0	0	0	2	0	0	0	0	2
MECHANICS	0	0	0	0	0	0	0	0	0	0	0	0	2	2
MECHATRONICS	0	0	0	0	0	0	6	1	108	9	0	1	731	856
METALLURGY	0	0	1	0	0	0	5	0	8	2	0	0	1	17
MICROELECTRONIC	0	0	0	0	0	0	0	0	2	1	0	0	34	37
MINERAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINERAL PROCESSING	0	0	0	0	0	0	1	0	1	0	0	0	0	2
MINERAL RESOURCES	0	0	0	0	0	0	8	0	19	0	1	0	2	30
MINING	0	0	5	0	0	0	22	0	1	1	0	0	0	29
MINING & METALLURGY	0	0	1	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	1
NAVAL ARCHITECTURE	0	0	0	0	0	0	14	2	2	1	0	0	14	33
NUCLEAR	0	0	1	0	0	0	1	0	0	0	0	0	11	13
OTHERS	1	6	0	0	7	0	4	1	1	0	1	0	7	28
PETROLEUM	0	0	0	0	0	2	8	1	32	0	0	0	168	211
POLYMER	0	0	0	0	0	0	1	0	8	0	1	0	3	13
PRODUCTION	0	0	1	0	0	0	9	1	5	0	0	0	1	17
STRUCTURAL	0	0	3	0	0	0	46	0	9	0	0	0	1	59
SYSTEMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TELECOMMUNICATION	0	0	0	0	0	0	32	1	10	0	1	1	23	68
TEXTILE	0	0	0	0	0	0	1	0	0	0	0	0	2	3
TRAFFIC	0	0	0	0	0	0	3	0	0	0	0	0	0	3
TRANSPORT	0	0	0	0	0	0	5	0	0	0	0	0	0	5
WATER RESOURCES	0	0	0	0	0	0	21	0	1	0	0	0	1	23
TOTAL	2	28	739	1	7	39	11048	281	9303	115	27	53	26969	48612



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

Grade	Deceased	Resigned
Hon Fellow	-	-
Fellow	4	-
Member	15	12
Companion	1	-
Graduate	1	38
Student	1	4
Affiliate	-	-
Total	22	54

2.4 To date, 2,617 members are in arrears of subscription for the year 2018. The total arrears in subscription for this particular year alone was recorded at RM372,050.42. The Council would look into deleting their names from the membership register if the arrears were not settled by mid 2019.

2.5 For the session under review, a total of 297 members were reinstated. The details are as follows:

Fellow	-	1
Member	-	86
Graduate	-	205
Incorporated	-	1
Companion	-	4

3 THE COUNCIL AND THE EXECUTIVE COMMITTEE

3.1 Five Council 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, Technical Divisions, 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. Ong Ching Loon 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

Financing of the operating expenditure of the Institution continue to depend largely on the collection of members' annual subscriptions. For the year 2018, income from annual subscriptions stood at approximately 65% of the total income compared to 51% in 2017 and 54% in 2016.

In accordance with the Bylaws, reminders to members on their annual subscription payments were sent out by the Institution. For the year 2018, 89% 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 2018, 2,617 members are in arrears of subscription for 2018 compared to 4,638 in 2017. The total outstanding collection for the year amounted to RM372,050 compared to RM516,065 in 2017. IEM would like to appeal to these members to settle the arrears as soon as possible.

4.2.2 Rental

With the termination of tenancy by Maktab Koperasi Malaysia on 30 June 2017, the rentable space at Wisma IEM had become vacant since then. Various efforts were taken to secure tenants including putting up banners, appointing real estate agents etc. In order to minimize outflow of funds, IEM Training Centre Sdn Bhd and IEM Academy Sdn Bhd decided to give up their rented premises and moved in to Wisma IEM in 2018.



The two auditoriums were also put up for rental to generate income. Technical Divisions were requested to utilize Wisma IEM premises for their events rather than hotels so as not to incur unnecessary expenses. With the concerted efforts, a tenant was finally secured at the end of 2018. Merdeka Strategic Development Centre Sdn Bhd accepted the offer of tenancy for first and second floor of Wisma IEM. Tenancy commenced in February 2019.

The ground floor of Bangunan Ingenieur continue to be rented out to Pizza Hut at a monthly rental of RM16,907. Pizza Hut's tenancy was renewed in November 2018 for another three years.

4.2.3 Activities Income

The IEM Technical Divisions organised numerous activities such as courses, seminars, workshops etc for the benefit for members' professional development as well as generate some income for the Institution. Income generated contributes to the improvement of facilities as well as services of the Institution. For the year 2018, with great efforts by the Technical Divisions, IEM generated RM599,657. The Women Engineers' Section organized the 2nd International Conference of Women in Science, Engineering and Technology in July 2018. The WE Section put in great efforts to generate surplus of RM190,811 making it a very successful event to assist IEM's financial position.

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. In view of the increase in operating costs and the drop in income due to the economic situation, various costs control measures were implemented to ensure that operating costs are controlled within the limited funds of the Institution while at the same time ensuring that services to members are not impaired.

4.4 Sub Committee on Human Resources

The Sub Committee chaired by the Honorary Secretary, Ir. Mohd Khir bin Muhammad looked 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 at 31 December 2018, the Secretariat's staff strength 40.

4.5 Sub Committee on IEM Infrastructure

The Sub Committee chaired by the Honorary Treasurer, Ir. Dr. Tan Chee Fai 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. The Sub Committee is currently looking into improving the facilities at Wisma IEM in terms of available space and conduciveness for IEM activities. Action has been taken to look into renovation to the Ground Floor of Wisma IEM to provide a cafeteria for members as well as a Digital Maker Space to be operated by the ICT Special Interest Group.

The Sub Committee will continue to look into increasing facilities for the benefit of members and to make Wisma IEM as a place for members to call "HOME".

5 STANDING COMMITTEE ON ADMISSIONS AND PRACTICAL TRAINING

5.1 Ir. Prof Dr Norlida binti Buniyamin continued to chair the Standing Committee for the third session for the session 2018/2019. 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 of IEM and career in engineering.

5.2 Up to 31 December 2018, a total of 7263 candidates were approved for election, admission and transfer to the various grades as listed below:

	2016	2017	2018
(a) Transferred to the Grade of Distinguished Hon. Fellow	-	-	-
(b) Elected to the Grade of Hon. Fellow	-	-	-
(c) Transferred to the Grade of Fellow	20	17	29
(d) Admitted/Transferred to the Grade of Senior	8	6	6
(e) Approved to sit for the Professional Interview	465	925	1240
(f) Admitted/Transferred to the Grade of Companion	63	83	79
(g) Admitted/Transferred to the Grade of Graduate	1701	1576	1283
(h) Admitted/Transferred to the Grade of Incorporated Member	28	33	38
(i) Admitted to the Grade of Affiliate	9	2	6
(j) Admitted to the Grade of Associate	16	12	19
(k) Admitted to the Grade of Student	5123	5154	4563
Total	7433	7808	7263

A total of 84 applications had been approved to sit for the BEM Professional Assessment Examination (PAE) for the year 2018.



5.3 Sub-Committee on Membership Applications Board (MAB)

The Sub Committee chaired by Ir. Dr Lee Yun Fook 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 IPE/APEC International Registers, ASEAN Engineer and Associate ASEAN Engineer membership. The following is the breakdown of applications for these Registers:

- 32 approved for International Engineer (IPEA/APEC)
- 24 approved for ASEAN Engineer (AE)
- 16 approved for Associate ASEAN Engineer (AAE)

5.4 Sub-Committee on Membership Drive and Promotions

Ir. Fam Yew Hin was reappointed as the Chairman of the Sub Committee on Membership Drive and Promotions for the session 2018/2019. During the entire year, the Sub Committee conducted numerous membership drive talks/events at various international and local engineering related organizations, Institutions of Higher Learning (IHLs) and government agencies.

The Technical Divisions and IEM Branches have also contributed towards the success of the membership drive events by organizing 107 membership drive events/talks and other related activities in 2018.

In order to further enhance the collaboration with the IHLs, the Sub Committee conducted an annual meeting with invited IEM Student Sections and IHLs representatives on 26 February 2018. A total of 23 public and private universities participated in the meeting where the main objective was to collect feedback, exchange ideas and to nurture an effective partnership between IEM and tertiary institutions.

The Sub Committee also organised a brainstorming session on 30 June 2018. The main objective of the session was to review the activities for the past year, and to establish an effective plan to increase the Institution's membership and promote the relevancy of IEM in the engineering fraternity, as well as to explore on new ideas to attract new potential members.

Apart from the above, the Sub Committee also initiated a roadshow to the IEM Branches to create awareness and engage with engineers who are IEM members and non-members as well as encourage them to join IEM as members and become Professional Engineers. The Sub Committee visited Kedah, Perlis, Negeri Sembilan, Kelantan and Sarawak within year and will continue to visit other states in 2019.

The Sub Committee continued to promote organisation partnership to engineering related companies in 2018. The objective of such partnership is to provide an effective platform for IEM and its partners to collaborate and contribute constructively to the advancement of the engineering society. Several reputable companies are currently in the advance stage of discussions to establish this arrangement.

For the year 2018, the Sub Committee managed to engage seven (7) Institutions of Higher Learning (IHLs) to sign MoUs with IEM on the recruitment of new and graduating students.

With the above initiatives, IEM shall continue to expand and become an inclusive, relevant organization to all engineering practitioners.

5.5 Sub Committee on IEM Log Book Training Scheme

The responsibility of the Sub Committee chaired by Ir. Abdul Razak bin Yakob was to review and confirm that the work and practical experience training progress as annually submitted by Graduate Members (mentee) and to ensure the reports conformed to the requirement and guidelines of the IEM's Log Book Training Scheme. A total of 192 log books were reviewed and confirmed in year 2018.

The Sub Committee organized two workshops for Mentors in March and September 2018. The workshop for Mentees was held in May 2018. It was agreed that for 2019, the sessions for Mentors and Mentees would be combined and two (2) workshops would be conducted yearly. The Sub Committee would also conduct Mentor/Mentee Engagement in HQ which will be broadcasted to the Branches. The first session will be on 16 March 2019.

The Sub Committee had rebranded the Log book and created a new Log Book format via online forms for the Log Book scheme. The launching was held with the issuing of an article in the August 2018 Jurutera.

The Sub Committee had also posted the database of active Mentor and Mentee on the website. The database was obtained from the feedback on the survey forms sent to Mentors / Mentees in early January 2018.



5.6 IEM Training Board

The IEM Training Board chaired by Ir. Li Thang Fai continued to deal mainly on 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 IEM's various Committees and Branches. In addition, the Training Board was also responsible for the approval of CPD hours for other training providers. Apart from assessing the submission of the training programmes, the Training Board also conducted audits on the selected programmes for verifying conformity.

Records for the year 2018 were summarised as follows:-

	Total application received (nos.)	Total application approved for CPD hours (nos.)	Total CPD hours granted (nos.)
<i>IEM own programmes</i>	548	543	2496
<i>Other training providers' programmes</i>	84	84	761

5.7 Special Committee on Structured Training

Ir. Mohd. Radzi Salleh continued to chair the Special Committee on Structured Training for session 2018/2019 for the fourth session. The objective of the Structured Training programme was to assist the graduate members/engineers who lacked design experience to gain relevant experience to enable them to be eligible to sit for the Professional Interview.

For the year 2018, the Search Committee in Electrical Engineering conducted the second session (2017/2018) of the 24-day Electrical Engineering Design on 16 December 2017 and completed on 15 September 2018. A total of 5 participants attended the course.

Apart from the Search Committee in Electrical Engineering, the Search Committee in Civil Engineering had also conducted an 8-day Geotechnical Engineering Design course from 15 September until 3 November 2018 of which six (6) participants attended the course. Upon completion of the said course, the Search Committee would be looking into organizing another 8-Day course on the Structural Design.

The Special Committee hoped to start off the other two structured training programmes; IEM-STPD Chemical Engineering and the HVAC/ACMV Design programme (under the Search Committee in Mechanical Engineering) in the first quarter of 2019.

6. STANDING COMMITTEE ON EXAMINATIONS AND QUALIFICATIONS

6.1 Ir. Lee Boon Chong continued to chair this Standing Committee for the fourth session. The main responsibility of this 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.

6.2 Professional Interview Board

Ir. Tu Yong Eng continued as Chairman of the PI Board for the session 2018/2019. The main responsibility of the Professional Interview Board was to co-ordinate the professional interviews held at the Head Office as well as the IEM Branches. On behalf of the IEM, the Professional Interview Board also assigned Examiners for the Professional Assessment Examination (PAE) candidates of the BEM. The PI Board would also recommend the Professional Interview results to the Standing Committee for acceptance. For the year 2018, the PI Board had organized ten (10) Professional Interview awareness talks and workshops for the Graduate Members and three (3) IEM Certification and Training workshops on the Outcome Based Professional Interview (*fka Enhanced Professional Interview*) for the Interviewers.

6.2.1 Professional Interviews

The results of the professional interviews conducted from January-December 2018 were recorded as follows:-

Applied to sit	Failed	Waiting for result	Waiting to be interviewed	Postponed	Passed
1268	210	65	223	15	755
	16.5%				83.5%

IEM received a total of eighty four (84) applications for the Professional Assessment Examination (PAE) from the Board of Engineers, Malaysia (BEM) in 2018. Seventy five (75) candidates passed whereas thirteen (13) were unsuccessful for the PAE.

6.3 IEM Accreditation Board

Ir. Prof Dr. Zainal Abidin Ahmad continued to be the Chairman for the IEM Accreditation Board for session 2018/2019. The main role of the IEM Accreditation Board was to assist the Engineering Accreditation Council (EAC) as 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.



6.4 Sub Committee on Professional Interview Development

The Sub Committee chaired by Ir. Chen Harn Shean had drafted the Professional Interview Guidelines 2018 for Applicant and Candidate last year for the applicants applying to sit for the Outcome Based Professional Interview which had been enforced since 1 January 2018. The Sub Committee was currently looking into drafting guidelines for the Assessors and also the Interviewers and also amending the application forms from time to time.

The Sub Committee also worked closely with the Professional Interview Board on conducting the outcome based Professional Interview workshops for the Interviewers, Assessors as well as the Graduate members. Apart from working closely with the Professional Interview Board, the Sub Committee had been going on road-shows with the Sub Committee on Membership Drive and Promotions (MDP) to the IEM Branches to present talks on IEM as well as on the outcome based Professional Interview process to the graduate members and the Interviewers. For the year 2018, the joint event/workshop had been conducted at four (4) of the IEM Branches. The Sub Committee would continue on this joint event to the other IEM Branches for the year 2019. The Sub Committee was also currently looking into implementing at least 80 percent of the professional interview process be automated. The main objective to automate was to reduce the errors and mistakes done manually and to increase efficiency in the processing of the outcome based Professional Interview applications.

6.5 Task Force on International Engineering Technologist Agreement (IETA) and Agreement for International Engineering Technicians (AIET)

Chaired by Ir. Lee Boon Chong, the Task Force was formed mainly to apply for the provisional membership of Engineering Technologist Agreement (IETA) and Agreement for International Engineering Technicians (AIET) which fall under the Sydney Accord and Dublin Accord accordingly.

7 STANDING COMMITTEE ON INFORMATION AND PUBLICATIONS

7.1 For Session 2018/2019, the Standing Committee was chaired by Ir. Prof. Dr. Ruslan Hassan. The Standing Committee is responsible for the publication of the IEM monthly Jurutera bulletin, the IEM Journal, the IEM Directory, the website and the library. In the year under review, the Standing Committee met regularly on every 2nd Tuesday of the month.

7.2 Jurutera

The Chief Editor and Bulletin Editor for the session were Ir. Prof. Dr. Ruslan Hassan and Ir. Abdul Razak bin Yakob respectively. Twelve issues of the bulletin were published for the year 2018. The titles for the issues are:

Month	Title	Month	Title
January	Geosynthetic	July	The Rise Of Tunnelling In Malaysia Through Advances In Innovations And Technologies
February	Mobility Engineering and Road Safety	August	Preparing engineers for tomorrow's challenges
March	Into a Better Future: Urban Planning, Economics and Infrastructure	September	SE=RE+EE
April	Convergence, Inclusion And Diversity	October	Safety First
May	AGM/IEM 59th Annual Dinner and Awards Night 2018	November	Oil & Gas Asset Decommissioning
June	Engineering The World	December	STEM – Preparing for the Future Engineers

On average, more than 20,000 copies were circulated each month to members across the country.

7.3 Journal

Two (2) issues of the Journal were published for the year 2018. The Principal Journal Editor for the session was Ir. Dr. David Chuah Joon Huang.

7.4 IEM Directory 2015/2016

The Standing Committee had decided not to publish any hard copies of the IEM directory. The last printed IEM directory (printed copy and CD) was produced in 2016. An online directory which is updated "real time" is made available on the IEM website.

7.5 IEM Website and Homepage

The Standing Committee continued to monitor and improve the webpage. Efforts were made to make the website more user-friendly and to keep members updated with useful announcements. For the session, the Committee also embarked on the initiative to post recorded videos of talks conducted at IEM HQ on the website for the benefit of IEM members.



7.6 Sub Committee on Documentation and Recording of IEM Historical Events

The Documentation and Recording of Historical IEM Event was chaired by Ir. Choo Kok Beng and Ir. Yap Soon Hoe was elected as Deputy Chairman. The Committee continued to focus with the work of recording IEM Historical records.

The Committee shall continue to document relevant IEM Historical events for the current year which Committee plans to archive for later uploads onto the IEM Website

7.7 Library

The Sub Committee on Library chaired by Ir. CMM Aboobucker met 8 times in the year 2018.

This year, 83 new physical books were added to the library collection. Increasing from 6,953 in 2017 to 7,036 in 2018, the titles covered numerous disciplines. Apart from engineering and management topics, there are books on other general topics which are of interest to the engineering fraternity, e.g. architecture, health, food science and autobiographies.

The IEM Library also acquired 347 eBooks on engineering and technology topics by end of year 2018. These collections are very popular among members. Apart from technical books, on-line Journals in the field of Geotechnical Engineering also can be accessed.

Announcement and information on new physical books as well as eBooks are made regularly through the IEM Portal under the heading, "Publications and Library". Announcements are also made during IEM events and through TV display screen at Bangunan Ingenieur located near the lift lobby entrance.

Members who wish to borrow physical books can reserve them through the IEM Portal. Members are also encouraged to submit recommendations of new titles either physical or eBooks using special format available in the IEM Portal.

The IEM Library also has continuously liaised with SIRIM Technical Library in providing a service to borrow local and international Standards through SIRIM Membership Card. Members can use this SIRIM Membership Card to borrow required materials except Malaysian Standard, journals, and technical reports. Borrowed materials are to be returned within two weeks. Many members in the academic and consulting field had been using this facility.

8 STANDING COMMITTEE ON ACTIVITIES

8.1 The Standing Committee was chaired by Vice President, Ir. Gopal Narian Kutty for session 2018/2019. The Standing Committee continues to supervise the activities of Technical Divisions, Special Interest Groups and Sections and Branches of the IEM. The main objective of this Standing Committee is organising talks, seminars/courses, conferences, social events and all other activities for the benefit of IEM members. The summary of these activities is tabulated in the summary sheet of activities for the year 2018.

8.2 IEM Annual Events and Activities 2018

Some of the major events are highlighted below:

30 - 31 March	13th Malaysia Chem-e-Car Competition 2018 was held at TATI University College, Kemaman, Terengganu. A record of 68 teams participated in the competition and won by Team Maximus, UCSI University.
21 April	The 59th Annual General Meeting of the IEM was held at Wisma IEM, Petaling Jaya and attended by 343 members.
21 April	The 59th Annual Dinner and Awards Night was held at Sunway Resort Hotel & Spa. 1,250 members and guests attended the event. The Guest of Honour for the night was Y.Bhg. Datuk Seri J. Jayasiri, Secretary General Ministry of International Trade & Industry.
07 July	The 2018 IEM Golf Tournament was organised by Building Services Technical Division held at Kelab Rekreasi Tentera Udara (KRTU), Subang with participation of 128 players (32 flags sold) with 15 sponsors.
07 July	The IEM~SEGI Bridge Competition-Bridging The Future 2018 "Title : Eco Friendly and Cost Effective Structure for the Future" was jointly organised by Engineering Education & SEGI University, Kota Damansara was participated by lower and upper secondary students from Klang Valley with more than 10 teams (100 students).
17 - 19 July	Women in Science, Engineering & Technology (WiSET) was organised by Women Engineer Section (WE) held at Plenary Theatre, Kuala Lumpur Convention Centre was participated by 174 participants with 9 Exhibition Booths. The GOH was YB Hannah Yeoh Tseow Suan.
29 July	The IEM Family Day was held on 29 July 2018 at the Persada PLUS, Kota Damansara, Selangor with 600 participants.
12 August	IEM Engineer's Run 2018 was held at UPM Serdang, KL with participation of more than 1200 runners.



- 18 August IEM STEM Competition 2018 organised by Standing Committee on Welfare and Service Matters was held at Monash University Malaysia participated by upper secondary school students.
- 04 September The IEM-CIE-HKIE Tripartite Seminar 2018 on “Geotechnical Challenges in Infrastructures and Transportation Projects” held at Pulse Grande Hotel, Putrajaya was participated by 110 participants.
- 02 - 03 November 3rd Junior Chem-e-Car Competition 2018 was held at the Malaysia International Exhibition & Convention Centre, Mines in conjunction with Kuala Lumpur Engineering Science Fair (KLESF). A record of 44 teams (176) primary students participated in the competition and won by Team from SK Putrajaya Presint 18 (1)
- 02 - 04 November During Kuala Lumpur Engineering Science Fair (KLESF), under IEM STEM Promotion Sub Committee, Exhibitions on STEM, Activities and Competitions were organised by the Sub Committee Members, mainly from E2TD, ICTSIG, CSETD, OGMTD and WE had attracted more than 3,000 participants among the primary and secondary students with more than 10 competitions held for the durations of 3 days.
- 04 November IEM Bowling Tournament 2018 was organised by Water Resources Technical Division held at Mega Lane Superball (Sunway Pyramid). The 1st IEM’s Bowling Tournament was participated by 23 team.
- 04 - 05 December IEM-Standards Malaysia-Suruhanjaya Tenaga ASEAN Electrical Symposium & Exhibition 2018 held at Connexion Conference & Event Centre, Kuala Lumpur with Theme “Standards Drive Globalisation” was Jointly Organised by Standards Malaysia, Suruhanjaya Tenaga and Electrical Engineering Technical Division. A break record of 34 Exhibition Booths and 564 participations were recorded.

8.3 IEM Presidential Award of Excellence

The winners for the activities conducted for year 2018 were:

Winner	Geotechnical Engineering Technical Division
2nd Placing	Electrical Engineering Technical Division
3rd Placing	Civil & Structural Engineering Technical Division
4th Placing	Mechanical Engineering Technical Division
5th Placing	Project Management Technical Division
Most Improved	Engineering Education Technical Division

8.4 Civil & Structural Engineering Technical Division ‘Prestige Talk’

On 10th March 2018, the Civil & Structural Engineering Technical Division organised its 1st CSETD Prestige Talk, entitled “TN50 Green - Aspirations for Engineering Fraternity” by Y.Bhg Dato’ Prof. Ir. Zaini Bin Ujang. The talk was attended by more than 70 participants.

8.5 2nd Peter Chiam Teong Tee Memorial Lecture with Luncheon

On 23 June 2018, the 2nd Peter Chiam Teong Tee Memorial Lecture by Prof. Dr. Laurence Daniel Wesley was jointly organised by the Geotechnical Engineering Technical Division and IEM Academy Sdn Bhd. Lecture. The Lecture entitled ‘Terzaghi, Bishop, and the Practical Application of the Principle of Effective Stress’ was attended by 78 participants.

8.6 Academician Dato’ Ir. Prof. Dr. Chua Hean Teik Engineering Education Prestige Lecture Series - 2018

On 1st September 2018, the Engineering Education Technical Division organised the 6th Academician Dato’ Ir. Prof. Dr. Chua Hean Teik Engineering Education Prestige Lecture Series - 2018. The Prestige Lecture Series 2018 entitled ‘STEM Education: ENGINE FOR GROWTH’, by Y.Bhg. Professor Dato’ Dr. Noraini Idris was attended by more than 80 participants

8.7 Souvenirs

Souvenirs are available on sale namely t-shirts, safety jacket, collar pins, tie clips, coat buttons, neck ties and car crests.

9 STANDING COMMITTEE ON PROFESSIONAL PRACTICE

- 9.1 Ir. Lai Sze Ching was re-appointed as the Chairman of this Standing Committee for Session 2018-2019. The Standing Committee held its regular monthly meetings on every first Wednesday 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.



The Sub Committees under PPC and the various Chairmen for Session 2018-2019 were as follows:

Sub-Committee	Chairman
Sub Committee on Engineering Contracts	Ir. Gunasagaran Kristnan
Sub Committee on Dispute Avoidance and Resolution Practice (DARP)	Ir. Dr. Ooi Teik Aun
The IEM Fire Advisory Board on Fire Protection Services	Ir. Thin Choon Chai
The Disaster Risk Reduction Advisory Board (DRRAB)	Ir. Loo Chee Kin
Sub Committee on Standards Writing	Ir. Hj. Mohd Radzi Salleh
Sub Committee on Street, Drainage & Building Act (Act 133) and Uniform Building Bylaws (Revised) 1984	Ir. Yim Hon Wa
IEM Arbitrator Appointment / ADR Advisory Board	Ir. Lai Sze Ching
Sub Committee on Screening of Complaints and Queries	Dato' Ir. Pang Leong Hoon
Sub Committee on Legislation Affecting Engineering Profession	Ir. Lai Sze Ching
Outside Bodies Representation (OBR) – Appointment, Monitoring and Reporting	Ir. Lai Sze Ching

9.2 Sub Committee on Engineering Contracts

Ir. Gunasagaran Kristnan continued for another term as the Chairman of the Sub Committee on Engineering Contracts for the session 2018-2019. The main objectives of this Sub Committee are:

- Matters related to the Engineering Contracts;
- IEM Form of Contract for Mechanical and Electrical Engineering Works (Third Edition, January 2017);
- IEM Form of Contract for Civil Engineering Works (Third Edition, January 2017);
- IEM Form of Nominated Sub-Contract for Engineering Works [December 2017]

9.2.1 IEM Form of Contracts for Purchase

Members are reminded that the two Form of Contracts can be purchased from the IEM Secretariat office at a nominal fee of RM 16.00 per copy (inclusive GT):

- IEM.CE 2017:** IEM Form of Contract for Civil Engineering (Third Edition, January 2017);
- IEM.ME 2017:** IEM Form of Contract for Mechanical and Electrical Engineering Works (Third Edition, January 2017).
- IEM.NSC 2017:** IEM Form of Nominated Sub-Contract for Engineering Works (December 2017)

9.2.2 Activities of Sub Committee for year 2018

- 15-3-2018 - Launching and Evening Talk on Introduction to IEM Form of Nominated Sub-Contract for Engineering Works (IEM.NSC 2017)
- Series of the "2-Day Course on Malaysian Civil Engineering Standard Method of Measurement (MyCESMM)" by Ir. Hj. Shahul Ikram bin Hj. Adnan. IEM Academy Sdn Bhd (IEM ASB) was to assist on promoting the events.
- 27-11-2018 – Evening Talk on MyCESMM2 (Malaysian Civil Engineering Standard Method of Measurement)

Date of Events	Venue
16-17/5/2018	Wisma IEM
13-14/8/2018	Wisma IEM
17-18/12/2018	Wisma IEM

9.2.3 Feedbacks

The Sub Committee welcomes all feedbacks and improvements for the Sub Committee's further discussion during Sub Committee monthly meetings and collated for future updates.

9.2.4 Call for Sub Committee Members

Any registered IEM Members are welcome to join the monthly meetings of the Sub Committee. Kindly provide your details or contact the PPC Secretariat or email sec@iem.org.my for further information.

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

Ir. Dr. Ooi Teik Aun continued to serve as Chairman of the Sub Committee for 2018-2019 Session. The Sub Committee held its regular meetings on every last Tuesday of the month to discuss matters, summarised as follows:



9.3.1 IEM Arbitration Rules 2016

The IEM Arbitration Rules 2016 can be accessible and downloaded at IEM website and a link in the Jurutera Magazine so that it could be accessible to those who needed. The hard copy is also available for sale at RM10 per copy.

9.3.2 Arbitration & Adjudication Courses, Seminars and Talks

The Sub Committee planned for a series of seminars / workshops / talks throughout the year. Up to date, there were two (2) completed Lectures and details were captured in the Summary Sheets of Activities for Year 2018 of the Annual Report.

9.3.3 Collaboration in Conducting Courses on Alternative Dispute Resolution for Practitioners 2018

The 2-Day Course on Alternative Dispute Resolution for Practitioners, jointly organized by IEM, MI Arb, RISM and PAM was successfully held on 8 & August 2018 at Wisma IEM.

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

Ir. Thin Choon Chai continued his Chairmanship for another term as the Chairman of the Fire Advisory Board (FAB) on Fire Protection Services for the session 2018-2019.

- a) The principal duties of the Advisory Board shall be:
- 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 as well as to focus on the fire safety aspects by organizing various activities, open forum and dialogue to provide awareness to members as well as architects
 - ii- Since 2013, the Advisory Board targets to train its committee members and young graduates in fire safety aspects via various
 - iii- To review, co-ordinate and formulate policies as well as to advise on all aspects on fire engineering
 - iv- To provide awareness and trainings as one of the advisory roles on fire industries.
 - v- To foster closer rapport with local authorities such as SIRIM Berhad, BOMBA and KPKT.
 - vi- To look into the representation of IEM in public and statutory authorities and other relevant organisations involved on fire activities.

Members of the Advisory Board attended the following meetings/dialogues/events:

- a) Mesyuarat Perbincangan di Antara JBPM dan Badan Profesional - Semakan Semula Jadual ke-10 UBBL 1984 (Pindaan 2012) The International Fire Conference and Exhibition Malaysia 2018
- b) The International Fire Conference and Exhibition Malaysia 2018
- c) Sesi Dialog Jabatan Bomba dan Penyelamat Negeri Selangor Bersama Profesional (Arkitek / Perunding) Bagi Sesi 1/2018

9.4.1 The Advisory Board were also involved in providing input and comments for SIRIM Berhad for the following:

- a) SIRIM: ISC M (Jawatankuasa Standard Perindustrian bagi Keselamatan Kebakaran)
- b) SIRIM: TC on Passive Fire Protection System (TC/M/2)
- c) SIRIM: TC on Wet Fire Protection System (TC/M3)
- d) SIRIM: TC on Clean Agent Fire Extinguishing System (TC/M/5)
- e) SIRIM: WG on Portable Fire Extinguisher (WG/M/5-1)

9.4.2 Circular for IEM Website (Publication/Authorities Having Jurisdiction (AHJ)/Bomba)

The following circulars had been uploaded into the IEM Website at <http://www.myiem.org.my/content/bomba-476.aspx> for members information:

Linked with Bomba Website info:

- Akta Perkhidmatan Bomba 1988 (Akta 341)
- Garis Panduan/Surat Arahan
- Pekeliling / Surat Pekeliling

Pangsapuri Servis yang Melebihi Ketinggian 30 Meter	5-Feb-2018
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9.5 The Disaster Risk Reduction Advisory Board (DRRAB)

Ir. Loo Chee Kin was re-appointed as the Chairman of the Disaster Risk Reduction Advisory Board (DRRAB) for the session 2018-2019.



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

1. focus on disaster preparedness, mitigation and planning for a community scale or larger. The type of disaster includes natural, catastrophic, fire, biological and chemical disasters.
2. provide advice 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 national disaster recovery work.
3. to be the focal point of technical expertise on disaster preparedness within IEM.
4. Topics involve: 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 involve other committees (Fire Advisory Board and/or Technical Divisions i.e. Chemical Engineering Technical Division).

9.5.2 *The Advisory Board Activities for 2018*

- a) Regular meetings with the Disaster Management Unit of Selangor State
- b) 18-7-2018 – One day course on Chemical Risk Reduction
- c) 29-8-2018 – One day Short Course on Engineered Flood Safe Technologies
- d) 10-10-2018 – Forum on Impact of Climate Change on Water Related Disasters

9.5.3 *Position Paper on The Impact of Climate Change on Water Related Disasters*

The outcome of the Forum on the Impact of Climate Change on Water Related Disasters had raised several interesting and relevant issues. The Committee had planned to form Working Groups on the following to set up the Position Paper Committees and the Working Group lead as follows:

1. Center of Excellence for Dam Engineering in Malaysia
2. The Impacts Of Sea Level Rise On Coastal Communities And Development
3. Urban flooding

9.5.4 *AFEO Working Groups*

The Advisory Board (DRRAB) at its meeting agreed to nominate Ir. Loo Chee Kin (Chairman) as the main representative and the Deputy Chairman or Secretary DRRAB as the alternate representative to serve and attend this AFEO Working Group. The WG meetings will be held twice a year in conjunction with the AFEO meetings. The representative/s will need to contribute on disaster matters and also the 'Manual on Disaster of ASEAN'. The meetings attended in 2018 were as follows:

- a) AFEO Midterm Meeting (5-7 August 2018) at Mecure Hotel Serpong Alam Sutera, Bumi Serpong Damai, Indonesia
- b) 36th CAFEO (12-15 November 2018) at Singapore

9.5.5 *Call for Experts and Volunteers*

The IEM Disaster Risk Reduction Advisory Board (DRRAB) under the IEM Standing Committee on Professional Practice (PPC) is compiling a list of volunteers to join the Advisory Board team. Kindly provide your input and interest to IEM Secretariat.

9.6 **Sub Committee on Standards Writing (SWO)**

Ir. Hj. Mohd Radzi Salleh was re-appointed to serve as the Chairman of the Sub Committee for 2018-2019 session to consolidate progress reports from the relevant Committees in IEM. IEM continues to provide expert opinion through representation to various SIRIM Technical Committees and Working Groups.

9.7 **Sub Committee on Street, Drainage & Building Act 1974 (Act 133) & Uniform Building Bylaws (Revised) 1984**

Ir. Yim Hon Wa continued to serve as the Chairman of the Sub Committee to provide IEM's views and input to the Ministry of Urban Wellbeing, Housing and Local Government via representation to the Working Group Committees on relevant matters.

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

The Sub Committee chaired by Ir. Lai Sze Ching continued its function of nominating/appointing arbitrators for parties in dispute.



9.9 Sub Committee on Screening of Complaints and Queries

Dato' Ir. Pang Leong Hoon continued to serve as the Chairman of the Sub Committee to screen complaints made against members on grounds of ethics, unfair dismissal, professional misconducts, unethical practice of Professional Engineers and other issues.

The Sub Committee will determine whether such complaints warrant a need to set up disciplinary Adhoc Committee to hear such cases. During the 2018-2019 session, 4 complaints were received as follows:

- a) Complaint against IEM Member for using M.I.E.M and ASEAN Engineer on business card. The hearing was postponed due to the request for disclosure of the complaint with the complainant details. New date of hearing is set and progress is on-going.
- b) Complaint against IEM for releasing other members' addresses/contact numbers to third party. No action was taken by IEM as there was no evidence provided to prove who had distributed the names and contact details of the members to others.
- c) Complaint against IEM member for forged certificates of qualification. No hearing was conducted as the case was proven. The membership status was therefore withdrawn by IEM.
- d) Complaint between IEM Council and Executive Committee Member on Unethical & Unprofessional Behaviour. The discussion between members involved is still on going as to seek more clarification.

9.10 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:

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

9.11 Outside Bodies Representation (OBR)

The re-appointed Chairman, Ir. Lai Sze Ching continues to appoint representatives to attend and participate by maintaining and establishing close rapporteur with various government agencies in meetings with various outside bodies between IEM with Local Authorities and Government or Public sector. A manual for the IEM Outside Bodies Representation was completed in the session 2017/2018.

Currently, more than 100 members from IEM Excomm, Council and the respective Standing Committee, Technical Divisions, Special Interest Groups (SIG), Sections and branch representatives representing IEM in more than 150 technical committees, working groups, opening ceremonies, dinner, events, technical dialogues and meetings at various local governments, agencies, institutions, organisations and universities.

All representatives who attended the external meetings will be required to submit a copy of the Outside Bodies Representation (OBR) report form within a week from the meeting date. The reports shall indicate the issues raised in the meetings which affect engineering profession in general and in particular those which concerned IEM. 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 and Excomm if there were any matters that required further deliberation or action.

Out of total of 292 meetings (296 representatives attended the meetings) and 138 organisations (159 representatives attended the social activities) tabulated in year 2018, only 66 representatives with 66 reports submission received. Representatives who attended these external meetings were regularly reminded to expedite the submission of the reports.

IEM continues to provide and assist with comments and input required by the industries such as Malaysian Standard (MS) draft for the Department of Standards Malaysia (DSM), SIRIM Berhad and Jabatan Kerja Raya (JKR).

Most of the details received has been uploaded regularly into IEM Website (*refer to http://www.myiem.org.my/content/Related_to_Engineering-382.aspx*) and also has been forwarded to Library and InfoPUB for dissemination to IEM Members.

10 STANDING COMMITTEE ON WELFARE AND SERVICE MATTERS

10.1 Under the Chairmanship of Vice President, Ir. Elias Saidin, this Standing Committee held its monthly meetings on every 3rd Tuesday of the month to discuss, review, recommend, approve and implement issues or matters pertaining to the welfare of IEM members. Activities such as the IEM Family Day and IEM Engineering Week were successfully organised during the session. Other welfare activities, which can benefit members of the Institution, were also planned and organised.

10.2 IEM Benevolent Fund

Total contribution amounting to RM31,796.00 was received from members in the year 2018. IEM would like to record its appreciation to the members for their kind support and generosity. Balance available in the fund as at 31 December 2018 is RM500,916.50.



10.3 Jurutera Wargamas (JWS) and Exempted Members

The scheme specially designed for members who are senior citizens or disabled aimed to reduce the annual subscription for these members to an affordable amount. The affected members would only need to pay 25% of the annual subscription fee with the balance to be settled from the IEM Benevolent Fund Account.

10.4 Employment Survey

The Standing Committee continued to study and conduct the employment survey to obtain information pertaining to the employment, remuneration and issues such as job satisfaction concerning the profession. The next survey is anticipated to be distributed by the end of 2019.

10.5 IEM Advertisement

10.5.1 IEM Job Advertisement

This is a job vacancy advertisement programme. The programme provides job vacancy advertisements through the IEM Website to its 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 in the IEM Website under 'Job Gallery' section for the latest job vacancy advertisements. There is no fee imposed for the job vacancy advertisement. Job vacancies are also sent to members who fit the required qualifications of the job through email blast.

10.5.2 IEM Advertisement for Products and Services

This is a service that is provided to IEM members as well as companies involved with the supply of products and services related to the engineering profession. With a nominal fee, members could introduce their products and services to fellow engineers by putting up advertisements in IEM website. It is being managed by IEM Academy Sdn Bhd.

10.6 IEM Family Day 2018

IEM Family Day serves as an avenue for networking among senior and young engineers and helpful for IEM Council members to obtain feedback on IEM activities. It also promotes the fostering of closer rapport between members. IEM Family Day 2018 was held on 29 July 2018 at Persada PLUS, Petaling Jaya, Selangor and attracted more than 500 participants comprising IEM Council members, IEM members and their families. SPM/STPM/A-Level award recipients were all invited to this function. Certificates of achievement and cash were given to the children of IEM members who achieved outstanding results in their SPM, STPM and A-Level 2017. This year a total of 33 SPM & 8 A-Level students were rewarded. There were more than 10 types of challenging and fun games for children and adults. These include fun games, giant bubbles, traditional games etc. IEM hired a caterer to set up foods serving local and western favourites and many other delicious foods.

10.7 IEM Engineering Week 2018 (EW2018)

The Standing Committee organised the 22nd IEM Engineering Week (EW2018) with the theme "**CONNECTING THE NATION**". A one week programme that focused on the following was arranged:-

- To promote Engineering Profession to the public in conjunction to the IEM Engineering Week 2018.
- To promote Engineering to the general public to encourage secondary school students to pursue Engineering as a profession.

The EW2018 took place from 12 - 20 August 2018. The highlights of the IEM EW2018 were the Opening Ceremony which coincided with the IEM Engineer's Run 2018 that was held at Pusat Sukan Universiti Putra Malaysia, Serdang, Selangor with more than 1000 runners participating.

EW2018 also organised the third IEM Science, Technology, Engineering and Mathematics (STEM) Competition 2018 where 24 secondary schools from Klang Valley participated.

The Opening ceremony of EW2018 was officiated by IEM President while closing ceremony was officiated by YBhg. Prof. Dr. Arham Bin Abdullah, Director of Industrial Relation on behalf of Y.Bhg. Datin Paduka Ir. Dr. Siti Hamisah Binti Tapsir, the Director General of MOHE.

10.8 Insurance Matters

Several insurance schemes were arranged with insurance companies for members such as:

- Professional Indemnity Insurance with AON Brokers Malaysia Sdn Bhd
- Life and General Insurance with Zurich Insurance
- Group Critical Cover Scheme with ING Insurance Berhad



10.9 Affinity Programme

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 is contributed as rebate to IEM. Other benefits provided included payment of annual subscriptions 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 to finance its operating expenses.

10.10 Other Benefit Projects

The Committee continues to negotiate with vendors and merchants to look into joint collaboration for the benefit of IEM members. For the year 2018, the Committee had obtained corporate rates from several hotels in Klang Valley, Mercedes Benz, Audi, BMW, BP Healthcare, Institut Jantung Negara, World of Sports, Red Wing Shoes, Focus Point etc. The Sub Committee also managed to continue the collaboration for the year 2019.

The Committee will continue to implement more activities for the welfare of members as well as providing excellent services to the members.

11 STANDING COMMITTEE ON CORPORATE AFFAIRS

11.1 The Standing Committee continues to oversee various initiatives to improve the image of IEM and position IEM as the premier engineering institution in Malaysia and the ASEAN region. The Standing Committee also handles the co-ordination of the international involvement of IEM and monitors the activities of the various IEM foreign initiatives.

Ir. Prof Dr Jeffrey Chiang Choong Luin served as Chairman for Session 2018/2019 and continued to look into means of improving the image of the Institution in the eyes of its members and general public.

11.2 MoUs with Overseas Engineering Institutions

In the year under review IEM established Memorandum of Understanding with the following institutions:

Institution	Signing Date
The Institution of Civil Engineers (ICE)	15 January 2018
The Institution of Engineers (India) - renewal	13 August 2018
China Association for Science and Technology (CAST)	22 November 2018

11.3 MoUs with Universities / Institutions of Higher Learning

In addition to overseas engineering institutions, IEM also signed MoUs with a number of Universities and Institutions of Higher Learning (IHLs) in Malaysia during the year. The University or IHL pledges to recruit Student Members for IEM in each of their intakes. The recruitment exercise includes collection of the membership subscription fee at RM50.00 per Student Member. IEM would then provide a financial incentive amounting to 30% of the total membership fees collection by the Universities or IHLs on behalf of IEM, to be utilised by the Universities or IHLs for activities of their Student Sections.

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 the session under review, IEM signed MoUs with the following Universities or IHLs:

University/IHLs	Signing Date
Infrastructure University Kuala Lumpur (IUKL)	25 January 2018
Nottingham University	1 February 2018
Tunku Abdul Rahman University College (TAR UC)	7 May 2018
Universiti Teknologi Petronas	30 May 2018
SeGI University	12 June 2018
Manipal International University	8 August 2018
Universiti Tunku Abdul Rahman (UTAR) - <i>renewal</i>	17 August 2018
Universiti Malaysia Perlis	26 October 2018
MAHSA University	22 December 2018

11.4 Interview Sessions, Press Releases and Press Statements

For the year under review, the Standing Committee continued to be active in providing press releases and press statements on various engineering issues and matter of national interest. A total of three (3) press statements were made and thirty (30) press clippings were published in the media. The press statements and clippings were uploaded onto the IEM Web Portal Newsroom for the general members' information.



11.5 Dialogues with Government Ministers, Government Agencies, Ministry Officials, Local Councils and other organisations.

- | | |
|-------------|--|
| 21 May | IEM paid a courtesy visit to the office of Chief Executive of the Construction Industry Development Board Malaysia (CIDB), Dato' Ir. Ahmad Asri bin Abdul Hamid |
| 30 May | IEM paid a courtesy visit to the office of Datuk Seri J. Jayasiri, the then Secretary General of the Ministry of International Trade and Industry (MITI) |
| 1 June | IEM paid a courtesy visit to the office of Datuk Seri Ir. Dr. Zaini Ujang, Secretary General of the then Ministry of Energy, Green Technology and Water (KeTTHA) |
| 3 August | IEM paid a courtesy visit to the office of YB Yeo Bee Yin, Minister of Energy, Science, Technology, Environment & Climate Change (MESTECC) |
| 26 October | IEM paid a courtesy visit to the office of the Chairman of CIDB Y.Bhg Tan Sri Dr Ir Ahmad Tajuddin Ali |
| 29 October | IEM and the Institution of Engineers, Singapore (IES) paid a courtesy visit to the office of YAB Tun Dr Mahathir Mohamad, Prime Minister of Malaysia |
| 19 December | IEM received a courtesy visit from Datuk Ir. Hj Amrullah @ Amrullah Kamal, the Director General of Dewan Bandaraya Kota Kinabalu (DBKK) |

11.6 Visits/Dialogues with Overseas Engineering Institutions

IEM held dialogues with the following visitors who paid courtesy visits to IEM in 2018:

- | | |
|-------------|---|
| 15 January | Institution of Civil Engineers, UK (ICE) President Professor Lord Robert Mair and ICE Director of Membership, Mr Sean Harris |
| 12 February | Fraunhofer Institute for Mechatronic Systems Design (IEM) Germany |
| 21 May | National Association Engineers of Timor Leste (ANETL) lead by Ir. Carlos Martins, Secretary General of ANETL |
| 4 June | Engineers Australia General Manager for Member Services Mr Jeff Hughes and Business Development Manager Mr Noel Dos Santos |
| 26 June | Institution of Mechanical Engineers (IMEchE) Chief Executive Officer Mr Stephen Tetlow and South East Asia Business Development Manager Mr Zen Teng |
| 27 August | Canadian Society for Civil Engineering International Affairs Committee Chairman, Dr Rishi Gupta |
| 6 October | Ikatan Nasional Konsultant Indonesia and Universitas Narotama Indonesia |
| 19 November | Nigerian Society of Engineers |
| 12 December | Chinese Institute of Electronics |

11.7 Inter-Professional Activities

The Institution continued its close rapport with other local professional bodies and organisations amongst which include:

- Board of Engineers Malaysia (BEM)
- The Chartered Institute of Arbitrators (CIArb)
- The Malaysian Institute of Arbitrators (MIArb)
- 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)



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)

11.8 **Collaboration with MATRADE**

During the year under review, the Sub Committee on Internationalisation of Engineers' Mobility under Corporate Affairs Standing Committee collaborated with Malaysia External Trade Development Corporation (MATRADE) to disseminate information to IEM members on MATRADE's Services Export Funds (SEF) and Marketing Development Grant (MDG).

IEM also collaborated with MATRADE to organise an Export Acceleration Mission (EAM) on Engineering Services during CAFEO36 from 11-15 November 2018 at Resort World Sentosa Convention Centre, Sentosa Island, Singapore. A Malaysian Pavilion was set up to enable engineering companies to exhibit their products and services, and additionally a Malaysian Business Matching session was organised to enable companies and delegates with mutual interests to meet at dedicated discussion setting in quiet surroundings.

11.9 **International Secretariat**

In order to oversee the various initiatives to improve the image of Institution and the position of IEM as the leader of engineers in Malaysia and the ASEAN region, this Standing Committee handles the co-ordination of the international involvement of IEM and monitors the activities of the various IEM foreign initiatives.

The AFEO Governing Board continued to maintain the AFEO Secretariat Management Committee at IEM to facilitate the AFEO Secretariat in performing its duties and responsibilities as well as to function effectively and efficiently. IEM was re-appointed as the Secretariat and Treasurer for AFEO with Ir. Prof Dr Jeffrey Chiang Choong Luin as the Secretary-General for session 2018 - 2019.

The AFEO Governing Board held its mid-term meeting from 6-7 August 2018 at Mercure Alam Sutera Hotel, Tangerang Selatan, Indonesia hosted by The Institution of Engineers, Indonesia (IEI). Later in the year, The Institution of Engineers, Singapore (IES) hosted the 36th AFEO Governing Board meeting at the Resort World Sentosa Convention Centre, Sentosa Island, Singapore on 14 November 2018.

The AFEO Governing Board meeting was also held during the 36th Conference on ASEAN Federation of Engineering Organisations with two themes on "Singapore Rail Technology Conference" and "ASEAN Engineering Deans Summit (AEDS)".

The Prime Minister of Malaysia YAB Tun Dr Mahathir Mohammad was conferred the Distinguished Honorary Patron by the AFEO Governing Board during the conference in Singapore.

The AFEO Honorary Fellow 2018 was conferred to Ir. Ong Ching Loon, IEM Deputy President, Ir. Ellias bin Saidin, IEM Vice President and Ir. Yam Teong Sian, IEM Past Honorary Secretary and AFEO Honorary Treasurer.

The AFEO Honorary Member awards were conferred to recipients from various technical divisions and IEM Branches and those who have contributed in one way or another to the interest of the Institution. They are:

- Ir. Ting Chek Choon
- Ir. Paul Chiew Lik Ing
- Ir. Dr Yee Hooi Min
- Ir. Simon Yeong Chin Chow
- Ir. James Yong Honorary Min
- YB Dato Norlee Ashilin Mohammad Radzi
- Ir. Chong Chew Fan
- Ir. Lim Kim Ten
- Ir. Cha Hong Kam
- Ir. Vincent Tang Chok Khing



11.10 ASEAN Engineers Register (AER) National Monitoring Committee (NMC)

Ir. Yau Chau Fong took over as Chairman of this Committee after being appointed the Country Registrar of Malaysia. 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). The Committee also arranges for AER certificates and medallions presentations to successful applicants from IEM and TAM.

The total membership of the various grades from IEM and TAM for the ASEAN Engineering Register in Malaysia is 2,988. The number of members registered by IEM for the grades of ASEAN Engineer (AE) and Associate ASEAN Engineer (AAE) is recorded at 2,635. The breakdown is indicated below:

Grade	AE	AAE	AET	AAET	AT	AAT
2017	619	1748	38	177	10	118
New admission	29	19	3	2	0	0
2018	648	1767	41	179	10	118
Deleted/Resigned/Deceased	211	9	1	3	1	1
Overall registered members	859	1776	42	182	11	119

Breakdown of members deleted, resigned and deceased were noted as follows:

Grade	Deleted	Resigned	Deceased
ASEAN Engineer (AE)	179	18	14
Associate ASEAN Engineer (AAE)		5	4
ASEAN Engineering Technologist (AET)			1
Associate ASEAN Engineering Technologist (AAET)			3
ASEAN Technician (AT)			1
Associate ASEAN Technician (AAT)			1
Total	179	23	24

11.11 International Engineering Alliance (IEA)

The International Alliance Meeting (IEAM 2018) was held in London, United Kingdom from 24-29 June 2018 hosted by The Institution of Civil Engineers, United Kingdom. Malaysia was successfully admitted into the Sydney and the Dublin Accords at this meeting.

Vice President and Chairman of the Standing Committee on Examinations and Qualifications, Ir. Lee Boon Chong and IEM President, Ir. David Lai Kong Phooi represented IEM at the meeting.

For the year under review, the APEC Engineers Register which has its Secretariat in Singapore had compiled a databank of qualified Professional Engineers among APEC economies, for the purpose of mobility across borders in APEC for service provision and employment purposes as there had been urgent need to connect with respective Government agencies to facilitate the APEC objectives through signed MRAs.

The APEC Engineers Register requires all APEC economies to expand on the list of databank from its membership listing, and also to encourage all APEC members to log into the databank info, which is hosted in IEA website.

Ir. Lee Boon Chong, Vice President and Chairman of the Standing Committee on Examinations and Qualifications, concurrently APEC/IPEA Reviewer was invited to deliver a talk on "Some Views of Project Prospects in Malaysia" at its Group on Services Human Resources Development Working Group (GOS-HRDWG) Workshop on Promoting Regional Connectivity of Professionally Qualified Engineers in APEC. The event was held at the International Convention Centre, Port Moresby, Papua New Guinea from 12-13 August 2018.

Also present at the event was Ir. Prof Dr Jeffrey Chiang Choong Luin, Vice Chairman and Chairman of the Standing Committee of Corporate Affairs. Both their trips were sponsored by the APEC Secretariat



11.12 Asia Pacific Economic Cooperation and International Professional Engineers Registers (APEC/IntPE)

The APEC/IntPE Registers for Malaysia are maintained at IEM. The APEC/IntPE Registration and Administration Committee at IEM work closely with the Standing Committee on Admissions and Practical Training to approve applications from those interested to join the register.

To date, the total count of registered members for both registers are as follows:

Total Members in 2017	569
Total Members registered in 2018	37
Total members registered to date (2018)	606
Less deleted, deceased, resigned	101

The registers have a total of 505 members.

Ir. Lee Boon Chong successfully conducted a two-day APEC/IPEA Reviewer Training Workshop on "Reviewing Competent Assessment System" from 6-7 December 2018 at Wisma IEM, Petaling Jaya. 30 members participated in the training workshop.

11.13 Federation of Engineering Institutions of Asia and the Pacific (FEIAP)

IEM continues to host the permanent FEIAP Secretariat for another five years from 2018 until 2023. Chinese Institute of Engineers (Chinese Taipei) appointed Dr John Li Chien Lung to continue as the FEIAP President for the final session. Chinese Association of Science and Technology (CAST) was elected as the Vice President with Prof Huang Wei as the President-Elect. The next General Assembly would be held in Xian, China from 27-31 May 2019. IEM once again named Ir. Dr Tan Yean Chin as the FEIAP Secretary General and head of the FEIAP Secretariat.

The 26th FEIAP General Assembly was organised and held by IEM from 11-14 July 2018 in Ipoh, Perak. The event was hosted by Tourism Perak and the Perak State Government. The Menteri Besar of Perak, YAB Dato' Seri Ahmad Faizal Dato' Haji Azumu was invited as Guest of Honour for the Opening of the General Assembly, the FEIAP Dinner and the Distinguished Lecture. As he was not able to attend the events in person, Dato' Seri Ir. Haji Mohammad Nizar bin Jamaluddin, the Perak State Assembly Member for Sungai Rapat represented the Menteri Besar on all the occasions.

A total of 269 participants attended the Seminar on The 4th Industrial Revolution organised in conjunction with the FEIAP General Assembly. A total of 90 members from member economies attended the FEIAP General Assembly and meetings whereas 60 delegates participated in the technical visit to Universiti Tunku Abdul Rahman (UTAR).

The State of Perak under Exco member YB Tuan Tan Kar Hing sponsored the welcoming reception dinner of 50 pax for the night of 11 July 2018. Also sponsored were two coaches to take the FEIAP Delegates on a guided tour of Ipoh and Tualang; the opening gambit for the opening ceremony, the cultural dance for the Gala Dinner and tourist pamphlets and brochure on Ipoh.

11.14 Federation of Engineering Institutions of Islamic Countries (FEIIC)

Ir. Prof Dr Ruslan Hassan continued to represent the Institution to attend the General Assembly in Makkah, Saudi Arabia. The President of the FEIIC is Dr Jamil Jarallah Bagawi of Saudi Council of Engineers (SCE) while the Deputy President is Engr. Jawed Qureshi of Pakistan Engineering Council (PEC). The Malaysian representatives, Ir. Prof Megat Johari bin Megat Mohd Noor was elected the Vice President while Ir. Prof Dr Ruslan was elected as its Council member.

IEM's FEIIC National Monitoring Committee was formed as a Sub Committee of the Corporate Affairs Standing Committee to monitor and coordinate activities organised between IEM and FEIIC. Ir. Prof Dr Ruslan Hassan was appointed the Chairman of this Sub Committee.

The 32nd FEIIC Council Meeting will be held from 6-9 January 2019 in Makkah, Saudi Arabia. The Engineering Qualification, Accreditation & Professional Systems (EQAPS) Committee meeting would also be held concurrently. The FEIIC General Assembly is held biennially while its Council meetings are held annually and at times together with the General Assembly.

11.15 World Federation of Engineering Organisations (WFEO)

Dr Marlene Kanga, the Past President of Engineers Australia (EA) is the current WFEO President whereas Dr Gong Ke of the China Association for Science and Technology (CAST) is the President-Elect. The WFEO General Assembly is held alternate years.

Ir. Prof Dr Leong Wai Yie and Ir. Dr Tan Chee Fai represented the IEM in WFEO Committee on Women in Engineering and Standing Committee on Engineering for Innovative Technologies respectively on a self-funding basis. The next WFEO General Assembly would be from 22-26 November 2019 in Melbourne, Australia. IEM President and Honorary Secretary are the official representatives of the IEM in WFEO.



11.16 Asian Pacific Confederation of Chemical Engineers (APCChE) Director's Board Meeting and Congress

IEM was successful in bidding to host the 19th APCChE Congress in 2021. Ir Prof Dr Dominic Foo is currently a Vice President of the APCChE Board and continues as the representatives of IEM at APCChE meetings. He also chairs the Organising Committee of 19th APCChE Congress to be held in August 2021 in Kuala Lumpur. The APCChE Board Meeting in Manila was held on 22 November 2018, attended by Ir. Prof Dr Dominic Foo. The 18th Asian Pacific Confederation of Chemical Engineering Congress (APCChE 2019) would be held from 23-27 September 2019 in Sapporo, Japan.

12 AWARDS COMMITTEE

12.1 Ir. David Lai Kong Phooi, the IEM President, chaired this Committee for the session 2018-2019. The Committee met 4 times in 2018 to discuss and scores basing on credentials for winners to the following Awards:

- Outstanding Engineering Achievement Award
- Award for Contribution to Engineering Profession in Malaysia
- Woman Engineer Award
- Young Engineer Award
- Hall of Fame
- Best Technical Papers Award

The list of winners to these awards were tabulated in the front pages of this Annual Report.

12.2 Other duties of this Awards Committee was also to identify 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 (numerous categories)
- AFEO Honorary Membership (numerous categories)
- FEIAP Engineer of The Year Award

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 are:

- WFEO Awards - Medal of Excellence
- FEIAP Engineer of the Year Award
- ASEAN Outstanding Engineering Achievement Award
- CIDB MCIEA Awards
- Merdeka Award
- Malaysian Service Providers Confederation Award

13 SPECIAL COMMITTEE ON AMENDMENTS TO CONSTITUTION AND BYLAWS

13.1 The amendments to the Constitution and Bylaws approved at the Special General Meeting in October 2017 was approved by the Registrar of Societies on 20 December 2017. The amendments were then duly adopted. The Constitution and Bylaws which is in force can be obtained from the IEM website under the tab "About IEM".

13.2 In the year 2018, the Special Committee chaired by Ir. Lai Sze Ching continued to refine and improve the provisions in the Constitution and Bylaws. In their effort to be a more inclusive Institution, a proposal to add new grades of membership would be proposed to the Annual General Meeting. The proposal would be in the front pages of the 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 met once every three months to monitor the activities of the Fund and to consider scholarship to the needy students.

Similar to previous years, gold medals were awarded to the best final year engineering student of local institution of higher learning. For the year 2018, a total of 39 students from all the universities and institutions of higher learning in Malaysia who have collaboration with IEM were presented with the gold medal.

The IEM Book Prizes were also awarded to the best engineering student of all universities who had signed MoUs with IEM. A total of 4 students recommended from these IHLs were presented with the Book Prize at RM200 each.

No new scholarships were given out during the year as the previous batch continued to receive their annual allocation based on the last selection. The students for the Tan Sri Chin Fung Kee Memorial Scholarship and Ir. Thean Lip Thong Scholarship had completed their studies and in 2018. The announcement for applications was posted on the IEM website. Applicants received is due to be interviewed in 2019.

The Board would like to record its sincere appreciation to all IEM members who donated generously to the IEM Education Fund.



14.2 IEM Student Sections

The Board now has 27 IEM Student Sections set up at various universities. The Board allocates a budget of RM1,000.00 each to the Student Sections for its annual activities.

These students sections are based at the following univesities:

- 1) Universiti Multimedia – MMU (Melaka)
- 2) Universiti Teknologi Malaysia – UTM
- 3) Universiti Sains Malaysia – USM (Nibong Tebal, Pulau Pinang)
- 4) Universiti Teknologi MARA – UiTM (Shah Alam)
- 5) Universiti Teknologi MARA – UiTM (Pulau Pinang)
- 6) Universiti Tenaga Malaysia – UNITEN (Bangi)
- 7) Univerisiti Tunku Abdul Rahman – UTAR (KL)
- 8) Universiti Teknologi Petronas – UTP (Perak)
- 9) Universiti Malaysia Sabah – UMS (Sabah)
- 10) Universiti Malaysia Pahang – UMP (Pahang)
- 11) Univerisiti Tunku Abdul Rahman – UTAR (Kampar)
- 12) Universiti Tun Hussein Onn Malaysia – UTHM (Batu Pahat)
- 13) Curtin University – Curtin (Sarawak)
- 14) Universiti Malaysia Perlis (UniMAP)
- 15) Universiti Teknikal Malaysia Melaka (UTeM)
- 16) Universiti Malaysia Sarawak (UNIMAS)
- 17) Universiti College Sedaya International (UCSI)
- 18) Asia Pacific University of Technology and Innovation (APU)
- 19) Monash University Malaysia (MUKL)
- 20) Multimedia University – MMU (Cyberjaya)
- 21) Taylor’s University – Lakeside Campus (Subang)
- 22) Swinburne University of Technology (Sarawak)
- 23) The University of Nottingham Malaysia
- 24) Nilai University
- 25) Manipal University
- 26) International Islamic University Malaysia
- 27) SEGi University

- 14.3 The Education Fund Management Board also continue to sponsor the Tan Sri Hj Yusoff Ibrahim FYP Competition in 2018. The winner will receive the prize during the IEM AGM.

15 IEM POSITION PAPERS

- 15.1 The Co-ordinating Committee for Position Papers chaired by the Deputy President, Ir. Ong Ching Loon was entrusted to monitor and co-ordinate the progress of the Committees set up to prepare each position paper.
- 15.2 The Co-ordinating Committee continue to review the previously approved Position Papers to have them updated accordingly. The following Position Papers are being updated:

- Position Paper on Benchmarking the Quality of Engineers
- Position Paper on Water Quality and Cleanliness of Beaches

Two (2) new Position Papers introduced in 2017 are currently still on going :

- i) Position Paper on “Employment of Professional Engineers in Key Government Positions” by Public Sector Engineers Special Interest Group (PSESIG) and
- ii) Position Paper on “Building Railway Engineering Capacity for the Future” by Electrical Engineering Technical Division (EETD)

Two (2) new Position Papers had been recommended in 2018 as follows:

- i) Position Paper on ‘Center of Excellence for Dam Engineering in Malaysia’
- ii) Position Paper on ‘Sea Level Rise’

16 IEM STRATEGIC PLAN

- 16.1 The Strategic Plan Co-ordinating Committee chaired by the President continued to monitor the implementation of actions plans put up in October 2012 especially on the following initiatives:

- Strengthening Ties with the Government Authorities and Government Agencies
- Strengthening media relations in order to promote IEM
- Strengthening the IEM Secretariat



17 BRANCHES AND SECTIONS

17.1 Penang Branch

17.1.1 Ir. Ting Chek Choon was elected as the Branch Chairman for session 2017/2018. The total membership as at 27 Sept 2018 of the Branch stands at 2460 with 24 Fellows, 1 Senior Member, 540 Members, 4 Incorporated Members, 557 Graduate Members, 18 Companions, 3 Associate Members and 1,313 Student Members.

During the active 2017/2018 session, the IEM Penang Branch Committee together with the Young Engineers Section (YES) have organized numerous activities. School career talks and engineering career camp were also organized as awareness programmes for students for them to understand an engineering career. Seminars, Courses, Dialogues, Technical Talks and Technical Visits were also conducted solely aimed towards the success of Continuous Professional Development and Lifelong Learning Programmes.

- 10.11.2017 **Distinguished Engineer Legacy Talk on “Economic Benefits of Smart Engineering Innovations towards sustainable Industrial Success”**
The above talk was held at PSDC and Dato’ Prof. Ir. Dr. Eric Goh is the speaker.

50th AGM held at PSDC.
- 17.11.2017 **InspireMe Talk: What it Takes To Be a Successful Engineer?**
The above talk was held at KDU Penang University College and Dato’ Siew Hai (SH) Wong is the speaker.
- 20.12.2017 **Disaster Preparedness – Update on Coastal Flooding Forecasting Earthquake & Hillslope Risk Mapping**
This talk was held at PSDC. Ir Loo Chee Kin is the speaker.
- 13.12.2016 **Heat Pump Hot Water System for Hotels & Hospitals**
This Half Day Course on Heat Recovery System was held at The IEM Penang Secretariat.
- 18.01.2018 **How to Upgrade Your Condominium To Be Astro HD & PVR Ready**
The above seminar is held at Jen Hotel, Penang and attended by 28 participants.
- 26.01.2018 **Insights Into New Water Cooled Screw Chillers & Energy Analysis**
This talk is held at Vistana Hotel. A total of 44 participants attended.
- 01.03.2018 **Dialogue with MPSP on Street Lighting Submission Issues**
18 members attended this dialogue which was held at MPSP.
- 08.03.2018 **Technical Visit to Motorola Solutions Malaysia Sdn Bhd**
18 participants visited Motorola Solutions Malaysia Sdn Bhd

Technical Talk by Women Engineers
28 participants attended this talk at M.E.I. Project Engineers Sdn Bhd.
- 15.03.2018 **Simulation Driven Hardware & Deployment/Semiconductor Test Technology & Solution for High Volume Manufacturing**
This talk is attended by 16 participants which was held at AIMST, Kedah.
- 29.03.2018 **Courtesy Visit cum Dialogue with DOSH (Penang Branch)**
20 participants visited DOSH office at Seberang Jaya, Penang
- 30.03.2018 **UiTM Recruitment Drive and Sharing Session**
400 students in total from various engineering school were invited to join this sharing session which was held in UiTM Campus.
- 04.07.2018 **Courtesy Visit to IEM Perak Branch**
IEM Perak Branch YES have invited IEM Penang YES and IEM Southern YES to attend their 34th AGM held at their Secretariat. Total of 22 members attended.
- 19.04.2018 **Technical Visit to NUR Generation Sdn Bhd, Kulim**
31 participants visited NUR Generation Sdn Bhd, Kulim
- 25.04.2018 **Courtesy Visit to Datuk Bandar & Setiausha, MBPP**
8 IEM Executive Committee members paid a courtesy visit to Datuk Bandar, Dato’ Ar. Yew Tung Seang and Setiausha Bandaraya Ir. Addnan Mohd Razali.
- 28.04.2018 **Half-Day Seminar on Electrical Installation & Regulations**
This seminar was held at IEM Penang Secretariat. A total of 16 participants attended.



- 28.04.2018 **Slope Stabilization Solution, Retaining Wall System Application & Rockfall Mitigation**
53 participants attended this talk which is held at Sunway Hotel.
- 17-18.05.2018 **Design Concepts Of Plumbing & Soil Waste Vent System**
The above 2-day Course was attended by 19 participants at IEM Penang Secretariat.
- 24.05.2018 **Implementation of I4.0 into Existing Equipment & Processes to Improve Productivity and Maintenance**
This talk was held at The IEM Penang Secretariat. A total of 16 participants attended.
- 27.05.2018 **Charity Drive to Seri Cahaya Welfare Home**
The above Chariry Drive was attended 16 YES members.
- 01.06.2018 **Refresher Course: Interviewers & Awareness Talk on Enhanced PI**
31 participants attended this Refresher Course which was held at IEM Penang Secretariat. Ir Lee Boon Chong is the facilitator.
- 05.06.2018 **IEM President Visit To IEM Penang Branch**
President paid a visit to Penang Branch and was attended by 11 executive committee members.
- 07.06.2018 **Technical Visit to M Summit 191 Executive Suites**
43 participants visited M Summit 191.
- Automotive Functional Safety (ISO 26262)**
The above talk was held in IEM Penang Secretariat. A total of 16 participants attended.
- 12.06.2018 **Penang Chief Minister Office**
9 IEM Executive Committee members visited Chief Minister of Penang, YAB Tuan Chow Kon Yeow as Courtesy Visit cum Dialogue.
- 21.06.2018 **The Engineer, The Coach and You**
11 participants attended the above talk of which was held at IEM Penang Secretariat.
- 25.06.2018 **Drainage & Detention Basin Design Based on MSMA – 2nd Edition**
This talk was held at IEM Penang Secretariat. A total of 25 participants attended.
- 27.06.2018 **Power Quality Mitigations & Control In Electrical Installation (wiring) of Building**
This seminar was held at IEM Penang Secretariat and Ir Lim KT is the speaker. A total of 25 participants attended.
- InspireMe Talk on Attitude & Passion Road to Success**
8 participants have attended this talk of which was held at KDU Penang University College.
- 28.06.2018 **Technical Visit to Trane (M) Sales & Services**
16 participants visited Trane (M) Sale & Services
- 10.07.2018 **Harmonics In HVAC System & Its Mitigation**
The above talk was held at IEM Penang Secretariat. Total of 24 participants attended.
- 13.07.2018 **The Emergent Vehicle Development Synergies in ASEAN**
18 participants attended this talk of which is held at IEM Penang Secretariat.
- 18.07.2018 **Geosynthetic Cementitious Composite Mat (GCCM)**
This talk is held at IEM Penang Secretariat and 29 participants attended.
- 19.07.2018 **Indah Water Konsortium**
17 participants attended this technical visit held at Batu Ferringhi Sewage Treatment Plant.
- 21.07.2018 **What is Digital identity With The Current Digital Transformation? Facts & Technology Challenges One We Will Be Facing.**
35 participants attended this talk which was held at IEM Penang Secretariat.
- 10th AGM of the Electronic Engineering Technical Division**
This AGM was held at IEM Penang Secretariat and was attended by 32 members.
- 25.07.2018 **Post-Installed Rebar Design**
Total of 37 participants attended the above Talk which was held at IEM Penang Secretariat
- 26.07.2018 **Seminar On IEC 62305**
Total of 16 participants attended this talk which was held at IEM Penang Secretariat.



- 31.07.2018 **Veritas Control SC**
This half day seminar was held at Eastin Hotel and was attended 68 participants.
- 4-12.08.2018 **OSRAM Plant 1**
20 participants attended this Technical Visit which was held at OSRAM.
- 8-10.08.2018 **Conference: Recent Innovation in Engineering (RIE 2018)**
70 participants and 42 invited guests attended this 2-Day Conference which was held at Gurney Resort Hotel.
- 11.08.2018 **Annual Badminton Friendly Match (in conjunction with Engineering Week)**
This friendly match is held between IEM members and the staff from local authorities. It was held at Badminton Court of Karpal Singh Penang Learning Centre.
- 13.08.2018 **Career Talks (in conjunction with Engineering Week)**
The above career talks were held at SMK Methodist, Nibong Tebal and SMJK Heng Hee.
- 14.08.2018 **Technical Visits (in conjunction with Engineering Week)**
Technical visits were carried out by YES committee to MEI Project Engineers Sdn Bhd, Taman Indah Land Sdn Bhd and PDC Nusabina Sdn Bhd.
- Advances in First, Second, Third & Fourth Generation Biofuels from Biomass**
Dr Lee Keat Teong is the speaker for this talk which was held at IEM Penang Secretariat. Total of 14 participants attended.
- 15.08.2018 **Metal Roof Series**
This talk is held IEM Penang Secretariat and there are 19 participants. Mr Low Ping Hing and Jack Chum are the speakers.
- 16.08.2018 **Route to Professional Engineer**
Total of 41 participants attended this talk which was held at IEM Penang Secretariat.
- 18.08.2018 **Build & Break Competition (in conjunction with Engineering Week)**
This competition was participated by Students from 12 Secondary Schools in Penang and was held in New World Park.
- 21.08.2018 **Dialogue with PBAPP on Water Demand Requirements for Project Submission**
25 members attended this dialogue of which is held at IEM Penang Secretariat.
- 27.08.2018 **Cytron Technologies Sdn Bhd**
9 participants attended this Technical Visit at Cytron Technologies Sdn Bhd
- 29.08.2018 **Low Voltage Switchgear & Control gear Assembly**
This Seminar was held at Olive Tree Hotel and 37 participants attended.
- 03.09.2018 **Scaling Up Renewal Energy in Malaysia**
24 participants attended this talk which was held at IEM Penang Secretariat.
- 4-5.09.2018 **Lightning Protection, ATS & Power Capacitors**
This 2-Day seminar was held at IEM Penang Secretariat and 4 participants attended.
- 06.09.2018 **Investigation of Damage Assessment of Reinforced Concrete Beam using Acoustic Emission Technique**
14 participants attended this Talk which held at IEM Penang Secretariat.
- 2018 Water Seminar**
This seminar is held at Eastin Hotel and a total of 50 participants attended.
- 07.09.2018 **B. Braun Medical Industries Sdn Bhd**
17 participants attended this Technical Visit at B.Braun Medical Industries Sdn Bhd.
- 13.09.2018 **Dialogue with MPSP on Street Lighting Submission and Technical matters on Street Lighting installation works.**
10 members participated in this dialogue which was held at IEM Penang Secretariat.
- Moving forward with Molecular Oriented (PVC-O) Pipes**
8 participants attended this talk which was held at IEM Penang Secretariat.
- 18.09.2018 **Dialogue with MBPP on The New Geotechnical Report Requirements**
This dialogue was held at IEM Penang Secretariat. Total of 20 participants attended.



- 22.09.2018 **Bridge Design**
This half day seminar was held at IEM Penang Secretariat and there are 36 participants.
- 25.09.2018 **Workshop on EPA's Storm Water Management Model (SWMM) software**
8 participants in this 1-Day Workshop which is held at IEM Penang Secretariat.
- 26.09.2018 **Seminar on Zero Carbon City**
This seminar was held at Jen Hotel, Penang. Majlis Bandaraya Pulau Pinang has offered 25 free seats for IEM members.
- Sustaining in Lean Practices – the avoidance of pitfalls in lean journey**
Ms Thong Sze Yee is the speaker for this talk which was held at IEM Penang Secretariat. Total of 16 participants attended.
- 2-3.10.2018 **Workshop on Drone Aerial Mapping & Modelling for Engineering and Industrial Application**
This workshop is held at USM, Nibong Tebal.
- 17.10.2018 **Commercial Building Solution (Chiller System) & VRF Technology Development Trend**
This workshop is held at IEM Penang Secretariat.
- 19.10.2018 **Technical Visit to FYS Marketing Sdn Bhd (Quarry Plant)**
Participants visited this quarry plant at 2519, Mk17, Jalan Berapit, Bukit Mertajam, Penang
- 26.10.2018 **Official Opening Ceremony of IEM Secretariat Office**
Opening ceremony is officiated by YAB Tuan Chow Kon Yeow at 1.00pm.
- IEM 51ST Annual General Meeting**
AGM is to be held at IEM Penang Secretariat at 7.00pm.
- Pre-AGM Talk-1**
Industry 4.0 – Purpose, Benefit and Promise.
- Pre-AGM Talk-2**
The Infusion of Chinese Elements into the Baba Culture.

17.2 Southern Branch

- 17.2.1 Ir. Teo Kiyuee, served as the Chairman for session 2018/2019. The total membership as of 31 December 2018 of the Southern Branch stands at 5,052 with 53 Fellows, 5 Senior Member, 638 Members, 17 Companions, 644 Graduate Members, 3 Affiliate Members, 6 Incorporated Members, 1 Associate Member, and 3,685 Student Members.

The following activities were conducted by the Southern Branch for the year 2018:

- 25.01.2018 Half-Day Technical Visit to Philips Lightning Application Center (LAC), Singapore was organized by IEM (Southern Branch).
- 27.01.2018 – 28.01.2018 Two-Day Course on “Design of Steel Structure Using Eurocode 3” was organized by YES IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
- 03.03.2018 Talk on “Route to be MIEM/PEng” and Professional Engineer in conjunction with *Seminar Kejuruteraan Awam (SEMKA)* Semester II, Session 2017/2018 at UTM Skudai.
- 03.03.2018 IE Cup 2018 was organized by YES IEM (Southern Branch) at Daiman Sri Skudai Sports Centre.
- 04.03.2018 Courtesy Visit to Office of Datuk Bandar, Majlis Bandaraya Johor Bahru (MBJB).
- 07.03.2018 IEM (Southern Branch) Lunar New Year 2018 Open House was held at Hotel Granada, Johor Bahru.
- 10.03.2018 Seminar on “Energy Saving with Advance Motor Control & Protection Technology” was organized by IEM (Southern Branch) in collaboration with Veritas Control Pte. Ltd at Grand Paragon Hotel, Johor Bahru.
- 15.03.2018 Half-Day Seminar on “MS IEC 62305 Series” was held at IEM (Southern Branch) Training Centre, Johor Bahru.
- 23.03.2018 – 24.03.2018 Infinity Charity: Be Their Superheroes. A Volunteer at Handicapped and Mentally Disabled Children Association, Johor Bahru, organized by IEM-UTM Student Section.
- 31.03.2018 IEM (Southern Branch) YES Blood Donation 2018 organized by YES IEM (Southern Branch) at Tasek Central, Skudai, Johor.



- 04.04.2018 Professional Engineer Talk organized by IEM-UTHM Student Section at UTHM, Batu Pahat, Johor.
- 07.04.2018 Workshop on “Log Book Training Scheme – Guidelines for Mentors” was held at IEM (Southern Branch) Training Centre, Johor Bahru.
- 12.04.2018 Participated in coordination meeting with JKR Johor for collaboration initiatives amongst Professional Engineers in Johor.
- 14.04.2018 Explore in Singapore. The program organized by IEM-UTM Student Section is an industrial and study visit to PUB, Singapore’s National Water Agency and National University of Singapore (NUS) and Singapore Polytechnic in Singapore.
- 14.04.2018 – 15.04.2018 Inter branches Visit between Southern Branch, Melaka Branch and IES was organized by YES IEM (Southern Branch). The visit included an industrial visit to DDG Glass Manufacturing Sdn. Bhd and Forest City was arranged. The objectives is to strengthen the bonding between Southern Branch, Melaka Branch and IES and also sharing on experience of events management.
- 15.04.2018 Courtesy Visit to the Office of the Vice Chancellor, Universiti Tun Hussein Onn Malaysia (UTHM), Batu Pahat.
- 27.04.2018, 04.05.2018 – 05.05.2018 Engineering Festival (Engine-Fest) 2018 organized by IEM-UTM Student Section at UTM Skudai, Johor Bahru.
- 28.04.2018 A Half-Day Seminar on “Lightweight Steel Framing System: A Sustainable Solution for Now and Future” was organized by IEM (Southern Branch) in collaboration with NS BlueScope Malaysia Sdn Bhd at Mutiara Hotel, Johor Bahru.
- 05.05.2018 Half-Day Technical Visit to Cemseal Industries Sdn Bhd at Taman Eko Perniagaan, Johor Bahru was organized by IEM (Southern Branch).
- 12.05.2018 IEM (Southern Branch) Community Cleaning Services at Pantai Tanjung Balau, Desaru, Johor.
- 12.05.2018 Participated in meeting with AEI NWG (ASEAN Engineering Inspectorate National Working Group) on the White Paper on Electrical Installation Standards in Buildings amongst ASEAN Countries.
- 26.05.2018 Half-Day Seminar on “Slope Stabilisation Solution and Retaining Wall System Application” was organized by YES IEM (Southern Branch) at Grand Paragon Hotel, Johor Bahru.
- 05.06.2018 Participated in Career Path Seminar Program 2018 organized by Johor Master Builders Association (JMBA) at Pei Chun High School, Pontian, Johor. The programme was aimed at providing information and introducing students to the Building Industry.
- 09.06.2018 A Talk on “Route to be Professional Engineer” was organized by YES IEM (Southern Branch). The talk was held in conjunction with YES IEM (Southern Branch) Annual General Meeting at IEM (Southern Branch) Training Centre, Johor Bahru.
- 09.06.2018 YES IEM (Southern Branch) AGM at IEM (Southern Branch) Training Centre, Johor Bahru.
- 30.06.2018 A Talk on “Solutions For Rehabilitation Of Buildings And Structures To Extend Service Life” was organized by IEM (Southern Branch) in collaboration with Mapei Malaysia Sdn Bhd. The talk was held in conjunction with the 45th Annual General Meeting of IEM (Southern Branch) at The Mutiara Hotel, Johor Bahru.
- 30.06.2018 The 45th Annual General Meeting (AGM) of The Institution of Engineers, Malaysia (Southern Branch) was conducted at at The Mutiara Hotel, Johor Bahru with an attendance of 170 members.
- 04.07.2018 707 YES Explore at Pulau Mawar, Mersing was organized by YES IEM (Southern Branch).
- 14.07.2018 Half-day Talk on “Adoption of IBS Mechanism in Malaysia Construction Industry & Achieving IBS with Fiber Cement Solution” was organized by IEM (Southern Branch) in collaboration with Hume Cemboard Industries Sdn Bhd at The Renaissance Hotel, Johor.
- 19.07.2018 – 22.07.2018 YES National Summit 2018. Four representatives from YES IEM (Southern Branch) participated in National Summit 2018 held at Kuantan, Pahang.
- 28.07.2018 Talk on “ASEANising Electrical Engineers” by Ir. Yau Chau Fong was organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
- 28.07.2018 Talk On “Overview of Changes/ Updates to Regulatory Requirement and Rules on Electrical Installations of Buildings” by Ir. Lim Kim Ten was organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.



- 09.08.2018 Evening Talk on “Post-Installed Rebar Design” was organized by IEM (Southern Branch) in collaboration with Hilti (Malaysia) Sdn. Bhd. at IEM (Southern Branch) Training Centre, Johor at Bahru.
- 18.08.2018 IEM (Southern Branch) Annual Dinner and Award Night 2018 was held at The Holiday Villa Hotel, Johor Bahru.
- 08.09.2018 Potluck 2018 was organized by YES IEM (Southern Branch) at Mount Austin, Johor.
- 08.09.2018 Half-Day Talk on “Development of Human Gait Monitoring and Assessment System” Ir. Dr. Tee Kian Sek at IEM (Southern Branch) Training Centre, Johor at Bahru.
- 13.09.2018 IEM Membership Recruitment Drive was held at UTHM, Batu Pahat, Johor.
- 18.09.2018 IEM-UTHM Student Section Welcoming Night organized by IEM-UTHM Student Section at UTHM, Batu Pahat, Johor.
- 22.09.2018 Half-Day Talk on “Moving Forward with Molecular Oriented (PVC-O) Pipes” was organized by IEM (Southern Branch) in collaboration with Molecor (SEA) Sdn Bhd at The Grand Paragon Hotel, Johor Bahru.
- 25.09.2018 Cycling Outing was organized by YES IEM (Southern Branch) at Taman Eko Flora, Johor Bahru.
- 29.09.2018 A Technical Visit to **Jurong Rock Cavern & Singapore Polytechnic** was organized by YES IEM (Southern Branch).
- 05.10.2018 Green Youth Warrior. A Visit To Singapore Botanic Garden and NTU was organized by IEM-UTHM Student Section.
- 06.10.2018 One-Day Seminar on “Introduction to Mechanical Splices” & “Precast Lifting and Connections” was organized by IEM (Southern Branch) in collaboration with Halfen-Moment Sdn. Bhd. at The KSL Resort Hotel, Johor Bahru.
- 18.10.2018 Talk on “Route to be MIEM/PEng” and Professional Engineer in conjunction with *Seminar Kejuruteraan Awam (SEMKA)* Semester I, Session 2018/2019 at UTM Skudai.
- 20.10.2018 Half-Day Talk on “Opportunities and Challenges of Robotics in Industry 4.0 in Malaysia” by Dr. Yeong Che Fai was organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
- 27.10.2018 A Half-Day Refresher Workshop for IEM (Southern Branch) PI Interviewers was organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
- 27.10.2018 Bowling Outing was organized by YES IEM (Southern Branch) at Daiman Bowl Taman Johor Jaya, Johor.
- 28.10.2018 Programming Workshop organized by IEM-UTHM Student Section at UTHM, Batu Pahat, Johor.
- 03.11.2018 Half-Day Seminar on “Advancement in Geotechnical Instrumentation and Monitoring” in collaboration with Geolab Ikram Sdn Bhd , Measurand Inc. and DECL Singapore Pte Ltd at The Puteri Pacific Hotel, Johor Bahru.
- 03.11.2018 Badminton Outing was organized by YES IEM (Southern Branch) at Daiman Sport Complex, Taman Johor Jaya, Johor.
- 10.11.2018 Half-Day Technical Visit to Industrialized Building System (IBS) Factory at Forest City, Gelang Patah, Johor.
- 12.11.2018 – 14.11.2018 Conference of AFEO (CAFEO 36) held at Resort World Sentosa, Singapore. The Branch Chairman, Ir. Teo Kiyuee and four representatives from YES IEM (Southern Branch) participated in CAFEO 36/AFEO held at Resort World Sentosa, Singapore.
- 23.11.2018 A Visit to Rumah Sejahtera Batu Pahat (Old folk’s home), organized by IEM-UTHM Student Section.
- 24.11.2018 One-Day Workshop on “Introduction to EPA Stormwater Management Model (SWMM)” by Mr. Chee Shai Choon was organized by YES IEM (Southern Branch) at IEM (Southern Branch) Secretariat, Johor Bahru.
- 29.11.2018 The Inter-Professional Golf Tournament. The golf tournament was hosted by IEM (Southern Branch), held at the Horizon Hills Golf & Country Resort.
- 30.11.2018 A Talk on “Route to be Professional Engineer”. The talk was held at MMHE, Pasir Gudang, Johor.
- 08.12.2018 Half-Day Seminar on “Steam Boilers Act and Regulations, Safety and Inspection” by Ir. Azman Bin Ahmad at IEM (Southern Branch) Training Centre, Johor Bahru.



17.3 Sabah Branch

- 17.3.1 A total of 11 Executive Committee meetings were held during the session. Numerous luncheon and afternoon meetings involving key office bearers were also held to resolve urgent matters from time to time.
- 17.3.2 Ir. James Yong Hon Min was elected as Branch Chairman for the session 2018/2019. This was announced during the 44th Annual General Meeting of the Branch on 27th October 2018. Total membership stood at 2,354.
- 17.3.3 During the session of 2017/2018, 19 courtesy calls were made to government agencies, Ministries and other professional bodies:
- Courtesy Call to Department of Safety and Health Sabah (DOSH) on 16th January 2018
 - Courtesy Call to Sustainable Energy Development Authority Sabah (SEDA) on 17th January 2018
 - Courtesy Call to Jabatan Air Sabah on 6th March 2018
 - Courtesy Call from Jabatan Bomba & Penyelamat Malaysia on 7th March 2018.
 - Networking Visit to Royal Institution Surveyor Malaysia, Sabah Branch (RISM) on 5th April 2018.
 - Courtesy Call to Polytechnic Kota Kinabalu on 24th May 2018
 - Courtesy Call to Kolej Teknikal Yayasan Sabah on 5th July 2018
 - Courtesy Call on District Officer of Penampang, Mr. Robert Stidi 5th July 2018
 - Courtesy Call on Sabah Chief Minister, YAB Datuk Seri Panglima Hj. Mohd. Shafie bin Hj. Apdal on 6th July 2018
 - Networking Visit from Sabah Energy Corporation on 18th July 2018.
 - Courtesy Call to Ministry of Education & Innovation Sabah on 7th August 2018
 - Courtesy Call to Department of Irrigation and Drainage Sabah on 7th August 2018
 - Courtesy Call on JKR Sabah Director, Datuk Ir. Hj Amrullah Bin Kamal on 10th August 2018
 - Courtesy Call to Ministry of Rural Development Sabah on 3rd September 2018
 - Courtesy Call to Sabah Electricity Sdn Bhd (SESB) on 5th September 2018
 - Courtesy Call to Ministry of Local Government and Housing Sabah (MLGH) on 25th September 2018
 - Courtesy Call to Ministry of Finance Sabah on 27th September 2018.
 - Courtesy Call on YB Awang Husaini Bin Datuk Sahari, Ahli Parlimen P.173 Putatan on 10th October 2018
 - Courtesy Call on YB Baru Bian, Minister of Works (Kementerian Kerja Raya) on 14th October 2018
- 17.3.4 The Branch collaborated with Sabah Engineers Association (SEA) and ACEM Sabah in organising the Technical & Business Study Tour "Eastern Europe + Slovenia & Croatia" on 3rd September to 18th September 2018 (16D13N). The study tour was joined by 24 participants
- 17.3.5 The Sub Committee reported a total of 53 Professional Interview applications processed. These consisted 26 from Civil, 5 Mechanical, 21 from Electrical and 1 from Electronic engineering discipline. To date, 21 applications are still in progress and 50 applications are referred back to HQ.
- 17.3.6 Mr. Michael Lee Cheong Heng served as the YES Chairman for session 2017/2018 since September 2017. YES had been active throughout the session by undertaking noble and meaningful activities. Among the activities completed during the session include:
- Soft Darts Friendly Match on 20th September 2017
 - YES Water Rafting Event at River Padas on 4th November 2017
 - In House Bowling Competition (for IEM Members only) on 27th January 2018
 - Volunteer Work at Kampung Takulung (Kota Belud) 3.5KM of Water Project on 17th March 2018
 - Blood Donation Drive at Palm Square Center Point Shopping Mall on 18th March 2018
 - IEM/YES National Summit hosted by IEM Pahang Branch on 19th to 22nd July 2018
- 17.3.7 The 14th IPB Games was organized with ten sports starting in May 2018 and concluded with closing ceremony on 29th September 2018. 7 professional bodies competed in the 14th IPB Games, with the Sabah Pharmaceutical Society (SPS) participating professional bodies for the first time. Leading by 17 points between first and second place, IEM was once again crowned as champion for the 3rd consecutive year.

Next IPBG games will be organised by Sabah Law Society (SLS) in 2020.

Overall Standings for IPBG 2018 (12th May 2018)

- | | | | |
|-------------|-------------|--------------|-------------|
| 1. IEM (62) | 2. MIA (45) | 3. RISM (43) | 4. PAM (42) |
| 5. MMA (37) | 6. SLS (37) | 7. SPS (24) | |



- 17.3.8 The Branch Technical Visit Committee had successfully organized nine technical visits namely to:
- IEM-WE Half Day Technical Visit to “1MW Solar Feed-in Tariff (FIT) Plant in Tuaran” on 3rd March 2018
 - Technical Visit to “Kota Kinabalu Wetland Ramsar Site” on 22nd March 2018, in conjunction with Sabah World Water Day 2018
 - Technical Visit to “Regional Sewage Treatment Plant (KK South Catchment)” on 22nd March 2018, in conjunction with Sabah World Water Day 2018
 - Technical Visit to “CLEAR’s Bamboo Rafting at Moyog River” on 22nd March 2018, in conjunction with Sabah World Water Day 2018
 - Half Day Technical Visit to “W.P5, Pan Borneo Highway, Stitching of Balanced Cantilever Girder Bridge” on 24th March 2018.
 - Half Day Technical Visit to “New Kota Kinabalu High Court Construction Site” on 25th May 2018.
 - One Day Technical Tour to “Royal Malaysian Navy Base Kota Kinabalu and IEM Building at KKIP” on 24th August 2018
 - Half Day Technical Visit to “Lido Flyover Construction Site” on 25th August 2018
 - Half Day Technical Visit to “SESB Load Dispatch Centre (LDC) on 20th October 2018.
- 17.3.9 During the session, the Seminar and Trainings Sub Committee had also collaborated with other organisations in organising various courses and talks.
- 17.3.10 IEM Sabah Toastmasters Club has been officially dissolved on 3rd July 2017. The existing members have been transferred to Technocrat Toastmaster Club with no further subsidy from IEM Sabah.
- 17.3.11 Activities undertaken by the UMS Liaison Sub Committee included:
- MOU with IEM is now ready for signing by the Vice Chancellor, IEM President and IEM Sabah Branch Chairman.
- 17.3.12 The Branch annual dinner was held on 24th November 2017 at the Grand Ballroom, Magellan Sutera Harbour Resort, Kota Kinabalu. A total of 91 tables were sold. The theme was “Smart Technology for Sustainability”. The Guest of Honour was YAB Datuk Seri Panglima Musa Hj Aman, the Chief Minister of Sabah.
- 17.3.13 The KKIP Building is now occupied by TAS Institute of Oil and Gas as a training centre. The tenant had built additional 2 storey classroom block and basic offshore safety induction training facilities at their own cost.
- 17.3.14 Among the activities undertaken by the Women Engineers (WE) were:
- WE Biennial General Meeting was held on 11th November 2017.
 - Organised the 41st IEMS Annual Dinner held on 25th November 2017.
 - WE Networking Luncheon held on 09th December 2017.
 - Participated in IEMS Inter-Professional Games Bowling Selection held on 27th January 2018.
 - WE Exco Meeting and Gathering held on 8th February 2018.
 - Organised IEMS / WE Half Day Technical Visit to “1MW Solar Feed-in Tariff (FIT) Plant in Tuaran held on 3rd March 2018.
 - WE Yoga Session at Borneo Fitness Academy, Kota Kinabalu held on 24th March 2018.
 - WE Berbuka Puasa held on 25th May 2018.
 - Organised a Professional Interview Workshop held on 2nd June 2018.
 - Organized an Air-conditioning System Technical Talk by Ir. Tan Yoke Lee held on 30th July 2018.
 - Courtesy Call to YB Isnaraissah Munirah Majilis, Deputy Minister of Energy, Science, Technology, Environment and Climate Change Ministry (MESTECC) on 23rd August 2018.
 - Engineering Career and Motivation Workshop at SMK Arshad, Kota Belud held on 22nd September 2018.
 - Technical Visit to SESB Load Dispatch Centre (LDC) and Technical Talk on SESB Power Grid System was conducted on 20th October 2018.
 - Technical Talk on Pump System has been conducted on 3rd November 2018.
- 17.3.15 IEM Sabah had participated in numerous meetings with governmental and non-governmental organisations. These meetings are intended to assist in the development of the State and which is able to ensure engineers and the engineering profession plays an important role in nation building. Among the meetings included:
- 1. DBKK**
- Traffic Technical Sub Committee Meeting.
 - High Risk Development Technical Sub Committee Meeting.
 - Kumpulan Fokus Urusan Permit Pembinaan (Focus Group Dealing with Construction Permits) bagi DBKK dibawah Program “1 State 1 DCP Champion”.
 - Mesyuarat Penyelarasan Aktiviti (Short Term Rental) AIRBNB dan Serviced Apartment.
 - Renewable Energy and Agricultural Techniques & Technologies Meeting
 - Meeting on Kajian Bandar Pintar Malaysia
 - Discussion on Collapse Building Canopy at Kg. Air Shophouses and Proposed Periodical Building Inspection Guideline



2. **JPS Sabah**

- Sabah World Water Day Conference and Exhibition 2018 Organising Committee meeting.

3. **Majlis Daerah Penampang**

- Mesyuarat Jawatankuasa Adhoc Traffic Site Plan (T.S.P) dan Traffic Impact Assessment (T.I.A)
- Mesyuarat Jawatankuasa 'High Risk Committee'
- Mesyuarat Membincangkan Isu Permohonan Kelulusan Sijil Menduduki (O.C.) The Garden, Bundusan

4. **Department of Standard Malaysia (JSM)**

- WG 1 on Determination of PGA for Malaysia under local and far field seismic conditions

5. **KKIP Investor Council (KIC)**

- Industries Emergency Mutual Aid (IEMA)
- 6th Annual General Meeting from KKIP Investors

6. **SHARED**

- Proposed 1/2018 Task Force Committee Meeting

7. **Local Council Meetings**

8. **Meeting with Central Board**

17.4 **Sarawak Branch**

- 17.4.1 Ir. Haidel Heli was elected as Branch Chairman for session 2018/2019. The membership of the Branch for year 2018 was 3,878 with 33 Fellow Members, 2 Senior Members, 703 Members, 666 Graduate Members, 3 Associate Members, 12 Companions, 5 Incorporated Members and 2,454 Student Members.
- 17.4.2 The Branch held its 50th Annual General Meeting on 30th June 2017 at Lecture Theatre, Swinburne University of Technology Sarawak Campus and a total 200 members attended the meeting.
- 17.4.3 The AGM of G&S IEM (Sarawak Branch) was held on 18th May 2018 at G407, Swinburne University of Technology Sarawak Campus. Ir. Stephanie Sim Hui Kheng and Ir. Jonathan Law Sie Ding were appointed as Election Officers to witness the election process.
- 17.4.4 The Branch held its Extraordinary General Meeting on 10th November 2018 at Lecture theatre, Swinburne University of Technology Sarawak Campus and a total of 152 persons (Corporate Member) and 6 persons (G&S) attended the meeting.
- 17.4.5 During the session, twelve (12) Branch Committee Meeting and eight (8) Graduate & Student Section monthly meetings were held to look into the management and activities.

For the period of January 2018 to December 2018, there were ninety-one (91) IEM Professional Interviews (PI) conducted. From this number, sixty-six (66) candidates are successfully interviewed; twenty-three (23) candidates are in progress to be interviewed; and two (2) returned to IEM HQ due to insufficient number of interviewers in that discipline.

The IEM (Sarawak Branch) together with the Graduate & Student (G&S) Section reported that during the session, it had actively organized the following activities:

Courtesy Visit

- 11.7.2018 **Courtesy call on YAB Chief Minister of Sarawak**
- 26.07.2018 **Courtesy Visit to IEM (Miri Branch)**
- 24.10.2018 **Courtesy Visit to State Attorney General Yang Arif Datuk Talat Mahmood Abdul Rashid**
- 06.11.2018 **Courtesy Visit to Director of Sarawak Branch, The Registration of Society, Malaysia**
- 04.12.2018 **Courtesy visit by Mega Jati Consult Sdn Bhd**

Social Activity/Gathering/Sport

- 20.01.2018 **IEM (Sarawak Branch) Internal Bowling Session 2018 - Committees, YES & Student Section**
- 30.06.2018 **IEM (Sarawak Branch) Annual Dinner 2018**
- 02.11.2018 **IEM Penang Branch 51st Anniversary Annual Dinner & Visit to IEM (Penang Branch) office**
- 04.11.2018 **IEM Engineer's Run 2018 - Bonding With Chemistry**
Co-Organized with IEM (Sarawak Branch) G&S Section



- 24.11.2018 IEM Sabah Branch 42th Annual Dinner
- 05.12.2018 Networking Dinner with Malaysia External Trade Development Corporation Corporation (MATRADE) - Invitation by MATRADE Sarawak Branch
- Technical Site Visit/Study Trip**
- 24.3.2018 Technical Tour to YMC Mesh Sdn Bhd
- 12 – 14.10.2018 IEM (Sarawak Branch) Study Trip to Kota Kinabalu Sabah
- 26.10.2018 Technical Visit to Bakun Hydroelectric Plant (HEP)
- Courses/Talks/Seminars/Workshop**
- 05 – 06.03.2018 2 Days Course on “(i) Power Quality in Electrical Installations of Buildings – Causes, Effects and Mitigations Techniques and (ii) Protection against Lightning to BS EN /IEC 62305”
- 13.03.2018 Half – Day Talk on Why Pre-Engineer Building? The Advantages of Green Buildings
- 20.03.2018 1 - Day Course on Digital Edition of Urban Stormwater Management Manual for Malaysia (MSMA) 2nd edition with SUSToM
- 14 – 15.04.2018 Technical Talks in Conjunction with IEM (Sarawak Branch) Engineering Expo 2018:-
1. **Overview of ASEAN Low Voltage Electrical Installation Regulation and Standards;**
Speaker: Ir. Yau Chau Fong
Attendance: 25 persons
 2. **Overview of Electrical Installations Standards BS 7671 and IEC 60364**
Speaker: Ir. Lim Kim Ten
Attendance: 26 persons
 3. **Technical Talk on Green Pavement Technology**
Speaker: Dr. Mah Yau Seng, Darrien
Attendance: 38 persons
 4. **Talk on Choosing Civil Engineering as Your Career Path**
Speaker: Mr. Ron Aldrino Chan @ Ron Buking
Attendance: 6 persons
 5. **Science, Technology, Engineering and Mathematics (STEM) for Sustainable Development**
Speaker: Prof Ir. Dr Andrew Ragai Henry Rigit
Attendance: 23 persons
 6. **Amcan Amtrus LGS system – A system for all with quality**
Speaker: Mr. Ting Sie Yew
Attendance: 28 persons
 7. **Reinforced Soil Wall and Slope with Geosynthetics**
Speaker: Ir. Jong Ching Joo
Attendance: 38 persons
 8. **Guideline on Peat Design**
Speaker: Ir. Tang Chok Khing, Vincent
Attendance: 60 persons
 9. **Workshop on Log Book Training Scheme – Guidelines for Mentees**
Speaker: Ir. Sim Hui Kheng, Stephanie
Attendance: 18 persons
 10. **Pavement Marking Best Practices & Traffic Signing Best Practices**
Speaker: Ir. Muhamad Syakir Bin Mahi Din
Attendance: 20 persons
 11. **An Overview on the Professional Engineers' Interview**
Speaker: Ir. Sim Hui Kheng, Stephanie
Attendance: 25 persons



12. Introduction to Safety and Health Assessment System in Construction (SHASSIC) & Implementation of Safety in Construction

Speakers: Mr. Kiew Siaw Hong, Mr. Jude Ting Mui Heng & Mr. Wan Habib Bin Wan Hamdan
Attendance: 14 persons

13. SEB Submission Guidelines

Speaker: Ir. Tan Joo Kok, Johnny
Attendance: 26 persons

14. Electrical Safety Rules

Speakers: Ir. Tan Joo Kok, Johnny & Mr. Gilbert Lai Mook Lim
Attendance: 16 persons

15. Winters Instruments Pressure / Temperature Gauges and Electromagnetic Flowmeter

Speaker: Mr. Chee Fui, Lew
Attendance: 16 persons

16. Application of Steel in Architecture and Structural – IBS System

Speaker: Ms. Suraya Johari
Attendance: 24 persons

17. Overview of Occupational Safety & Health (OSH) Legislations and General Duties of Architects, Engineers and Designers

Speaker: Mr. Lawrence C.F. Lee
Attendance: 16 persons

18. 4D BIM Planning

Speaker: Mr. Andy Tiong
Attendance: 31 persons

19. Usage of Geosynthetic Products on Soft Ground or Reinforced Slope & Swedsun Bridge Expansion Joint System

Speaker: Mr. Lian Y.K. Har & Mr. Robert Lee Eng Heng
Attendance: 33 persons

20. Construction Method of Bridges

Speakers: Mr Chan Weng Kong & Mr Jason Ng Ming Khin
Attendance: 10 persons

- 17.04.2018 **1 – Day Course on “Pile Foundation Testing and Analysis Method”**
Co-organized with IEM (Sarawak Branch) Graduate & Student Section
- 04 – 07.06.2018 **4 – Day Project Management Certification Course: PMP® Boot Camp**
Co-Organized with Career Growth Sdn Bhd
- 30.06.2018 **Technical Talk on Achieving Project Success through PMI PMBOK® Guide (in conjunction with 50th AGM 2018)**
- 05.07.2018 **One Day Seminar on Cold in Place Pavement Recycling (CIPR) Technology**
Co-organized with Wirtgen, Lebuhraya Borneo Utara & CMSB
- 10.07.2018 **Half – Day Technical Seminar On “Soft Ground Engineering Solution With Geosynthetics”**
Co-organized with Tencate Geosynthetics Malaysia Sdn Bhd
- 26.07.2018 **1 – Day Seminar on “Japanese Road Pavement Structure and Technology”**
Co-organized with TCIM Sdn Bhd and Sumitomo (S.H.I) Construction Machinery Co., LTD
- 06 – 09.08.2018 **Project Management Certification Course: PMP® Boot Camp**
Co-organized with Career Growth Sdn Bhd
- 18.08.2018 **Talk on “Bekalan Elektrik Luar Bandar (BELB) Sistem Mini/Mikro Hidro di Long Banga, Ulu Baram, Sarawak.**
- 20.08.2018 **Talk on Pneumatic Spillway Gates for Water Management: Water Storage, Flood Mitigation, Tidal Gates & the Archimedean Screw Pump for Flood Mitigation**
Co-organized with Sam McCoy Manufacturing Sdn Bhd
- 12 – 13.09.2018 **Short Course on “Application of Sarawak Stormwater Management (SUSToM) Guideline in Local Design & Practice”**
Co-organized with University College of Technology Sarawak, Sibiu



- 13 – 14.9.2018 **Seminar on “Airport Mechanical and Electrical Services Design and Construction”**
Co-Organized with Ibraco Construction Sdn Bhd
- 26 – 27.9.2018 **Contract Administration For Construction & Engineering Contracts**
Co-organized with IEM Training Centre Sdn Bhd
- 17.10.2018 **2018 MIDAS Technical Seminar for bridge and Structural Engineers in Kuching**
Co-Organised with Midas IT, Korea
- 22 – 23.10.2018 **BEM Safety and Health at Work**
Co-Organised with IEM Training Centre Sdn Bhd
- 24 – 26.10.2018 **2- Day Course on Ship Stability 1 & 2**
Co-Organised with UCTS SibU
- 31.10.2018 –
02.11.2018 **Wiring, Ducting & Automation in Shipbuilding**
Co-Organised with UCTS SibU
- 10.11.2018 **Technical Talk on PROJECT MANAGEMENT FRAMEWORK (IN-CONJUNCTION WITH EXTRA ORDINARY GENERAL MEETING)**
- 15.11.2018 **Steel Structures Symposium 2018: Adaptation of MS EN 1993-1-3 to Malaysian Construction Environment**
Co-Organized with MyCSI and Curtin University
- 21.11.2018 **One Day Technical Seminar on Airfield Pavement Design and Construction**
Co-Organized with Ibraco Construction Sdn bhd
- 21 – 24.11.2018 **Project Management Certification Course: PMP® Boot Camp**
Co-Organized with Career Growth Sdn Bhd
- 01.12.2018 **Awareness Talk and PI Workshop**
- 01.12.2018 **IEM Enhanced Professional Interview Training and Certification Workshop**
Co-Organized with Sub Committee on Membership Drive and Promotions (MDP) & PI Board IEM
- 07.12.2018 **Technical Seminar on R410a & R32 Products Installation, Maintenance & Trouble Shooting**
Co-Organized with Acson International
- 27.12.2018 **Awareness Talk & PI Workshop at SibU, Sarawak**
Conference, Summit conducted and participated in
- 19 – 22.7.2018 **NATIONAL SUMMIT (NATSUM) 2018**
- 06.11.2018 **IEM Conference on Plant Reliability**
- 12 – 14.11.2018 **YEAFEO & CAFEO 36, Singapore 2018**
- CSB Program**
- 17.11.2018 **Collaboration between IEM-MDA-Pink & Teal Empower Outreach**
Membership Recruitment Drive & Guidance Talk
- 29.06.2018 **St Joseph’s Private School Career Talk**
- 08.11.2018 **Program “Juh Berambah Ngan” SMT Sejangkat & Kolej Matrikulasi Sarawak**
- 09.11.2018 **Membership Recruitment Drive (MRD) at University College of Technology Sarawak (UCTS), SibU**
IEM Engineering Expo, Engineering Week and others
- 14 – 15.04.2018 **IEM Engineering Expo 2018 ‘Engineers, EmPOWERing our Nation’**
- 07.07.2018 **YOUNG INNOVATORS CHALLENGE (YIC) 2018**
- 12 – 18.08.2018 **IEM Engineering Week 2018**
- 25 – 26.08.2018 **SCIENCE Fair 2018**



17.4.6 Implementation of Electrical & Electronics Engineering to Electrical Engineering Conversion Programme in East Malaysia

This programme has been approved by BEM on 29.03.2015. Approval was obtained by Swinburne Executive Group and 10 Swinburne alumni joined Semester 2/2015 class for the Electrical Machine subject which is required by BEM in order to convert to Electrical branch.

A meeting with BEM Technical Advisor, Ir. Ashari was held on 23.02.2017 at BEM office in Kuala Lumpur. Representative from IEM (Sarawak Branch) are Ir. Vincent Tang, Ir. Dominic Ong and Mr. Jason Yeo. Approval letter dated 30.08.2018 was issued out by BEM to Swinburne University of Technology, Sarawak Campus to recognize the university as the institution to organize this conversion programme in Sarawak

17.5 Perak Branch

17.5.1 Ir. Abdul Razak Bin Ali was elected Branch Chairman for session 2018/2019. As at 31 January 2019, the membership of the Branch was 3,438 with 1 Honorary Fellow, 20 Fellows, 2 Senior Members, 421 Members, 533 Graduate Members, 12 Incorporated Members, 1 Associate Members, 1 Affiliate Members, 6 Companions and 2,440 Student Members.

During the session 2017/2018, twelve (12) monthly committee meetings were held to look into the management and activities of the Branch.

17.5.2 There were one hundred thirteen (113) candidates assigned to the Branch for their Professional Interview (PI).

17.5.3 The Branch conducted the following activities for the session:

- 27.01.2018 **Half Day Course on Energy Delivery System – Understanding Power Cables & Connections**
The course was delivered by Ir. Tan Chow Heang & Mr. Ng Choon Guan with 48 participants attended.
- 28.02.2018 **Talk on “Telescopic Connectors – total Solution for Precast Connection”**
12 participants attended the talk delivered by Mr. Gary Gonnah via teleconferencing from IEM HQ.
- 24.03.2018 **34th Annual General Meeting**
80 members attended the AGM held at IEM Perak Building, Jalan Lapangan Siber 1, Bandar Cyber
- 26.03.2018 **Talk on “Sustainability in Wet Sprinkler Testing, Monitoring & Maintenance”**
The talk delivered by Mr. Andy Wild was attended by 20 participants via teleconferencing with IEM HQ.
- 31.03.2018 **Seminar on “Electrical Services & Engineering Practice in Compliance to Rules & Regulations”**
The speakers were Ir. Loh Bak Kim and Mr. Apurba Ghosh. 47 participants attended the seminar.
- 05.04.2017 **Teleconferencing on “Comparison of Conventional Geotechnical Practice with EC7 & Malaysia National Annex for Design of Reinforced Concrete Gravity Retaining Wall” (CPD 2.0)**
- 27.04.2018 **“TECHNICAL TALK ON SOME KNOWLEDGE USEFUL FOR SOFT CLAY ENGINEERING”**
The talk delivered by Professor Yasuo Tanaka via teleconferencing with IEM HQ was attended by 10 participants.
- 12.05.2018 **Technical Talk on “Fundamental of Plant Maintenance Engineering”**
The talk was delivered by Ir. Anuar bin Abdul Rani and 21 participants attended.
- 16.07.2018 **“Talk on Ground Consolidation & Waterproofing in Underground Structures”**
The talk conducted via teleconferencing with IEM HQ was delivered by Mr Paulo Henrique Tsingos was attended by 13 participants.
- 28.07.2018 **Site Technical Visit to Polyware Sdn Bhd**
40 members attended in the technical visit
- 04.08.2018 **½ day seminar on “ProtaStructure 2018 - Unveiled Innovations in 3D Modelling Steel, concrete Design & Seismic Design Principals to Eurocode - Malaysian Annex BIM Technology for Coordination’s, Fabrications & Construction”**
34 participants attended the seminar delivered by Mr Nigel Watts & Mr Christian Bienner.
- 18.08.2018 **Technical Talk on Geosynthetic Cementitious Composite Mat (GCCM)**
The talk was delivered by Mr. Micheal Chong with 18 members attended.
- 19.08.2018 **Healthy Day at Kledang Hill by YES.**
15 participants attended in this activity.
- 29.09.2018 **Talk on “Trends & Development of Precast Concrete Arch Bridges in Malaysia”**
The talk delivered by Ir. Tan Geem Eng was attended by 32 participants.



- 16.10.2018 **Talk on “ROAD SAFETY INSPECTION (RSI) –An Introduction and moving forward” was held via teleconferencing with IEM HQ**
15 participants attended the talk delivered by Ir. Dr. Muhammad Marizwan Bin Abdul Manan
- 21.10.2018 **IEM Perak E-Run 2018**
Organised by YES Perak at Kinta Riverfront Hotel
- 21.10.2018 **IEM Perak Gala Dinner 2018 – Moving Towards Industry 4.0 was held at Kinta Riverfront Hotel, Ipoh**
Guest of Honor : YB Dato’ Seri Ir. Mohammad Nizar Bin Jamaluddin
- 10.11.2018 **Talk on SST 2.0 Awareness & Impacts on Construction Projects & Consultants**
50 participants attended the talk delivered by Ms Oon Seow Ling
- 21.11.2018 **Talk on “The Next Catalyst for Agriculture Smart Training”** delivered by Ir. Dr. Tan Chee Fai via teleconferencing with IEM HQ was attended by 7 participants.
- 17.6 **Malacca Branch**
- 17.6.1 Ir. Sreedaran Raman took over the chairmanship of the Branch at the 31st Annual General Meeting which was held at Kings Green Hotel on 31 March 2018. The Branch membership was noted at 1,458. There are 9 Fellows, 186 Members, 9 Companions, 260 Graduate Members, 3 Incorporated Members, and 991 Student Members registered as at 31 December 2018.
- 17.6.2 The Branch Committee conducted a total of 10 committee meetings for the year 2018. The meetings were conducted as and when required, to discuss events or activities. For the year 2018/2019, the Branch conducted the following activities:-
- 31.03.2018 Pre-AGM Talk on “4th Industrial Revolution: How Intelligent Machines will Transform Everything We Know” by Ir. Dr Tan Chee Fai. 31 members participated.
- 26.04.2018 Talk on “Electrical Installation Standards & Regulations in Buildings amongst ASEAN Countries” was attended by 19 members.
- 18.05.2018 Talk on Food Waste Digester (FWD) by YBhg Datuk Ir. Othman Abdul Rahim. The talk was attended by 12 participants.
- 05.06.2018 Forum on Erosion and Sedimentation Control Plan by YBhg Dato’ Ir. Fuad Embi with participation from 27 members.
- 19.06.2018 Melaka Professional Bodies meeting with Chief Minister of Melaka.
- 26.06.2018 Talk on Geosynthetic Cementitious Composite Material by Mr Micheal Chong was attended by 15 participants.
- 07.07.2018 Seminar on Mechanical Piping Solution & Application of Victaulic by Mr. Darien Phan. The seminar was attended by 32 participants.
- 11.07.2018 Courtesy Visit to REHDA Melaka
- 11.08.2018 Talk on ASEANising Electrical Engineers & Talk of Overview of Changes / Updates to Regulatory Requirement and Rules on Electrical Installation of Buildings – Ir. Yau Chau Fong and Ir. Lim Kim Ten. 21 participants attended the activity.
- 18.08.2018 Technical Visit to MITC Elevated Site with 12 members participating.
- 18.08.2018 On Day Workshop on Electrical Protection System and Introductory Course for DB Wiring presented by Mr Dahari Mat Siran. 41 participants attended the workshop.
- 11.08.2018 Technical Visit to CSC Steel Sdn Bhd participated by 24 members.
- 06.10.2018 Seminar on Moving Forward with Molecular Orientated (PVC-O) Piping by Mr Jason Lee. 31 participants attended the seminar.
- 19.10.2018 Technical Visit to Impressions City & Theatre Project attended by 40 participants.
- Meeting with IEM President, Ir. David Lai and Honorary Secretary, Ir. Mohd Khir bin Muhammad. 10 Committee members were present at the meeting.
- 27.10.2018 Briefing on Logbook Training Scheme – Guidelines for Mentors conducted by Ir Assoc Prof Abdul Talib bin Din. 20 Mentors attended the briefing.



- 17.11.2018 Visit to UTeM. 8 Committee members participated in the visit to have a dialogue with the Student Section.
- 24.11.2018 Workshop on PAM Contract 2018. 93 participants attended the workshop presented by Ar. Steven Thang Boon An, Ar. Tiong Kian Boon and Ar. Joseph Tan Meng Hooi.
- 30.11.2018 Seminar on “Welded Steel Fabric (Mesh) – Technical Specification MS145 and Reinforcing Steel – Technical Specification 146 in relation to the compliance of CIDB Act 520. 29 participants attended the seminar presented by Ir. Yap Kong Lim.
- 7.12.2018 Technical Visit to Julie’s Manufacturing Sdn Bhd. 15 members participated in the visit.
- 16.12.208 YES Bowling Tournament at Mahkota Parade Bowl.
Anniversary Appreciation Dinner at D’ Village Resort attended by 25 members and guests.
- 20.12.2018 Half-day Seminar on “Construction Claim on CIPAA2012” conducted by Mr Ben Lee Kam Foo was attended by 150 participants.
- 17.7 Negeri Sembilan Branch**
- 17.7.1 Ir. Dr Oh Seong Por was elected as Chairman for the session 2018/2019 at the Annual General Meeting of the Branch held on 27 July 2018.
- 17.7.2 The membership of the Branch as at 31 December 2018 was **1,833** comprising 12 Fellows, 272 Members, 12 Companions, 337 Graduate Members, 10 Incorporated Members, 1 Affiliate Member and 1,189 Student Members.
- 17.7.3 The Branch had successfully organised the following activities for the session under review:
- 08.04.2018 Refresher Course For Interviewer – ENHANCED PI
The workshop was delivered by Ir. Mohd Khir (Hons. Secretary, IEM) with attendance of 12 participants.
- 28.7.2018 25th Annual General Meeting
Deputy President Ir. Ong Chin Loon officiate the AGM with the 56 members attended
- 30 – 31.07.2018 Two Days Half Day Workshop Awareness On Enhanced PI Process
The workshop was delivered by Ir. Fam Yew Hin with attendance of 41 participants.
- 08.08.2018 Technical Visit: KIBING GLASS MALAYSIA
26 members have participated in the technical visit.
- 10.08.2018 MoU Signing with Manipal International University
Led by IEM President.
- 15.08.2018 Dialogue & Lunch with Menteri Besar Negeri Sembilan
This event was held in Royal Chulan Seremban with the presence of Menteri Besar NS, Director of JKR NS and 11 of IEMNS Committee Members.
- 20.09.2018 Courtesy Visit To President BEM – YBhg. Dato Seri Ir. Dr Roslan bin Md Taha
With the presence of President IEM, Ir. David Lai, Vice Chairman, Ir. Gopal and Honorary Secretary, Ir. Mohd Khir together with several IEMNS committee members led by Ir. Dr. Oh Seong Por
- 06.10.2018 Dialogue with Graduate Members- Interviewer Expectation of the Candidate during the Interview. The talk was delivered by Ir. Tiong Ngo Pu with attendance of 4 participants
- 13.10.2018 Half Day Awareness Talk & PI Workshop- Route to MIEM/ Professional Engineer
The workshop was delivered by Ir. Chen Harn Shean with attendance of 20 participants
- 20.10.2018 Dialogue Meeting with IEM President
IEM President, Ir. David Lai & IEM Hon. Secretary, Ir. Mohd Khir with IEMNS Chairman and several Committee Members
- 24.11.2018 Dialogue with ASEAN ENGINEERING INSPECTORATE
- 4 representative from ASEAN Engineering Inspectorate had a dialogue with IEM NS members
- 29.11.2018 Technical Visit: Kualiti Alam Waste Management Centre (WMC) & Environment Preservation Information Centre (EPIC). 45 members have participated in the technical visit.
- 15.12.2018 Construction Industry Payment And Adjudication Act 2012 (CIPAA)
The seminar was delivered by Lawyer, Mr. Yang Tek Yeh (Chartered Arbitrator, Adjudicator, Advocates & Solicitors High Court) with attendance of 18 participants



17.7.4 During the year the Branch also conducted Professional Interviews. These were summary for the year 2018.

No.	Discipline	Pass	Fail	Total
1	Agricultural	0	0	0
2	Civil	33	2	35
3	Electrical	18	4	22
4	Electronic	2	1	3
5	Instrumentation & Control	0	0	0
6	Manufacturing	0	0	0
7	Aerospace	0	0	0
8	Mechanical	28	2	30
	Total Candidate(s)	81	9	90

17.8 Miri Branch

17.8.1 Ir. Professor Dr Lau Hieng Ho was elected as the Chairman for session 2018/2019 at the 19th AGM on 3 March 2018. Membership of the Branch as at February 2018 was 453. The members included 14 Fellows, 75 Members, 1 Companion, 118 Graduate Members, 2 Incorporated Members, 1 Affiliate Member, 1 Associate Member and 241 Student Members.

17.8.2 The Branch Committee

Miri Branch's email address remains as iem.miri@gmail.com and the website is www.iem-miri.org.my. The Branch Facebook social media page, namely "The Institution of Engineers, Malaysia, Miri Branch" has been set up since 2015. To encourage paperless operation, the Branch introduced online registration for courses and activities in 2018.

IEM Miri Branch decided to purchase an office space and sourced for options with affordable price. Upon short listing and evaluating the options, a Special General Meeting (SGM) was called to decide to purchase the property. The SGM was held on 18 August 2018, Saturday, 11.30am at Mega Hotel, Miri Sarawak. In accordance with Section 45 and 46 of the Branch Rules and upon request by the Branch Committee, notice was given on 17 July 2018 for a Special General Meeting (SGM) of The Institution of Engineers, Malaysia (Miri Branch) held at Mega Hotel, Daffodil (5th Floor).

The Resolution was passed as below:

Cooperate Members Present: 27
Voted Agree: 27
Voted Disagree: 0

The decision to purchase the property at Unit 2-14, 2nd Floor, Level Two, Soon Hup Tower, Jalan Maju, 98000 Miri, Sarawak was unanimously agreed. Subsequently, the vendor offered to sell the office unit at RM250,000. IEM Miri Branch obtained financial assistance of RM 150,000 from IEM Head Office. The balance purchase price and legal fee was borne by IEM Miri Branch.

17.8.3 Professional Interview

A total of Five members were interviewed in 2018-2019 (4 Mechanical and 1 Electronic) for admission as Corporate Member of the Institution.

17.8.4 Fellowship and Community Outreach

IEM Miri Branch's outreach programme includes the yearly Engineer Your Career talk for secondary school students organised by YES and Engineering Week at Curtin University by IEM Miri Student Section. As part of the community engagement programme, IEM Miri Branch donated one unit of 2hp Air-conditioner to PiBakis (PDK) Lutong Center.

In commemorating IEM Miri Branch's 20th Anniversary, a Tree Planting Ceremony was officiated by YB Datuk Lee Kim Shin on 24 June 2018. A dinner dialogue session with IEM President Ir. David Lai was held on 4 March 2018. IEM Miri Branch hosted a Dialogue and Dinner Session with IEM Sarawak Branch on 26 July 2018 to enhance fellowship within the region.

17.8.6 Courses and Seminars

The Branch organised the following activities in 2018.

- 03.03.2018 19th Annual General Meeting for IEM Miri Branch at Mega Hotel, Miri.
IEM Miri Branch Biennial Dinner 2018 at Mega Hotel, Miri.
- 04.03.2018 Lunch Dialogue session with IEM President after IEM Miri Biennial dinner



- 11.03.2018 Ir. Professor Lau Hieng Ho, Chairman of IEM Miri represent IEM Miri to Program "Rabies Mass Vaccination" organised by Miri Resident Office.
- 12.03.2018 Power Quality Mitigations in Electrical Installations(wiring) of Buildings@Curtin University Malaysia.
- 16.03.2018 2018-2019 Executive Committee Meeting #1
- 26.03.2018 Public-Private Research Network (PPRN) Fund briefing @Curtin University Malaysia
- 28.03.2018 Ir William Representative IEM Miri dialogue session with Bomba Miri.
Evening talk on Fibre reinforced Polymer (FRP) systems
- 06.04.2018 Ir Professor Lau Hieng Ho & Ir Tian Foon Howe representative IEM Miri Branch handover 2 power hose Air-con to PiBakis (PDK)LutongCenter.
- 12.05.2018 2018-2019 Executive Committee Meeting #2
- 21.04.2018 IEM Engineering Design & Construct competition(EDCC) by Young Engineer Section(YES)
Chairman Dr Lau attended IEM HQ 59th AGM cum Annual Dinner at Sunway resort Hotel KL
- 24.04.2018 Courtesy Visit to Dato Goh Episo
- 04.05.2018 IEM Miri Biennial dinner appreciation dinner
- 19.05.2018 2018-2019 Executive Committee Meeting #3
- 24.05.2018 IEM President Visit IEM Miri Branch
- 25.05.2018 "The route to being a professional engineers' talk by Ir Chye Ing at Curtin University
- 26.05.2018 Engineer Your Career(EYC) 2018 by Young Engineer Section(YES) Miri
- 09.06.2018 Awareness Talk & Pi Workshop On Enhanced Pi Process
IEM PI 2018 Training and Certification Workshop Programme
- 24.6.2018 Tree Planting Ceremony to Commemorate 20th Anniversary of The IEM Miri Branch
- 25.06.2018 Road Safety Audit (RSA)&Traffic Management Plan (TMP) talk
Civil Engineering Research Conference 2018S1
- 28.06.2018 2018-2019 Executive Committee Meeting #4
- 30.06.2018 AEI Electrical NWG Courtesy Visit and Discussion with IEM Miri branch
- 24.07.2018 2018-201 Executive Committee Meeting #5
- 26.07.2018 Dialogue and Dinner with IEM Sarawak Branch
- 27.07.2018 IEM Membership Recruitment Drive at Sarawak Energy Berhad (SEB) Miri
- 04.08.2018 7th AGM for Young Engineer Section (YES) of IEM Miri Branch
- 10.08.2018 Talk on "The Construction of Bridge over BatangBaram, Long Lama"
- 11.08.2018 Technical Visit to Bridge over BatangBaram, Long Lama
- 18.08.2018 IEM Miri Branch Special General Meeting (SGM) at Mega Hotel
- 23 – 25.08.2018 Technical Visit to Kota Kinabalu, sabah
- 29.08.2018 2018-2019 Executive Committee Meeting #6
- 01.09.2018 Courtesy Visit cum Invitation to YB Datuk Lee Kim Shin as VIP for the IEM Miri International Digital Treasure Hunt @ 25 Nov 2018
- 27.09.2018 2018-2019 Executive Committee Meeting #7
- 06.10.2018 Talk on ASEANising Electrical Engineers
Overview of Electrical Installations Standards BS 7671 and IEC 60364



- 20.10.2018 Potential of Vapour Decontamination for Improving IAQ - Making Use of Tea Tree Oil: The Case of a Healthcare Facility
- 25.10.2018 2018-2019 Executive Committee Meeting #8
- 27.10.2018 Technical Talk on "Electrical Safety Rules "
- 02.11.2018 Chairman Dr Lau attended IEM Penang Annual Dinner
- 05.11.2018 Industry 4.0 Awareness Programme
- 17.11.2018 Technical Visit to Samling Housing Product
- 24.11.2018 IEM Miri Treasurer, Ir Sean attended IEM Sabah Annual Dinner
- 25.11.2018 2018-2019 Executive Committee Meeting #9
- 03.12.2018 IEM Membership Recruitment Drive at Sarawak Shell Berhad
- 18.12.2018 IEM Miri Branch participated in the Engagement Session with Sarawak State Bomba Director, YS PKPJB Khirudin Husaini
- 30.12.2018 2018-2019 Executive Committee Meeting #10
- 17.9 Kedah/Perlis Branch**
- 17.9.1 Ir. Abdullah bin Othman was elected as Chairman for the session 2018/2019 on 1 July 2018. Membership of the Branch as at 31 December 2018 was 2,473 comprising 9 Fellows, 276 Members, 9 Companions, 316 Graduate Members, 4 Incorporated Members, 1 Affiliate Member, 1 Associate Member and 1,857 Student Members.
- 17.9.2 Activities and Projects**
- The Branch organized the following activities for the session 2017/2018:
- 15.04.2018 Log Book Scheme Training For Mentor. 26 Mentors attended the training.
- 01.07.2018 Technical Talk on Proposed Development of KHTP Master Plan II conducted by Dato' Ir. Dr. Hj. Annuar bin Mohd Saffar. 31 participants attended the talk.
- Annual General Meeting of the Branch held at Dewan Seri Padi, Kompleks Latihan MADA Alor Setar
- 22.07.2018 Preparation for Professional Interview to become Corporate Member (MIEM) of IEM - Guidelines and Assessment of Professional Interview (PI/PAE) conducted by Ir. Dr Mohamad Shaiful. 20 participants attended the workshop.
- 03.09.2018 Courtesy Visit to office of EXCO YB. Ir. Zamri Bin Yusof. 9 Branch Committee Members attended the courtesy visit.
- 06.09.2018 Talk on "Moving forward with Molecular Oriented (PVC-O) Pipes" presented by Ir. Bryan Lee. 20 participants attended the talk.
- 30.09.2018 Refresher Course/ Workshop For Interviewers presented by Ir. Fam Yew Hin and Ir. Chen Harn Shean attended by 15 Professional Interviewers.
- Awareness Talk on Outcome Based Professional Interview (PI) to Graduates Members/ Engineers presented by Ir. Fam Yew Hin and Ir. Chen Harn Shean attended by 56 Graduate Members/Engineers.
- 22.11.2018 One Day Seminar On Traffic Impact Assessment and Road Safety Audit by Ir. Mohd Shahrom Bin Mohd Saman, Puan Norafniza Hanim and En Hafizan Bin Mohd Salleh. The seminar was attended by 115 participants
- 13.12.2018 Visit To Gurun HVDC Converter Station Gurun, Kedah. 12 members participated in the visit.
- 17.10 Terengganu Branch**
- 17.10.1 Ir. Abdullah Zawawi bin Mohamad Noor was elected as Chairman for Session 2019/2020 at the Special General Meeting held on 27 February 2019 at the Regency Waterfront Hotel. 34 members attended the AGM. As at 31 December 2018, the membership of the Branch stood at 1,609 comprising 5 Fellows, 138 Members, 4 Companions, 170 Graduate Members and 1,290 Student Members.



17.11 Kelantan Branch

17.11.1 Ir. Abrizan bin Ab Kadir was elected as the Chairman of the Branch for Session 2018/2019. The membership of the Branch is 1,852 members comprising 4 Fellows, 117 Members, 113 Graduate Members, 2 Incorporated Member, 3 Companion and 1,612 Student Members as at 14 December 2018.

17.11.2 During the session, six (6) committee meetings were held to discuss and manage the affairs of the IEM Kelantan Branch.

17.11.3 The following activities were held during the 2018/2019 session :-

27 – 28.02.2018 **Industrial Talk 2018**

This is a collaboration program between IEM Kelantan Branch and Polytechnic of Kota Bharu. The objective of this program is to give an overview from Islamic perspectives in construction sector.

28.02.2018 **Talk on “A Scanning Tour on Asphalt Innovations in The Netherlands” (CPD 2.0)**

This talk presents speaker’s personal experience to access innovative academic practices and asphalt technologies in European countries especially at Delft Technical University (TU Delft), Netherlands. The talk commence with pictorial tours to the Netherlands and what drives innovation in a small country. The presentation will largely looks into advanced asphalt technologies and innovations in the Netherlands. This includes; warm-mix asphalt, microscopic studies on asphalt mixes; self- healing; rollpave; semi-dense asphalt; decorative mixes; harvesting energy from asphalt pavements and developments of durable porous asphalt tom mitigate traffic noise.

29.03.2018 **6th Annual General Meeting (CPD 6.0)**

Annual General Meeting was held at Crystal Lodge Hotel, Kota Bharu and attended by 35 members.

29.06.2018 – 01.07.2018 **Lawatan Kerja JKR Kelantan dan IEM Cawangan Kelantan ke Jabatan Kejuruteraan Institut Teknologi Bandung**

This program discussed on; the Risk Management Process and Major causes of Fire Losses; the principles of combustion, and fire behaviour; the possible causes of fire and explosion and the principle of Clean and Non-Clean gaseous suppression systems and its application.

17.08.2018 **Induction and Direction of The Organization**

This program is a collaboration between Polytechnic Kota Bharu Kelantan whereby IEM Kelantan is invited to share about the ups and down in the career of Engineering and Quantity Surveying. The objective of this talk is to expose the student about the opportunity in the future while heighten their motivation to explore further in their respective field; Engineering and Quantity Surveying. The talk is participated by Diploma student from Civil Engineering and Quantity Surveying.

19.08.2018 **Course On “Concrete Technology: Portland Cement Free Concrete (CPD 6.0)**

The course covers the introduction of Portland Cement Free Concrete or geopolymer concrete and basic principles in the design mix, engineering properties as well as durability performance or application of the concrete. This includes materials preparation, design mix proportion, strength properties, durability performance at severe environments and structural applications. The aim of this green technology is looking forward to achieve a sustainable development in construction industry. At the end of the course, participants will be able to understand the geopolymer concrete as an alternative in construction materials.

06.09.2018 **Technical Visit to Pergau Dam Station, Jeli 1.0 (CPD 4.0)**

Pergau station or formally known as Stesen Jana Elektrik Sultan Ismail Petra is a hydroelectric power station in Kuala Yong, Kelantan, Malaysia. It is located about 100 km west of Kota Bharu. The power station is an underground hydroelectric power station, using 4 turbines each with 150 MW of installed capacity. The station is operated by Tenaga Nasional which holds the power of FAZ. The construction, which was undertaken by Balfour Beatty and Cementation International, started 1991 and completed in 2000. The dam began operation on 2003 and was officially opened in 2003. It is considered the smallest power station and is capable of generating 600 MW of electric power. Besides, it has the second largest hydroelectric generation installed capacity in Malaysia, after the 2400MW installed capacity at Bakun Hydroelectric Project in Sarawak.

This technical visit allows visitors to understand about:

- The operation method of the Sultan Ismail Petra Dam Station;
- It’s maintenance and safety aspects of operation;
- The role and function of the dam during the flood.

12.09.2018 **Technical Visit to Pergau Dam Station, Jeli 2.0 (CPD 4.0)**

The objective of this visit is similar to the previous visit where it expose the engineers to the operation method of the dam station; the maintenance and safety aspects of operation.



- 25.09.2018 **Talk on “ Innovations and Benefits in Lightweight Cold Form Steel Systems” (CPD 7.0)**
This sharing session covers on three engaging topics on Light Gauge Steel Framing: Mega Building Systems; Energy-Saving Initiatives in Water Supply Industry and Innovations and Benefits in Lightweight Cold Form Steel Systems. The talk delivered by three (3) knowledgeable speaker. They are Ir. Hj. Wan Mohd Zamri Bin Wan Ismail, Nor Azlan Bin Ayub and Ms. Suraya Johari.
- 25.09.2018 **National Conference on Mechanical Engineering 2018 (NCME’ 18)**
This conference is a collaboration program between JKR Kelantan, Polytechnic Kota Bharu, IEM Kelantan Branch and a few more organizers. The objective of this conference is to provide a platform to Engineers and Scholars to present their research and also the about the problem and solution within the project they handled. Besides, this conference focusing on how Industrial Revolution 4.0 is applied.
- 03.10.2018 **Innovations and Exhibition 2018 (INNOTEX 2018)**
This program is organized by Polytechnic Kota Bharu and IEM Kelantan is invited as an Assessor and Advisor to the Exhibition of Final Project from student Diploma of Civil Engineering and Diploma of Quantity Surveying.
- 03.10.2018 **CSR Activity- Surau Al- Ikhlas, Mukim Peringat, Kota Bharu**
It is a community contribution of IEM Kelantan Branch with Polytechnic Kota Bharu students. The Kelantan IEM party is responsible for monitoring and advising students in the implementation of plumbing, wall construction and installation of floor tiles.
- 07.10.2018 **Professional Talk: Road to Professional Engineer**
This workshop serve as a guidelines to Graduates Engineers on how to apply for a Professional Interview and also the guidelines in preparing the report.
- 25.11.2018 **Awareness Talk& PI Workshop on Enhanced PI (CPD 5.0)**
The workshop cover on; Purpose of Enhanced Professional Interview Process; Guidelines for Professional Interview and also Regulations of Professional Conduct. This workshop serve as clarification session for graduates engineers and also “would-be” Interviewers.
- 04.12.2018 **Courtesy Visit to KOLEJ KEMAHIRAN TINGGI MARA, Pasir Mas**
IEM Kelantan courtesy visit to KKTM in discussing joint programs for future. The KKTM also offers a hall / lecture room for IEM Kelantan to use in carrying out IEM Kelantan activities without charge.
- Talk on “Overview of Changes/ Updates to Regulatory Requirement and Rules on Electrical Installations of Buildings” and “ASEANising Electrical Engineering” (CPD 4.0)
- There are significant changes/ updates on requirement and rules on electrical installations of building complying with MS IEC (IEC) 60364 Electrical Installations for Buildings. Therefore, this talk shall provide an overview of these requirement and rules on electrical installations of buildings.

17.11.4 YES SECTION

The YES Section of the IEM Kelantan Branch has been supported for all the activities organized by IEM Kelantan Branch.

17.12 Pahang Branch

- 17.12.1 Dato’ Ir. Sharuddin Bin Mohd Simin was re-elected as Chairman for session 2018-2019. Membership of the Branch as at 31 December 2018 was 1,731 comprising 5 Fellow Members, 1 Senior Member, 151 Members, 1 Companion, 235 Graduate Members, 2 Incorporated Members, 1 Affiliate Member, 2 Associate Members and 1,731 Student Members.

17.13 Young Engineers Section

- 17.13.1 Mr. Yew Weng Kean Grad.IEM was appointed as the Chairman of Young Engineers Section for session 2018/2019 on 30 June 2018 at the IEM YES 48th Annual General Meeting.

17.13.2 Membership

The membership of the Section now stands at 31, 680 members. The comparative figures for the last 3 years are as follows:

Grade	2016	2017	2018
Graduate	9,735	8,932	8,901
Student	19,650	22,748	26,053
	29,385	31,680	34,954

17.13.3 Activities

The 48th Annual General Meeting for was held on 30 June 2018 at Wisma IEM, Petaling Jaya at 2:00pm. A total of 47 members attended this meeting.



17.13.4 Professional Development Portfolio

IEM STEM Competition 2018 was supported by YES in conjunction with IEM Engineering Week 2018 which was held at Monash University Malaysia, Petaling Jaya on 18 August 2018 with participation of 24 schools from Klang Valley. The event was officiated by YBhg Prof. Dr. Arham Abdullah Director Industry Relation Division Ministry of Higher Education on behalf of YBhg. Datin Paduka Ir. Dr. Siti Hamisah Tapsir (Director General of Higher Education of MOHE).

YES in collaboration with the Geotechnical Engineering Technical Division had organised a One Day Course on Geotechnical Engineering on 18 December 2018 with attendance of 49 participants.

17.13.5 Social and Community Portfolio

- YES had organised a hiking activity on 20 January 2018, attended by 40 participants.
- YES in collaboration with IEM Project Management Technical Division (PMTD) and the Institution of Fire Engineers UK (Malaysia Branch) had conducted Fire Drill at Maahad Tahfiz Wal Ulum Al-Ghazaly, Puchong with attendance of 30 participants.
- IEM YES Chinese New Year Gathering 2018 was held on 2 March 2018 at Bangunan Ingenieur, Petaling Jaya and attended by more than 40 members.
- YES in collaboration with IET had organised a Futsal Session on 24 March 2018 at PJ Futsal Center with participation of 5 teams.
- IEM YES Raya Gathering 2018 was organised on 30 June 2018, in-conjunction with YES 48th Annual General Meeting which was attended by more than 80 members.
- In conjunction with IEM Engineering Week 2018, YES in collaboration with Standing Committee on Welfare & Service Matters and Sub-Committee on IEM Engineering Week 2018 had supported the IEM Engineer's Run 2018 at Pusat Sukan UPM, Serdang, Selangor with attendance of more than 1200 runners.

17.13.6 Publicity Portfolio

IEM YES continued to promote and update their blog. The new YES blog address had been initiated. This (<https://iemyoungengineerss.wixsite.com/iemyes>) are for members to post the latest IEM YES news. The IEM YES Blog contain information of the activities conducted or organised by IEM YES. The portfolio kept members informed of IEM YES activities through their e-mail announcement group YES and YES Facebook.

17.13.7 Student Affairs Portfolio

On matters relating to student affairs, IEM YES continued to be actively involved in various projects in local universities through the IEM Student Sections. Several membership drives were organized and carried out in collaboration with the IEM Sub-Committee on Membership Drives. IEM YES Committees also participated and supported activities organised by the universities. The universities visited in 2018 are Universiti Tenaga Nasional, Universiti Tunku Abdul Rahman, Universiti Tun Hussein Onn Malaysia, Asia Pacific University, Nottingham University and Multimedia University.

17.13.8 Graduate Affairs Portfolio

The Graduate Affairs Portfolio focused more on the need of graduate members and had organized series of talk and professional Interview workshops as well as several membership drives.

YES National Summit 2018 & YES 7th Engineering Students National Summit was organized by IEM YES Pahang. It was held on the 19-21 July 2018 in Kuantan, Pahang. This event was a great success. More than 100 young engineering leaders from all the IEM Branches and universities throughout the country gathered together for a brainstorming session and once a year get-together.

17.13.9 External Affairs Portfolio

In an effort to broaden the networking of IEM YES members, several activities and meet up session were held under the Young Professional Alliance (YPA) which consists of professionals including Doctors, Lawyers, Pharmacist, Engineers and Architects.

YES representatives, including the Chairman had attended a technical visit/sharing session to Taiwan on 15-18 March 2018.

10 members from IEM YES (including from branches) participated at the Young Engineers ASEAN Federation of Engineering Organizations (YEAFO) 2018 in Singapore from 12-14 November 2018.



17.14 Women Engineers Section (WE)

Under clause 9 of Rules of the Women Engineers Section at the 60th meeting held on 9th August 2018, the WE Committee unanimously confirmed Ir. Mah Siew Kien as Chairman and Ir. Rusnida binti Talib was elected as Vice Chairman I, while Ir. Tan Loo Yen was elected as Vice Chairman II for session 2018/2019.

The section continues to play an active role in promoting and supporting women engineers. The section works to advance gender equality in STEM studies and engineering careers through various activities. In 2018, IEM WE Section hosted "The 2nd International Conference of Women in Science, Engineering and Technology" (WiSET 2018) from 17th to 19th July 2018 at the Kuala Lumpur Convention Centre (KLCC). The event was officiated by YB Hannah Yeoh, Deputy Minister of Women, Family and Community Development and attracted 174 delegates. The delegates also adopted the resolution to support the United Nation's SDG5 on women's effective participation and equal opportunities for leadership, as well as to recognise, nurture and value emerging female talent in STEM.

The conference also increased women in STEM's visibility in the media as it was featured on The Bigger Picture Segment with BFM89.9 (The Business Radio Station), "Selamat Pagi Malaysia" on RTM TV1 and "Wanita Hari Ini" on TV3. The conference brought together academics and practitioners of various STEM related industry to discuss and look for ways to help alleviate women for leadership as well as promote interest in STEM not only amongst girls but also the whole community in general.

Main speakers for the conference were:

- Ms Gail Mattson, President of the International Network of Women Engineers and Scientist from USA
- Datuk Prof Asma Ismail, President of Academy of Sciences Malaysia
- Dato' Sr Lau Wai Seang, Immediate Past President of the Royal Institution of Surveyors, Malaysia
- Dr. Khin Sandar Tun, Vice President of Myanmar Engineering Society
- Dr. Marcella Lucas, CEO of LeadWomen

IEM WE Section organised many personal development talks, technical talks in IEM premises and also jointly organised a women empowerment forum with National Association of Corrosion Engineers (NACE FMS) and Institute of Materials, Malaysia (IMM) where Ms Elaine Bowman, first woman to serve as President of NACE International was a panel speaker.

In 2018, IEM-WE stepped up efforts to inspire more young girls to enter STEM and participated in many activities such as science fair, talks, workshop, carnivals in schools, public libraries and shopping malls. The section has been playing a significant role in supporting National STEM Movement. IEM WE, through IEM STEM Promotion Sub Committee also participated in the STEM Carnival@Da Men Mall, the Selangor state-level Minggu Sains Negara and Kuala Lumpur Engineering Science Fair 2018, one of Malaysia's largest science fair held annually to promote STEM.

Outreach activities for 2018 were:

- "Jom Masuk Aliran Sains", PPAS, 13 January 2018
- Science Fair, The School, Jaya One, 27-28 January 2018
- STEM Carnival, SMK Sri Andalas, Klang, Selangor, 7 February 2018
- ADNI Islamic Integrated School, Ampang, Selangor, 7 February 2018
- Set-up STEM toy library at a Tadika Cilik Al-Fateh 3 in Kulai, Johor, 14 March 2018
- Minggu Sains Negara, STEM Carnival@Da Men Mall, 6-8 April 2018
- UiTM One-Day Mentorship Program 2018, UiTM Shah Alam, Selangor, 2 May 2018
- IEM WE STEM Family Day, 21 July 2018
- Iconic Footbridge Competition, STEM Carnival at UiTM, 28 August 2018
- Charity visit to United Learning Center for refugee kids, 22 September 2018
- Kuala Lumpur Engineering Science Fair 2018 at MIECC, 2-4 November 2018
- STEM is fun for Girls@Google, 17 November 2018

Ir. Mah Siew Kien served as Secretary-General of WEAFFEO at CAFEO 36 in Resort World Sentosa, Singapore from 12-14 November 2018. The WE Section also participated actively in other international and regional networking sessions. Ir. Mah Siew Kien represented the Section at the following international events:

- INWES-APNN Meeting at Hanoi, Vietnam, 18-20 October 2018
- CAFEO 36, Sentosa, Singapore, 12-14 November 2018

Dr. Teow Yeit Haan and Pn. Noorfaizah binti Hamzah represented Malaysia in the Young Women Scientists Camp, an annual programme by the Association of Korean Woman Scientists and Engineers (KWSE) from 24-26 August at Daejeon, South Korea.

IEM WE also championed JURUTERA April 2018 issue with the theme "Convergence, Inclusion & Diversity".

The activities of this Section are tabulated and summarised in the summary of events of this Annual Report.



18 TECHNICAL DIVISIONS

18.1 Building Services Technical Division (BSTD)

18.1.1 Under provision 3.2 and 3.3 of the Rules, the Building Services Technical Division (BSTD) Committee at the 318th meeting held on 13th July 2018, unanimously agreed to re-elect Ir. Wong Win Heng as the Chairman and elected Ir. Yap Chee Hong as the Deputy Chairman for the session 2018/2019. The meeting also unanimously agreed to appoint Ir. Ir. Wong Chu Loong as the Advisor for the new term.

18.1.2 The Technical Division held its 32nd Annual General Meeting in conjunction with a Pre-AGM Talk on “Pre Inspection and Testing on TNB Infrastructures”, presented by Mr Harpeet Singh on 11th August 2018.

Eighty-eight (88) members attended the 32nd AGM, while one hundred twenty-one (121) members and non members attended the Pre-AGM Talk. At the 32nd AGM, Ms Sofia Johari was re-elected as the Secretary / Treasurer.

18.1.3 The Division continued to play an active role in maintaining a leading role in promoting closer interaction and co-operation amongst the various professional groups such as governmental agencies, professional bodies, academic institutions and universities by serving as Committee members in these organisations.

18.1.4 The Committee members were also involved in various activities related to the division like drafting of Malaysia Standard with SIRIM, as IEM representative in CIDB and in various government agencies.

18.1.5 The Division as in the past continued with the close rapport with MASHRAE, the local counterpart of American Society of Heating, Refrigeration and Air-Conditioning Engineering, US in organising joint activities for both members and also collaboration with other companies in organizing talks for IEM members.

18.1.6 2018 has been a successful and active year for the Technical Division. The Technical Division organised four (4) talks, four (4) visits, eleven (11) paid activities and successfully organised IEM Golf Tournament on 7 July 2018 with 124 participants at Kelab Rekreasi Tentera Udara (KRTU).

18.1.7 The Division will continue to play an effective role in organising activities for members in the building services interest. The activities organised by the Division were summarised in the summary sheet of this Annual Report.

18.2 Chemical Engineering Technical Division (CETD)

18.2.1 Ir. Dr Lee Tin Sin was re-elected as the Chairman, while Ir. Dr Chong Chien Hwa was elected as Deputy Chairman respectively for Session 2018/2019. The position of Chairman and Deputy Chairman was elected at the 211th meeting of the Division held on 22nd September 2018.

The AGM was attended by 82 members. Throughout Session 2018/2019, the Division was active in organising various activities for its members.

18.2.2 Regular monthly committee meetings were held to plan for various activities. The activities of the Technical Division are given in the summary sheet.

18.2.3 The Division continued to organise Malaysian Chem-E-Car Competition. On 30th and 31st March 2018, the 13th Malaysia Chem-E-Car Competition was held at TATI Universiti, Terengganu with 252 participants forming 63 teams. The competition consisted of two categories, i.e. model car and poster evaluation. The winning team in the car competition was “MAXIMUS” from UCSI University.

The competition had provided good exposure as well as created tremendous interest in various institutions of higher learning (IHLs) with a number of them stepping forward to indicate interest to host the next competition. The Division is looking at ways to improve the competition in the future.

18.2.4 IEM Chemical Engineering Design Competition 2017/2018 was organised for the sixth time by CETD, and had attracted 19 teams from the higher learning institutions nationwide. 8 teams were successfully shortlisted and participated in the Final Poster Presentation held on 12 May 2018 at Wisma IEM, Petaling Jaya.

18.2.5 CETD has organised the 3rd Junior Chem-E-car Competition 2018 together with Sekolah Kebangsaan Presint 18 (1) Putrajaya on 2nd and 3rd November 2018 at Mines Convention Centre. This competition aims to challenge students of primary schools to design and construct a small-sized car that is fabricated from reusable/recyclable items such as ice-cream sticks, bottle caps and straws. The event was held successfully held with the total of 40 teams from all over Malaysia.

18.3 Civil and Structural Engineering Technical Division (CSETD)

18.3.1 Under provision 3.2 and 3.3 of the Rules, the Civil and Structural Engineering Technical Division (CSETD) Committee at the 276th meeting held on 26th June 2018, unanimously elected Ir. Chong Chee Meng as the Chairman and Ir. Loh Kai Wah as the Deputy Chairman for the session 2018/2019. The meeting also unanimously agreed to appoint Ir. Dr. Ng Soon Ching as the Advisor for the new term.



- 18.3.2 The Technical Division held its 32nd Annual General Meeting in conjunction with a Pre-AGM Talk on title “Ultra-High Performance Fiber Reinforced Concrete (UHPFRC) – Technology for the Present and Future” by Ir. Dr. Adj. Associate Professor Voon Yen Lei on 14th July 2018.

One hundred twenty-one (121) members attended the 32nd AGM, while one hundred and forty (140) members and non members attended the Pre-AGM Talk. At the 32nd AGM, Ir. Lo Seng Ling was re-elected as the Secretary / Treasurer for the term.

- 18.3.3 The Division continued to play an active role in maintaining a leading role in promoting closer interaction and co-operation amongst the various professional groups such as governmental agencies, professional bodies, academic institutions and universities by serving as Committee members in these organisations.
- 18.3.4 Members of the Division continued to serve as IEM Representatives in various Technical Committees (TCs) and Working Groups (WGs) in Department of Standard Malaysia, SIRIM, CIDB, MTIB, DBKL and in various government agencies.
- 18.3.5 As in the past, the Division continued the close rapport with Institution of Structural Engineers (Malaysia Division) (IStructE) in organising joint seminars, courses and talks for members of both Institutions and collaboration with universities for Competitions & Talks.
- 18.3.6 2018 has been a successful and active year for the Technical Division. The Technical Division organised fifteen (15) talks, five (5) visits and eight (8) paid activities. The “Civil & Structural Engineering Technical Division Prestige Talk” with title “TN50 Green – Aspirations for Enginnering Fraternity” by Y.Bhg. Dato’ Prof. Ir. Zaini Ujang was successfully held on 1 March 2018 and attended by sixty nine (69) participants.
- 18.3.7 The Division will continue to play an effective role in organising activities for members in the Civil Structural Engineering interest. Numerous write-ups on evening talks/seminars/courses were published in the IEM Jurutera Bulletin and in IEM’s Portal for the benefit of members who were unable to attend these events. The activities organised by the Division were summarised in the summary sheet of this Annual Report.

18.4 Electrical Engineering Technical Division (EETD)

- 18.4.1 The 33rd Annual General Meeting of the Electrical Engineering Technical Division was held on 5th May 2018 (Saturday) at 11.00 a.m. at the Tan Sri Prof Chin Fung Kee Auditorium, Level 3, Wisma IEM, Petaling Jaya, Selangor Darul Ehsan and was attended by 131 members.

As per the tradition, the AGM began with a Pre- AGM Talk on “Sustainable Energy Policy in Malaysia – What’s Next?” which was presented by Ir. Akmal Rahimi Abu Samah, the then Chief Operating Officer (COO) of Sustainable Energy Development Authority (SEDA) Malaysia. A total of 138 participants attended the Pre-AGM talk.

- 18.4.2 Ir. Chong Chew Fan and Ir. Francis Xavier Jacob were re-elected as Chairman and Deputy Chairman of the Division respectively during the 319th meeting of the Division held on the 12th April 2018. During the AGM, Ir. Yau Chau Fong was invited to serve as Advisor of the Technical Division for Session 2018/2019. A total of 6 general members were elected for this new session with 5 co-opted members.
- 18.4.3 The EETD Committee members actively represented IEM at numerous meetings such as Working Groups and Technical Committee meetings organised by outside organisations, government and professional bodies such as Suruhanjaya Tenaga, SIRIM Berhad, TEEAM, trainings and others.
- 18.4.4 EETD Committee members have embarked on some new activities, one of it being the spearheading of the Position Paper Statement Committee Working Group for the topic “Building Railway Engineering Capacity for The Future”
- 18.4.5 One of the main highlights of 2018 was the IEM-Standards Malaysia-Suruhanjaya Tenaga ASEAN Electrotechnical Symposium & Exhibition 2018, which completed successfully on 4th - 5th December 2018. A total of 564 participants attended the event and 39 exhibitors showcased their products for two days as well.
- 18.4.6 The Division continued to organise various activities for the members such as visits, talks, dialogues with other bodies and seminar/courses. Details of the activities organised are captured and highlighted in the summary sheets of this Annual Report 2018.

18.5 Environmental Engineering Technical Division (ENETD)

- 18.5.1 Under the provision of 3.2 and 3.3 of the Rules of the Division, and at the 274th Committee meeting held on 28th June 2018, Ir. Choo Chee Ming was re-elected as the Chairman and Ir Tang Boon Heong as Deputy Chairman for Session 2018/2019.
- 18.5.2 The 26th Annual General Meeting of the Division held on 28th July 2018 was attended by 84 members. In conjunction with the 26th Annual General Meeting, a talk entitled “WASTE TO WEALTH” by Ir. Mohamad Adan was held which attracted 90 members.
- 18.5.3 The activities of the Division are highlighted in the summary sheet of this Annual Report.



18.5.4 The Division continued to maintain good working relationships and rapport with governmental agencies and professional bodies by serving in their Technical Committees such as SIRIM, CIDB, BEM, SPAN, DOSH, MOSTI and DOE by serving as IEM representatives.

18.6 Geotechnical Engineering Technical Division (GETD)

18.6.1 Under provision 3.2 and 3.3 of the Rules of the Division, the 12th Committee Meeting held on 4th June 2018 unanimously re-elected Ir. Lee Peir Tien and Ir. Sin Peng Tean as the Chairman and Deputy Chairman respectively for the session 2018/2019.

18.6.2 The membership of the Division had decreased from 1,375 members in 2017 to 1,345 members in 2018 (as of 5th June 2018). This decrease is due to suspended members who did not pay the 2018 IEM Annual Subscription.

18.6.3 The 29th Annual General Meeting of the Division was held on 9th June 2018 and attended by 109 Members. A Technical Talk on Geotechnical Engineering Analysis and Design - A Personal Journey was presented by Ir. Dr Ooi Lean Hock in conjunction with the AGM.

18.6.4 The Technical Division held its regular monthly meetings on every second Monday of the month with 12 monthly meetings to plan, discuss matters pertaining to geotechnical practices and co-ordinate the implementation of the various activities during the session.

18.6.5 For the year 2017, the Division managed to achieve top score in organising technical talks and seminars and was awarded as the winner for the IEM Presidential Award of Excellence.

18.6.6 The Division continued to invite distinguished and international speakers to share their knowledge and expertise with the members.

18.6.7 With the efforts from GETD, a total of 15 talks, 4 technical visits and 10 paid activities were organized during the session. The activities of the Division are highlighted in the summary sheet of this Annual Report.

18.6.8 The Division continue to extend its collaboration and jointly organised events with the following regional societies and branches:

- a) Young Engineers Section, IEM
- b) IEM Penang, IEM Sabah and IEM Sarawak.

18.6.9 Other involvements by the Divisions towards the outside organisations include:

1. SIRIM: Working Group (WG) 1 on Section 4 to 9 (Revision of MS 2038) for BS 5930:2015
2. SIRIM: Working Group (WG) 2 on Section 1 to 3, Section 10 and 11 (Revision of MS 2038) for BS 5930:2015 – Chairman: Ir. Yee Thien Seng

Alternate representative: Ir. Balakrishnan ETTY Gaunder.

18.6.10 Other involvements by the Division towards outside organisations include:

1. SIRIM: Working Group (WG) 1 on Section 4 to 9 (Revision of MS 2038) for BS 5930:2015
2. SIRIM: Working Group (WG) 2 on Section 1 to 3, Section 10 and 11 (Revision of MS 2038) for BS 5930:2015 – Chairman: Ir. Yee Thien Seng
3. HKIE-IEM-CIE Tripartite Seminar

18.7 Highway and Transportation Engineering Technical Division (HTETD)

18.7.1 Under provision 3.2 and 3.3 of the Rules of the Division and at the 265th Committee meeting held on 9th September 2018, the Committee Members present re-elected Ir. Richard Wong Chuen Fun as Chairman and Ir. Prof Dr Khoo Hooi Ling as the Deputy Chairman respectively for session 2018/2019.

18.7.2 The Division held its 27th Annual General Meeting on 3rd November 2018. A total of 78 members attended the AGM. Prior to that, 60 members attended the Pre-AGM Talk on “The iRAP Malaysia Programme”.

18.7.3 The Division continued to organise various activities for the members totaling 3 visits, 9 talks, 6 seminar/course, 4 outdoor activities and 1 Charity event for the year. Details of the activities organised are highlighted in the summary sheets of this Annual Report 2018.

18.7.4 The Division continued to maintain and promote interaction and co-operation with government agencies, professional bodies, Institutions of higher learning and Universities with its committee members serving as volunteers and committee members in these establishments. The following Committee members represented the IEM at various technical committees of SIRIM, CIDB, JKR and other government agencies.



18.8 Mechanical Engineering Technical Division (METD)

- 18.8.1 Ir. Syed Neguib bin Syed Mohamed took over the chairmanship from Ir. Loo Chee Kin for the session 2018/2019 at the 33rd Annual General Meeting held on 24th November 2018. Ir. Dr. Aidil bin Chee Tahir was elected as Deputy Chairman of the Division for the session 2018/2019. The positions of Chairman and Deputy Chairman were elected during the 321st meeting of the Division held on 18th October 2018.
- 18.8.2 The 33rd Annual General Meeting was held on 24th November 2018 and was attended by 90 members. During the AGM, an election for the new office bearers for 2018/2019 was carried out. From the outcome of the election, Ir. Dr. Alvin Yap Chee Wei was elected as Secretary/Treasurer while Ir. Tajul Ariffin Bin Mohamed Nori, Ir. Soh Wee Chong, Ir. Ng Woon Yen, Dr. Lim Chin Siong, En. Raghil Fasih Azmi and Mr. Ricky Liew Chee Leong were elected as Committee Members.
- 18.8.3 A technical talk before the AGM entitled "Value of Building Audit & Inspection to the Industry" was presented by Ir. Soong Peng Soon and Mr. Raghil Fasih Azmi and was attended by 83 members.
- 18.8.4 A Networking Lunch was held after the AGM at METD Room, Wisma IEM with the purpose of promoting networking among members.
- 18.8.5 The Division continued to play an active and vital role in serving the members of IEM. For the year 2017, the Division was awarded 4th Place in the Presidential Award of Excellence.
- 18.8.6 During the year, the Committee was active in organising talks, courses and visits. For the year under review, the Division had carried out several activities with other local universities such as Taylor's University, UTAR, and MAHSA University. The Division had also championed the October 2018 issue of the Jurutera. The theme of the was "Safety First". Several articles in line with the theme were published.
- 18.8.7 The Division had actively participated in external programmes and activities with - NGOs and governmental organisations such as SIRIM, the Board of Engineers, Bomba, Jabatan Standards Malaysia, Ministry of Health and the Selangor state government.
- 18.8.8 The activities organised by the Division for the session 2017/2018 are listed in the summary sheet of this Annual Report.

18.9 Oil, Gas and Mining Technical Division (OGMTD)

- 18.9.1 Ir. Roznan bin Abdul Rashid was elected as Chairman and Ir. Abdul Razak Yakob was elected as Deputy Chairman of the Division during the 266th meeting of the Division held on the 24th November 2018. Ir. Mohd Azwira Mohd Azmi was unanimously appointed as the new Advisor of the Technical Division for Session 2018/2019.
- 18.9.2 The 28th Annual General Meeting was held on 15th December 2018 and was attended by 49 members (2 Graduate Members and 47 Corporate/Fellow Members). A Pre-AGM Technical Talk on Preparation for Gas Turbine Overhaul During Outage in Power Plant" by Ir. Roznan bin Abdul Rashid was held prior to the AGM and attended by 46 participants.
- 18.9.3 The Chairman and members of this Division continued to play an active role in promoting close interaction and co-operation with various groups such as other Professional bodies (Energy Institute), Academic Institutions (Universiti Teknologi Petronas) and Oil and Gas Consultancy bodies (MOGEC / MOGSC) by engaging them in activities related to oil and gas industry.
- 18.9.4 As in the past, the Committee members also served actively in various activities relating to the division and other committees in the IEM.
- 18.9.5 This year, the Committee orchestrated an exciting event named "Pipeline Technical Day" which saw Oil and Gas mainstream players such as Oceaneering, H. Rosen and Stats Group, participating and sharing their experience to the 41 participants who attended the event.

For the second year in a row, the Committee joint-ventured with other Technical Divisions to organize activities for the Kuala Lumpur Engineering and Science Fair (KLESF) by organising "Building an Offshore Oilfield Platform Using Sticks". A total of ten teams of primary and secondary students participated in the competition and took away attractive prizes. The competition turned out to be a successful event which saw an increase in the participation from fifteen to thirty students.

- 18.9.6 A number of reports on talks, technical visits and courses were also published in the IEM Bulletin for the benefit of members. The Division had proudly championed the "Jurutera" Bulletin for the month of November 2018. The Division has championed issues annually, for ten (10) consecutive years since 2009, the latest being for the November 2018 issue with the theme "Oil & Gas Asset Decommissioning".
- 18.9.7 The summarised list of activities of the Oil, Gas and Mining Technical Division is provided in the summary sheets for further references.



18.10 Water Resources Technical Division (WRTD)

- 18.10.1 The 31st Annual General Meeting of the Division was held on 30th June 2018.
- 18.10.2 Under provision 3.2 and 3.3 of the Rules of the Division, members who attended the 55th meeting held on 20th June 2018 unanimously elected Dato' Ir. Hj. Azmi bin Ismail to be the Chairman and Ir. Kamalesen Chandrasekaran as the Deputy Chairman for session 2018/2019.
- 18.10.3 Ir. Zakiyyah Binti Muhammad presented a Pre AGM Talk on "My Dams" in conjunction with the AGM and this talk was attended by 92 members.
- 18.10.4 The Division continued to maintain good working relationship and rapport with governmental agencies and professional bodies by serving in their Technical Committees such as ASLI, EAROPH, MBPJ, MPC, MIA, PAM, REHDA, SPAN, UPM, DRRAB, PPC & RedR Malaysia, CETDEM, ASM, JPS NAHRIM, MIDA, KeTTHA, MWA, SIRIM, SPAN, JPS, UNESCO-IHP, Malaysia SIRIM STS, SPAN, My CD Net and My WP Excomm.
- 18.10.5 The Division continues to organise various activities for members such as 2 visits, 9 talks, 1 seminar/course and 1 Bowling Tournament in 2018. Details of the activities organised were captured and highlighted in the summary sheets of this Annual Report 2018.

18.11 Engineering Education Technical Division (E2TD)

- 18.11.1 Under provision 3.2 and 3.3 of the Rules, at the 189th Engineering Education Technical Division (E2TD) Committee meeting held on 19th July 2018, Ir. Assoc. Prof. Dr. Mohamed Thariq Bin Haji Hameed Sultan and Ir. Dr. Shahruddin Muslimin were unanimously elected as Chairman and Deputy Chairman for Session 2018/2019. The meeting also unanimously agreed to appoint Ir. Prof. Dr. Mandeep Singh as the Advisor for the new term.
- 18.11.2 The Technical Division held its 22nd Annual General Meeting in conjunction with a Prestige AGM Talk with the title "*InTELS or Internationally Educated Staff: Workplace Intergration and Organizational Commitment*" by Prof. Ron Edwards on 25th August 2018.
- Thirty (30) members attended the 22nd AGM, while thirty-one (31) members attended the Prestige AGM Talk. At the 22nd AGM, Ir. Dr. Dhakshyani Ratnadurai was re-elected as the Secretary / Treasurer.
- 18.11.3 The Division continued to play an active role in maintaining a leading role in promoting closer interaction and co-operation amongst the various professional groups such as governmental agencies, professional bodies, academic institutions and universities by serving as Committee members in these organisations.
- 18.11.4 The Committee members were also involved in various activities related to the division, as IEM representative in CIDB and in various government agencies.
- 18.11.5 The Division as in the past continued the close rapport with Institution of Mechanical Engineers Malaysia Branch (IMechE) and Engineers Australia Malaysia Chapter (EAMC) in organising joint activities for members, and collaboration with universities in Competitions, Talks and Awareness Program especially on STEM with primary and secondary schools.
- 18.11.6 The yearly Engineering Education Technical Division activity which is the "7th IEM~E2TD Annual Essay Writing Competition" for 2018 was successfully organized with good participation from secondary schools. The Technical Division also successfully organised the "IEM~SEGI Bridge Competition" together with SEGi University for secondary school students.
- 18.11.7 2018 has been a successful and active year for the Technical Division as they jointly organized and supported more than seven (7) competitions at the universities. The Technical Division organised ten (10) talks, five (5) visits, three (3) paid activities and sixteen (16) engineering education awareness IHL/School Activity. The "*Academician Dato' Ir. Prof. Dr. Chuah Hean Teik Engineering Education Prestige Lecture Series 2018*" with title "*STEM Education: ENGINE FOR GROWTH*" by Y.Bhg. Professor Dato' Dr. Noraini Idris was successfully held on 1 September 2018 and attended by seventy-four (74) participants.
- 18.11.8 The Division will continue to play an effective role in organising activities for members in the education engineering interest. Numerous write-ups on evening talks/seminars were published in the IEM Jurutera Bulletin and IEM's Portal for the benefit of members who were unable to attend these events. The activities organised by the Division were summarised in the summary sheet of this Annual Report.
- #### 18.12 Information and Coomunications Technology Special Interest Group (ICTSIG)
- 18.12.1 Ir. Chai Chen Sing was elected as Chairman and Ir. Phang Chee Man as Deputy Chairman respectively for the Session 2018/2019. The positions were elected at the 196th Committee meeting held on 24 February 2018.



- 18.12.2 The 20th Annual General Meeting of the Information and Communications Technology Special Interest Group was held on 17 March 2018 and was attended by 79 members. A Pre-AGM Talk on “Zero to Maker Pro - A Engineer’s Guide To The Skills, Tools And Ideas Of The Maker Movement” by Ir. Lee Mun Poh which was attended by 56 members was organized prior to the AGM.
- 18.12.3 The Committee members have organized talks/forum, visits, paid activities and also community services for the session 2018/2019. 11 Talk/Forums, 3 Visits, 7 Paid Activities, 11 Community Service-Digital Class and 7 Community Service-Junior Digital Class was organized in the year.
- 18.12.4 The activities of the Group are highlighted in the summary sheet of this Annual Report.
- 18.13 Agricultural and Food Engineering Technical Division (AFETD)**
- 18.13.1 Ir. Vasan Mariappan and Ir. Hor Kok Luen continue to serve as a Chairman and Deputy Chairman of the Division for second year. They were re-elected on 17 November 2018 at the 112th meeting of the Division. Ir. Yong Hong Liang continued to be the Advisor of the Division for the 2018/2019 session.
- 18.13.2 The Technical Division held its 20th Annual General Meeting in conjunction with a “Pre-AGM Talk on: “Effective Use of Palm Oil Milling Technology, Engineering Tools and Synergies for Higher Product Quality and Lower Extraction Losses” presented by Ir. Goh Su Kin on 8th December 2018. 27 members attended the AGM while 24 members attended the talk.
- 18.13.3 The Committee members have been active in organizing evening talks, courses/seminars and visits. For session 2018/2019, 6 technical visits, 4 talks and 3 courses have been conducted.
- 18.13.4 The Division held a total of 7 meetings in the session 2018/2019.
- 18.13.5 The activities of the Division are highlighted in the summary sheet of this Annual Report.
- 18.14 Tunnelling and Underground Space Engineering Technical Division (TUSTD)**
- 18.14.1 Under provision 3.2 and 3.3 of the Rules of the Division, the 151st meeting held on 5th May 2018 unanimously elected Ir. Khoo Chee Min as Chairman for 2018/2019. Ir. Dr. Ooi Teik Aun was elected as Deputy Chairman for the session 2018/2019.
- 18.14.2 The Division maintained a leading role in promoting closer interaction and co-operation amongst the various professional groups. The Division has a good working relationship with the International Tunnelling and Underground Space Association (ITA) as the ITA Member Nation representative for Malaysia.
- 18.14.3 The Division organized a Two-Day Short Course on New FIDIC-ITA Conditions of Contracts and Practical Workshop on Tunnelling Best Practices - A Quantum Leap on 4-5 July 2018 and CCES China - IEM Malaysia Joint Symposium and Exhibition on Challenges and Strategic Solutions for High Profile Projects on Tunnels both managed by IEM Academy Sdn. Bhd. These events were organized as part of the publicity of WTC2020.
- The CCES China - IEM Malaysia Joint Symposium and Exhibition on Challenges and Strategic Solutions for High Profile Projects on Tunnels was held on 18-19 September 2018 at Hilton PJ Hotel and was well attended by 250 participants.
- 18.14.4 The Division had successfully won the bid to organize the ITA-AITES World Tunnel Congress (WTC) 2020 and 46th General Assembly in Kuala Lumpur, Malaysia. This prestigious international event will be held on 15-21 May 2020 at Kuala Lumpur Convention Centre. The Division has been actively taking part in the WTC2020 Organising Committee and working closely with ITA in the organisation and preparation.
- 18.14.5 As a contribution towards continuing education, the members of the Division have been continuously submitting articles and reports for publication in the IEM Jurutera Bulletin. The Division championed the July 2018 Jurutera with title “The Rise Of Tunneling In Malaysia And Technologies”.
- 18.14.6 The Committee members have been very active in organizing evening talks, courses/seminars and visits. For 2018/2019 session, 4 courses/seminars, 6 technical visits and 9 talks had been conducted.
- 18.14.7 The activities of this Division are tabulated and summarised in the summary of events of this Annual Report.
- 18.15 Project Management Technical Division (PMTD)**
- 18.15.1 Under provision 3.2 and 3.3 of the Rules of the Division, Ir. Wong Khien Ngie was re-elected as the Chairman and Ir. Dr. Nor Azhar bin Mohd Arif as the Deputy Chairman for the session 2018/2019 at the 143rd meeting held on 4 July 2018.
- 18.15.2 The Division also continue to maintain good relationship with governmental agencies, professional bodies, related institutions, organisations and academia especially PMIMY, MAPMA, JKR, JPS, SIRIM, CIDB, IVMM, PSDC, UNITEN, UTM, UTAR and UM.
- 18.15.3 As contribution towards continuing education, the members of the Technical Division have been continuously submitting articles and reports for publication in the IEM Bulletin.



- 18.15.4 Under provision 3.2 and 3.3 of the Rules of the Division, Ir. Wong Khien Ngie was re-elected as the Chairman and Ir. Dr. Nor Azhar bin Mohd Arif as the Deputy Chairman for the session 2018/2019 at the 143rd meeting held on 4 July 2018.

The Division also continue to maintain good relationship with governmental agencies, professional bodies, related institutions, organisations and academia especially PMIMY, MAPMA, JKR, JPS, SIRIM, CIDB, IVMM, PSDC, UNITEN, UTM, UTAR and UM.

As contribution towards continuing education, the members of the Technical Division have been continuously submitting articles and reports for publication in the IEM Bulletin.

The Committee members have been very active in organising evening talks, courses/seminars and visits. For 2018/2019, 9 courses/seminars, 3 technical visits and 16 talks were conducted.

The Division organised a Public Outreach Programme to Cambodia on 29 April – 2 May 2018. They visited to Board of Engineers Cambodia (BEC) and Regional Flood Management and Mitigation Centre (RFMMC) to discuss potential collaboration between Malaysia and Cambodia.

One of the activities held was a public talk entitled “4th Industrial Revolution: The Way Forward for Engineering Professions” to the Bachelor of Civil Engineering students and academic staff of Zaman University, Phnom Penh. The delegation also visited the Malaysian Embassy Office in Phnom Penh where various opportunities for Malaysian engineers to venture into Cambodian industries were deliberated.

The main purpose of this Public Outreach Programme was to initiate international visits by PMTD to disadvantaged countries to provide assistance in various forms including monetary and knowledge-transfer. This included the delivery of 1 hand pump well to the rural poor of Khmer at Kampung Cham, Cambodia, which was urgently needed in many rural areas in Cambodia due to lack of access to clean drinking water. A courtesy visit to Muslim Rasyidy Cambodian Association (MRCA), a non-government organisation (NGO) that delivers welfare and social services to the urban and rural poor of Cambodian was also held in observing the efforts done in empowering the Cambodian community.

The committee also spent half a day to teach some basic English words to the Khmer school children at Madrasah Al-Ghufran, a school funded via donations by the public dedicated to orphanages and poor children.

The Division had continued for the 3rd year to carry out charity works with Rumah Kebajikan Baitul Hidayah, an Orphanage Centre located in Puchong as a part of the effort of the Division to the community.

- 18.15.5 The activities of the Division are highlighted in the summary sheet of this Annual Report.

18.16 **Electronic Engineering Technical Division (eETD)**

- 18.16.1 Ir. Assoc. Prof. Dr. Khor Jeen Ghee and Ir. Dr. Lee Choo Yong were elected as Chairman and Deputy Chairman for 2018/2019 session respectively. Ir. Bhuvendhraa Rudrusamy served as the Advisor.

- 18.16.2 The Annual General Meeting of Electronic Engineering Technical Division was held on 21st July 2018. Twelve (12) committee meetings were held for the session to discuss and manage affairs of the Division.

- 18.16.3 The membership of this division recorded at 727 as at 30th June 2018, comprising 7 Fellows, 4 Senior Members, 198 Members, 11 Companions, 382 Graduate Members, 4 Incorporated Members, 4 Associate Members and 117 Student Members.

- 18.16.4 The Division successfully organized 4 Technical Visits, 9 Technical Talks, 2 InspireMe Talks, 2 Workshops, and 2 Conferences. The Division also supported 4 membership drive events as well as co-organized Innovate Malaysia Design Competition 2018 and awarded IEM best paper presentation. In addition, eETD has supported Recent Innovation in Engineering (RIE) organized by IEM Penang Branch and IEEE International Microwave, Electron Devices, Solid-State Circuits Symposium (IMESS) 2018. The Division also submitted 12 articles, 7 were published in Jurutera in 2018.

- 18.16.5 The Division continues to be based in Penang.

18.17 **Consulting Engineering Special Interest Group (CESIG)**

- 18.17.1 Ir. S. Vignaeswaran took over the chairmanship from Ir. Dr. Ng Kok Chiang for the session 2018/2019 at the 9th Annual General Meeting held on 21st July 2018. Ir. Yim Hon Wa was elected as Deputy Chairman of the Division for the session 2018/2019. The position of Chairman and Deputy Chairman was elected at the 37th meeting of the Division held on 12th July 2018.

- 18.17.2 The 9th Annual General Meeting was held on 21st July 2018 for the Session 2018/2019 and it was attended by 91 participants. Prior to the AGM a Pre-AGM Talk on “Training new SCADA engineers for Industrial 4.0 & Digitalization - A future with unlimited employment” was presented by Ir. Vignaeswaran A/L Shanmuganathan and it was attended by 89 participants.



- 18.17.3 The Committee Members continued to contribute talks, articles and reports for publication in IEM Bulletin.
- 18.17.4 CESIG continues to have the services of the IEM Training Centre Sdn. Bhd. to facilitate events, workshops and seminars.
- 18.18 **Marine Engineering and Naval Architecture Technical Division (MNATD)**
- 18.18.1 At the 7th Annual General Meeting of the Technical Division held on 26 May 2018, it was reported that Ir. Roznan Abdul Rashid was elected as the Chairman and Ir. Lim Leong Bok was elected as the Deputy Chairman for the Session 2018/2019 at the 57th meeting held on 13th April 2018. Ir. Nik Mohd Hasmizie bin Nik Mohd Kamil was unanimously appointed as the new Advisor of the Technical Division for Session 2018/2019.
- 18.18.2 A total of 93 members attended the Division's 7th AGM. Prior to that, 86 members attended the Pre- AGM Talk on "Advances in Ocean Robotics" presented Ir. Prof. Dr Mohd Rizal Bin Arshad.
- 18.18.3 The Division had been active for the session and had organized 5 technical talks and 2 visits throughout the session.
- 18.18.4 In addition to the regular monthly meetings, the Division continued to play its role in organizing activities for the interest of members in marine engineering and naval architecture, which includes talks, visits, and courses. The details of the activities are summarised in the summary sheet of this Annual Report.
- 18.19 **Public Sector Engineers Special Interest Group (PSESIG)**
- 18.19.1 Under the provision of 3.2 and 3.3 of the Rules of the Division, at the 42nd Committee meeting held on 10th July 2018, Ir. Mustafa Tek and Ir. Boey Wei Lun, Francis were elected as Chairman and Deputy Chairman respectively for Session 2018/2019.
- 18.19.2 The 6th Annual General Meeting was held on 25th August 2018 and was attended by 72 participants. In conjunction with the 6th Annual General Meeting, a Pre AGM Talk on "Making Sense of the Fourth Industrial Revolution – Impact to the Construction Industry" by Rushdi Abdul Rahim was held which attracted 79 members.
- 18.19.3 The activities of the Technical Division had been tabulated in chronological order in the summary sheets of the Annual Report.
- 18.20 **Seniors Special Interest Group (SSIG)**
- 18.20.1 Under provision 3.2 and 3.3 of the Rules of the Group, the 44th Committee meeting held on 26th June 2018 had unanimously agreed to re-elect Ir. Chong Kwet Hin as Chairman and Ir. Lalchand A/L Gulabrai as Deputy Chairman of the Group respectively for the session 2018/2019.
- 18.20.2 For 2018/2019 session, 6 talks, 3 visits and 2 paid activities have been conducted. One of the activity planned for 2019 is a 6-Days (5-Nights) Technical & Leisure Tour to Guangzhou-Shenzhen-HK China.
- 18.20.3 The activities organised by the Group in this session are listed in the summary sheet of this Annual Report.
- 18.21 **Urban Engineering Development Special Interest Group (UEDSIG)**
- 18.21.1 The Urban Engineering Development Special Interest Group held its 2nd Annual General Meeting on 8th December 2018 with 40 members present. Ir. Tiong Choong Han was elected as the Chairman at the 22nd Committee meeting while Ir. Tay Eng Chong was elected as Deputy Chairman at the 2nd Annual General Meeting.
- 18.21.2 The Special Interest Group conducted three talks for the session i.e. Talk on "Mid Valley City: Value Creation and Lessons in Public Private Partnership, Talk On "Digital Tools For Project Managers: Prospects And Challenges" and Pre-AGM Talk on "Entrepreneurship & Leadership".
- 18.21.3 Urban Engineering Development Special Interest Group for the year 2018 have been successful as a result of cooperation among the committee members and the full support of IEM, members, government agencies, private organizations and individuals.
- 19 MANAGEMENT REVIEW COMMITTEE**
- 19.1 This Committee was chaired by the President, Ir. David Lai Kong Phooi and comprises all members of the Excomm. The Committee looks into the quality policy and objectives of the Institution with the aim of renewing the ISO certifications.
- SIRIM's Recertification and Upgrading Audit was successfully conducted on 11th -12th April 2018. No NC's were detected during the audit but a number of OFI's were noted. Secretariat continued with the improvement to the operations based on the OFI's.
- SIRIM had issued the new certificate for MS ISO9001:2015. Validity period is up to 14 April 2021.



20 IEM TRAINING CENTRE SDN. BHD.

20.1 Courses

IEM Training Centre Sdn. Bhd. continues to organise Continuing Professional Development (CPD) courses for the benefits of engineers in particular IEM members. During the financial year ended 31 December 2018, a total of 44 BEM and Training courses were successfully organized.

20.2 Training Courses

A total of 30 training courses were organized, 19 in Wisma IEM, 4 in IEM Branches, 4 In-house training and 3 other courses supporting GreenRE for profit-share of 15%.

20.3 BEM Courses

A total of 14 BEM courses were organized, 12 in Wisma IEM, 1 in TNB-ILSAS and 1 held in Kuching together with IEM Kuching Branch (profit-sharing IEMTC: IEM Kuching = 70 : 30).

20.4 ITA-AITES World Tunnel Congress 2020 (WTC2020)

In 2017, a formal bid document was submitted to the 43rd General Assembly of ITA-AITES. Voting took place at the General Assembly and Malaysia won to host WTC2020 beating the contenders, India and Australia.

WTC2020 and 46th General Assembly will be held on 15th – 21st May 2020 at Kuala Lumpur Convention Centre (KLCC). The event is expected to attract more than 2000 delegates and 200 exhibitors from all over the World. This is the first time Malaysia is playing host to such a huge world engineering gathering in Kuala Lumpur in the 46 years history of ITA-AITES.

The theme of the Congress is *Innovation and Sustainable Underground Serving Global Connectivity*.

Malaysia tunneling industry has been growing since the launch of SMART Project in 2003 and completed in 2007.

20.5 Financial Year

Total income for the financial year ended 31 December 2018 was RM826,338.00 and total expenditure was RM1,144,539.00 for the year's operation, the Training Centre recorded a pre-tax deficit of RM318,201.00.

The drop-in revenue is due to low participation in BEM training courses for this fiscal year. The reason being BEM courses are no longer mandatory. As for training courses, the slow economy and inflation plus external competitors has very much affected the training courses.

For this financial year, the income and expenses of WTC2020 were not taken up into the accounts. It was recorded in the Balance Sheet as deferred income amounting to RM3,614,000.00 and expenses RM553,670.00. The WTC2020 accounts will only be reflected in year 2020.

21 IEM ACADEMY SDN. BHD.

IEM Academy Sdn Bhd (IEMASB) was incorporated on 11th September 2012 and is a wholly owned subsidiary of The Institution of Engineers, Malaysia (IEM).

21.1 Event Management

IEM Academy Sdn. Bhd. managed various events and activities as follows:

As at 31st March 2019, IEM Academy Sdn. Bhd. has successfully organised and completed:

- (a) four (4) Prestige Lectures:
- (b) Three (3) TT Chiam Memorial Lectures;

IEM Academy initiated a joint event with ICE Malaysia:

- (a) 12th Brunel International Lecture on "Tunnels and Tunnel Boring Machines, Transportation Infrastructure and the Future of Engineering". Ms. Linda Miller delivered her lecture on 23rd November 2018.

IEM Academy signed an MoU with IEM Sub-Committee on Engineering Contracts via Standing Committee on Professional Practice (PPC) to conduct :

- (a) Malaysian Civil Engineering Standard Method of Measurement (MyCESMM 2) on three occasions in 2018, namely;
 - 16th – 17th May 2018
 - 13th – 14th August 2018
 - 17th – 18th December 2018



IEM Academy managed the following courses on behalf of IEM Tunnelling and Underground Space Technical Division (TUSTD):

- (a) Evening Talk on Risk Management in Underground Space Projects by Mr. Maged F. Hanna on 11th April 2018.
- (b) Evening Talk on "Major International Tunnelling Projects – Lessons Learned: Different Approaches in Different Cultures" by Prof. Martin Smith on 4th July 2018.
- (c) 2 Day Course on BEM Professional Competency Examination (PCE) by Ir. Lai Sze Ching on 4th – 5th July 2018.
- (d) Two Days Short Course on New FIDIC-ITA Conditions of Contracts and Practical Workshop on Tunnelling Best Practices - A Quantum Leap by Prof. Martin Smith on 5th – 6th July 2018.

IEM Academy also organized and managed the CCES China and IEM Malaysia Joint Southeast Asia Symposium & Exhibitions on the Challenges and Strategic Solutions of High Profile Projects on Tunnels 2018 (SEASET2018) on 18th – 19th September 2018. The event was a great success with more than 250 participants despite poor economic climate.

21.2 **Online, Web Banner Advertisement and Newsletter Advertisement**

For year of 2018, the revenue income for Online, Web Banner and Newsletter Advertisement is recorded at RM 26,100.00. Yearly cost for Web Maintenance is RM 10,000.00 while server rental related cost is RM 18,000.00. Members could view the online advertisement rate and info from link: <http://www.iemasb.com/ad/adprice.aspx>

21.3 **Financial Year**

Total income for the financial year ended 31st December 2018 was RM 572,265.00 and total expenditure was RM 505,497.00. Pre-tax profit is at RM 66,768.00.

Ir. DAVID LAI KONG PHOOI
President



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
1	17 - 18-Jan	9.00am - 5.30pm	Mechanical	Course	Course on Vertical Transportation Systems Course 1: Design and Installation of VTS Course 2: Maintenance Management of VTS	26	13	
2	24 - 25 Jan	9.00am - 5.30pm	Project Management	Course	2-Day Course on Executive Management In Primavera P6	0	14	Cancelled due to lack of pax registerd. Flyer printed on November 2017.
3	24 - 25 Jan	8.30am - 5.15pm	Building Services	Course	2 Day Seminar on "Fire Control Concept & Design of Active Wet System"	18	13	
4	5 - 9 Feb	9.00am - 5.00pm	Seniors & Project Management	Course	5-Day Course on PMP Exam Prep Combo		30	Postponed due to lack of pax
5	6 - 7 Feb	9.00am - 6.30pm	Geotechnical	Course	Two Day Short Course on Geosynthetic-Reinforced Pile – Supported Embankments and Other Recent Developments in Transportation Infrastructure	87	13.5	
6	7 - 8 Mar	9.00am - 6.30pm	Chemical	Course	Two Day Course on Implementing of KAIZEN for Chemical Products/process		13	Postponed
7	27 - 28 Mar	9.00am - 5.00pm	Project Management	Course	2-Day Course on A Formal Project Management Programme For Project Management Personnel	18	14.5	
8	28 - 29 Mar	9.00am - 5.30pm	Oil, Gas & Mining	Course	Two-Day Course on "Understanding Process Control For Oil & Gas Production Operators, Technicians And Engineer"		13	Rescheduled from 16-17 Oct 2018
9	3 Apr	9.00am - 5.00pm	Marine Engineering & Naval Architecture	Course	One Day Course on Skill Sets and Competencies required in Shipbuilding and Ship Repair Industry		7	Postponed
10	9 - 10 Apr	9.00am - 5.00pm	Project Management	Course	2-Day Course on Contract Management for Construction Project	26	14	
11	12 Apr	9.00am - 6.30pm	Geotechnical	Course	One Day Short Course on Cone Penetration Test			Postponed
12	7 - 8 May	8.30am - 5.30pm	Project Management	Course	2 Day Course on Managing Risk in Project Management		13	Postponed due to GE14
13	9 - 10 May	8.30am - 5.30pm	Project Management	Course	2 Day Course on Fundamentals for Managing Project Successfully		14.5	Postponed due to GE14
14	7 - 8 May	8.30am - 5.30pm	Oil, Gas & Mining	Course	Two-Day Course on Effective Engineering Problem Solving And Decision-Making		14	Postponed due to GE14
15	11 May	8.30am - 5.30pm	Civil & Structural	Course	One Day Course on "Seismic Assessment and Retrofitting of Existing RC Structures"	108	6.5	
16	16 - 17 May	9.00am - 5.00pm	Sub Committee on Engineering Contracts, PPC	Course	2-Day course on Malaysian Civil Engineering Standard Method of Measurement (MyCESMM2)	8	13.5	



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
17	16 - 17 May	9.00am - 5.00pm	Seniors	Course	2-Day Course on "Enhancing People Skills and EQ for Project Engineers"		10	Rescheduled to 12 & 13 July 2018
18	25 May	9.00am - 5.50	Public Sector Engineers	Course	Blue Ocean Leadership Course		Applying	Postponed as Dato' Murad had urgent matters
19	5 Jun	9.00am - 5.00pm	Disaster Risk Reduction Advisory Board (DRRAB), IEM	Course	One Day Course on Chemical Risk Reduction		6.5	Postponed to 18.7.18
20	6 - 7 Jun	9.00am - 5.30pm	Project Management	Course	2 - Day Course on Construction Contract - Traps and Pitfalls		14	Rescheduled to 15 & 16 August 2018 due to lack of participants registered
21	18 - 19 Jun	9.00am - 5.00pm	Geotechnical	Course	2-Day Course on "Practical Approach to Residual Soil Behaviour for Geotechnical Engineering Analysis, Design and Construction (RSGE)"	28	15	Managed by IEM Training Centre Sdn Bhd
22	21 - 22 Jun	9.00am - 5.00pm	Geotechnical	Course	2-Day Course on "Practical Approach to Residual Soil Behaviour for Geotechnical Engineering Analysis, Design and Construction (RSGE)"	48	15	Managed by IEM Training Centre Sdn Bhd
23	27 Jun	8.30am - 5.30pm	Oil, Gas & Mining & Chemical	Course	One Day Course on HAZOP Training	7	6.5	
24	28 Jun	9.00am - 5.00pm	Seniors	Course	1-Day Course on Business Writing For Engineers	29	6.5	
25	3 - 4 Jul	8.30am - 5.30pm	Project Management	Course	2-Day Course on Negotiation Skills in A Project Environment		14.5	Cancelled
26	10 - 11 Jul	8.30am - 5.30pm	Project Management	Course	2-Day Course on Managing Risk in Project Management (Rescheduled from 7 & 8 May 2018)	16	13	Postponed due to GE14
27	11 Jul	8.30am - 6.30pm	Geotechnical	Course	One Day Short Course on FEM in Geotechnical Engineering	110	7.5	
28	12 -13 Jul	8.30am - 5.00pm	Seniors	Course	2-Day Course on "Enhancing People Skills & EQ For Project Engineers"	13	10	Rescheduled from 16 & 17 May 2018
29	14 Jul	8.30am - 1.00pm	Agricultural and Food	Course	Half-Day Course on Training - Practical Insight Toward MSPO, Implementation The Malaysian Sustainable Palm Oil (MSPO) on the implementation and the practical approaches	16	4	
30	16 - 17 Jul	9.00am - 5.30pm	Project Management	Course	2-Day Course on Fundamentals of Successful of Project Management (Rescheduled from 9 - 10 May 2018)	18	14.5	



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
31	18 Jul	9.00am - 5.00pm	Disaster Risk Reduction Advisory Board (DRRAB), IEM	Course	One Day Course on Chemical Risk Reduction	13	6.5	Postponed from 5th June 2018
32	18 - 19 Jul	8.30am - 5.15pm	Building Services	Course	Two-Day Course on "Plumbing - Professional Competency Examination (PCE) on the Syllabus of Hydraulic - Design Considerations"	25	14	
33	25 Jul	8.30am - 2.00pm	Civil & Structural	Course	Half Day Seminar on "Choosing the Right Below Ground Waterproofing Technologies for Your Project"	119	4	
34	25 Jul	8.30am - 5.30pm	Electrical	Course	One Day Course on "Energy Management Based on MS ISO 50001"	30	7	
35	25 Jul	2.00pm - 6.00pm	Building Services	Course	Half Day Seminar on "Grooved End Technology & Flexible Hoses in Fire Protection"	62	4	
36	28 Jul	8.30am - .00pm	Seniors	Course	1-Day Course On Business Writing For Engineers	29	6.5	
36	30 - 31 Jul	9.00am -5.30pm	Highway & Transportation	Course	2 Day Leadership Course "From Engineer to Leader"	14	13.5	
37	8 & 9 Aug	8.30am - 5.30pm	Subcommittee on Dispute Avoidance and Resolution Practice, PPC	Course	Joint Course on Alternative Dispute Resolution for Practitioners	28	14	
38	9 Aug	9.00am - 1.00pm	Information and Communications Technology	Course	Half Day Course on "BRICSCAD BIM" - A BIM application that you can do it by All-in One from Sketch, Design to BIM	12	3	
39	11 Aug	9.00am - 5.00pm	Women Engineers	Course	1-Day Course On Hands-On Android Mobile App Development	10	7	
40	15 -16 Aug	9.00am - 5.30pm	Project Management	Course	2 - Day Course on Construction Contract - Traps and Pitfalls	27	14	Rescheduled from 6 - 7 June 2018
41	27 Aug	8.30am - 5.00pm	Highway & Transportation	Course	1 Day Course on Road Safety Audit (RSA) & Traffic Management Plan (TMP)	35	7	
42	28 Aug	8.30am - 5.00pm	Highway & Transportation	Course	1 Day Course on Audit of a Junction Design & the Traffic Management Plan (TMP)	34	7	
43	29 Aug	9.00am - 5.30pm	Disaster Risk Reduction Advisory Board (DRRAB), IEM/Mechanical Engineering Technical Division	Course	One Day Short Course on Engineered Flood Safe Technologies	60	2.5	
44	29 Aug	8.30am - 5.00pm	Highway & Transportation	Course	1 Day Course on Traffic Impact Assessment (TIA), Transport Assessment & Traffic Site Plan	44	7	
45	27 Sep	8.30am - 5.30pm	Building Services	Course	One Day Seminar on "Digital Revolution : Embracing Technology and Keeping the Power ON"	94	7	
46	2 Oct	9.00am - 5.00pm	Young Engineers Section & Project Management	Course	One Day Course on An Introduction and Overview of Project Management Professional (PMP) attaining process and accreditation for Young Engineers		6.5	Cancelled



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
47	3 - 4 Oct	9.00am - 5.30pm	Project Management	Course	2-Day Course on Hazard Identification, Risk Assessment and Control (HIRAC) in Engineering Project Management	30	14	
48	4 Oct	8.30am - 5.30pm	Electrical	Course	1-Day Course on Interior Lighting Design		Applying	Rescheduled to 30 Oct 2018
49	6 Oct	9.00am - 1.00pm	Tunnelling & Underground Space	Course	Half-Day Course on Macro Synthetic Fibre Reinforced Concrete – A Modern, Cost Efficient, Durable and Sustainable Construction Material For Underground Structures	33	4	
50	8 - 9 Oct	9.00am - 5.30pm	Project Management	Course	2 - Day Course on Adjudication - Procedure and Procedure	33	14	
51	9 Oct	8.30am - 5.30pm	Electrical	Course	One Day Course on Practical Design and Selection of Lightning Protection Systems to MS IEC 62305 Part 1 to 4	41	7	
52	16 Oct	9.00am - 5.30pm	Building Services	Course	One Day Course on "A Quick Guide to BEM Professional Competency Examination for Air Conditioning and Mechanical Ventilation System"	39	6.5	
53	16 - 17 Oct	9.00am - 5.30pm	Oil, Gas & Mining	Course	Two-Day Course on "Understanding Process Control For Oil & Gas Production Operators, Technicians And Engineers" - Rescheduled from 28 March 2018-29 March 2018	21	13	
54	16 - 18 Oct	9.00am - 5.30pm	Seniors & Project Management	Course	5-Day Course on PMP Exam Prep Combo (1st Series)		30	Rescheduled
55	20 Oct	9.00am - 5.30pm	Agricultural and Food	Course	One Day Training Course on The application/operation of solid fuel (biomass) steam boiler and latest environmental (DOE) compliances (Air Quality) - The RELEVANT systems and technologies that available and its limitation/challenges WHEN APPLIED	29	7	
56	24 - 25 Oct	8.30am - 5.15pm	Building Services	Course	Two-Day Course on "Design of Sprinkler Systems Reference to MS 1910 Covering Professional Competency Examination (PCE) Syllabus"	27	13.5	
57	25 - 26 Oct	9.00am - 5.30pm	Seniors & Project Management	Course	5-Day Course on PMP Exam Prep Combo (2nd Series)		30	Cancelled
58	30 Oct	9.00am - 5.30pm	Electrical	Course	One Day Course On Interior Lighting Design	43	7	
59	2 Nov	8.30am - 6.30pm	Geotechnical	Course	One Day Short Course on Deep Excavation	134	7.5	
60	10 Nov	9.00am - 5.00pm	Project Management	Course	1-Day Course on Managing Risk in Project Management	23		
61	14 Nov	9.00am - 5.00pm	Women Engineers	Course	1 –Day Course on LiDAR Technology With A Case Study in Flood Risk Assessments & Mitigation And Its Application In Engineering		7	Cancelled
62	26 - 27 Nov	9.00am - 5.30pm	Marine Engineering & Naval Architecture	Course	Two-Day Course on "Basic Welding Knowledge in Engineering and Construction"		14	Cancelled



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
63	5 - 6 Dec	9.00am - 5.30pm	Building Services	Course	Two Days Course on "Sanitary System, Odorless Toilet, Rainwater Harvesting Concept & Design"	16	13	
64	5 Dec	9.00am - 5.00pm	Women Engineers	Course	Empower Your Brand for Success			Cancelled
65	12 - 13 Dec	9.00am - 5.00pm	Project Management	Course	2-Day Course on Cost Management		15	Rescheduled to 16 & 17 January 2019
66	15 Dec	8.30am - 5.30pm	Agricultural and Food	Course	One Day Course on "Adapting the Challenges and Go for Sustainability on Optimum Process Control" - Palm Oil Manufacturing Industry: The Optimization Of Crude Palm Oil Extraction Through The Fundamental Stage Of Proper Sterilization Process By Having Proper Steam Supply In Terms Of Consistency And Persistency Of Steam Pressure & Steam Volume Concern From The Steam Receiver.		7	Cancelled due to insufficient participants
67	17 - 18 Dec	9.00am - 5.30pm	Project Management	Course	2 - Day Course on Good Project Management Practices for Successful Project Delivery	38	14	
68	17 - 18 Dec	9.00am - 5.00pm	Sub Committee on Engineering Contracts, PPC	Course	2-Day course on Malaysian Civil Engineering Standard Method of Measurement (MyCESMM2)	0	13.5	



HONORARY TREASURER'S REPORT

1. The 2018 fiscal Statement of Accounts and the Balance Sheet of the Institution are as presented. The accounts are maintained by the Standing Committee on Finance to which the Hon. Treasurer is the Secretary.
2. The financial statements presented comprise of three sets of accounts. The columns denoted by "Institution" refers to the financial performance of IEM but these figures do not include the financial position of the IEM Branches who file their financial statements with the IRB of the respective states.
3. The columns denoted by "Group" refers to the consolidated accounts of IEM, IEM Training Centre Sdn Bhd and IEM Academy Sdn Bhd. There are some columns where figures are shown under "Institution" but blank under "Group" and vice versa. This is due to the figures being payment/receipt between IEM, IEM TC and IEMASB which were eliminated on consolidation.
4. The total income for year 2018 is RM5,113,070 which is RM2,432,161 lower than that of year 2017. The total income included RM517,275 being net income from Institutional services, RM558,314 being surplus from activities of the Technical Divisions and RM193,458, surplus from the Women in Science, Engineering and Technology conference organized in 2018.
5. The drop in performance is due mainly to the disposal of the Penang Branch property in 2017 which resulted in a profit of RM1,436,618 and the backdated dividend from IEM Training Centre amounting to RM489,289 from 2016 and 2017. As reported at the AGM in 2018, the tenant for Wisma IEM had terminated their tenancy in June 2017 and that resulted in a loss of rental amounting to approximately RM1,176,000. The Standing Committee on Finance had been working hard to get a tenant for the building but only managed to secure a tenant for first and second floor in April 2019.
6. In addition, other sources of income also showed a decrease – Annual Subscriptions dropped by 1.7% while rental income dropped by 45%. There was also no dividend declared from IEM Training Centre and Academy in view of drop in their performance as well.
7. The main source of income continue to be annual subscriptions which amounted to RM3,329,803 for 2018 which made up approximately 66% of the total income of the Institution compared to 51% in 2017. At the end of 2018, there was RM372,050 subscriptions still owing from members.
8. The total expenditure of the Institution was RM6,081,431, which was RM441,160 higher than that of year 2017. The main operating expenditure items were personnel emoluments RM2,773,351 (46%), administrative expenses RM1,259,864, finance cost (term loan interest) RM97,319 and Branch Subsidies RM418,264. Expenses for year 2018 was 7.8% higher than 2017.
9. Various initiatives had been implemented to save operating costs including the move to paperless meetings in IEM thereby reducing cost of printing as well as posting of minutes of meetings/meeting documents to Committee Members. A circular was also sent together with the annual renewal notice to seek members' consent to send e-Bulletin instead of the hard copy. Members who consent to this will be issued the e-Bulletin via email beginning middle of 2019.
10. The Standing Committee on Finance is also looking into ways to encourage members to pay their annual subscriptions on time.

.....
Ir. Dr. Tan Chee Fai
Honorary Treasurer

HONORARY INTERNAL AUDITOR'S REPORT

I have examined the Balance Sheet as at 31st December 2018, the Income and Expenditure Account together with Notes on the Accounts set out on pages 168 to 188, 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. AWANGKU HIDUP BIN AWANGKU HOSAIN
Honorary Internal Auditor

.....
Ir. TIONG NGO PU
Honorary Internal Auditor



STATEMENTS OF FINANCIAL POSITION AS AT 31 DECEMBER 2018

	Note	Group		Institution	
		2018 RM	2017 RM	2018 RM	2017 RM
ASSETS					
Non-current assets					
Property, plant and equipment	3	15,638,339	15,826,063	15,405,691	15,594,532
Investment property	4	3,578,322	3,732,697	3,578,322	3,732,697
Investment in subsidiaries	5	-	-	200,000	200,000
Deferred tax assets	6	736,691	-	-	-
Goodwill	7	65,588	65,588	-	-
		20,018,940	19,624,348	19,184,013	19,527,229
Current assets					
Trade and non-trade receivables	8	4,114,731	2,635,030	1,567,186	2,064,128
Dividend receivable		-	-	-	488,496
Tax recoverable		-	74,513	199,424	199,424
Fixed deposits with licensed banks	9	3,285,658	4,074,032	1,805,752	2,383,473
Cash and bank balances		3,248,926	1,396,881	2,076,725	691,389
		10,649,315	8,180,456	5,649,087	5,826,910
TOTAL ASSETS		30,668,255	27,804,804	24,833,100	25,354,139
Financed by:					
Capital and reserves					
Accumulated fund	10	9,554,267	10,794,927	7,774,082	8,842,899
Capital reserve fund	11	3,305,582	3,349,478	3,305,582	3,349,478
Capital contribution reserve	12	3,983,774	3,585,037	3,983,774	3,585,037
Library fund	13	710,298	646,354	710,298	646,354
Building fund	14	3,479,809	3,356,793	3,479,809	3,356,793
Stem fund	15	8,609	-	8,609	-
		21,042,339	21,732,589	19,262,154	19,780,561
LIABILITIES					
Non-current liabilities					
Trade and non-trade payables	16	893,774	840,408	893,774	840,408
Borrowings	17	1,273,128	1,315,423	1,273,128	1,315,423
Deferred tax liabilities	6	-	13,601	-	-
		2,166,902	2,169,432	2,166,902	2,155,831
Current liabilities					
Trade and non-trade payables	16	6,988,454	3,782,012	3,317,607	3,296,976
Borrowings	17	86,437	120,771	86,437	120,771
Tax payable		384,123	-	-	-
		7,459,014	3,902,783	3,404,044	3,417,747
TOTAL LIABILITIES		9,625,916	6,072,215	5,570,946	5,573,578
TOTAL EQUITY AND LIABILITIES		30,668,255	27,804,804	24,833,100	25,354,139

STATEMENTS OF INCOME AND EXPENDITURE FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2018

	Note	Group		Institution	
		2018 RM	2017 RM	2018 RM	2017 RM
Income					
Members' subscription fees		3,329,803	3,388,097	3,329,803	3,388,097
Training and registration fees		1,222,994	2,443,058	-	-
Profit sharing		-	211,659	-	-
Interest income		109,441	150,179	62,775	109,488
Subscriptions recovered		2,838	11,253	2,838	11,253



Membership reinstatement fees		30,779	41,070	30,779	41,070
Miscellaneous income:					
- Credit cards commission		84,401	83,247	84,401	83,247
- Arbitration levy		31,051	22,211	31,051	22,211
- Others		479,885	576,237	406,432	374,081
		5,291,192	6,927,011	3,948,079	4,029,447
Less: Expenditure					
Cost for courses		725,993	1,314,726	-	-
Personnel emoluments and benefits	18	3,238,419	3,143,204	2,773,351	2,672,003
Administrative expenses	19	1,636,581	1,704,538	1,259,864	1,281,239
Branch subsidies	20	418,264	463,150	418,264	463,150
Inter-society activities	21	22,060	11,387	22,060	11,387
GST not claimable			1,125	-	1,125
Subscription in arrears written off		274,455	169,742	274,455	169,742
Depreciation of property, plant and equipment		104,367	100,985	77,599	75,305
Impairment on non-trade receivables		58,498	-	58,498	-
		6,478,637	6,908,857	4,884,091	4,673,951
Surplus/(Deficit) from core institutional activities		(1,187,445)	18,154	(936,012)	(644,504)
Surplus from institutional services	22	517,275	404,819	517,275	404,819
Operational surplus/(deficit)		(670,170)	422,973	(418,737)	(239,685)
(Deficit)/Surplus from rental income	23	(549,174)	218,738	(549,174)	218,738
Amortised cost adjustment		(53,366)	(13,438)	(53,366)	(13,438)
Gain on disposal of property, plant and equipment		-	1,436,618	-	1,436,618
Dividend	24	-	793	-	489,289
Surplus before taxation		(1,272,710)	2,065,684	(1,021,277)	1,891,522
Tax (expense)/income	25	32,050	(201,884)	(47,540)	(68,132)
Surplus for the year		(1,240,660)	1,863,800	(1,068,817)	1,823,390
Other contributions received:					
Capital reserve fund					
Contribution from branches	11	14,604	14,604	14,604	14,604
Library fund					
Enrollment fees and donation received	13	63,944	23,500	63,944	23,500
Building fund					
Donation received	14	123,016	198,430	123,016	198,430
		201,564	236,534	201,564	236,534
Total (deficit)/surplus and other contributions (deficit)/received for the financial year		(1,039,096)	2,100,334	(867,253)	2,059,924

STATEMENTS OF RECOGNISED GAINS AND LOSSES FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2018

Note	Group		Institution	
	2018 RM	2017 RM	2018 RM	2017 RM
Total (deficit)/surplus and other contributions (deficit)/received for the financial year	(1,039,096)	2,100,334	(867,253)	2,059,924

STATEMENTS OF CASH FLOWS FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2018

Note	Group		Institution	
	2018 RM	2017 RM	2018 RM	2017 RM
Cash flows from operating activities				
Total (deficit)/surplus and other contributions received	(1,039,096)	2,100,334	(855,253)	2,059,924
Tax (income)/expense	(32,050)	201,884	-	68,132
Total (deficit)/surplus and other contributions received before tax	(1,071,146)	2,302,218	(855,253)	2,128,056



Adjustments for:

Impairment loss on receivables	136,929	50,175	58,498	-
Reversal of impairment loss on trade receivables	(43,180)	-	-	-
Bad debts written off	-	2,000	-	-
Depreciation				
- property, plant and equipment	532,597	482,932	505,829	457,252
- investment properties	154,375	-	154,375	-
Dividend income	-	(793)	-	(793)
Interest expenses	97,319	117,427	97,319	117,427
Gain on disposal of property, plant and equipment	-	(1,436,618)	-	(1,436,618)
Interest income	(109,441)	(150,179)	(62,775)	(109,488)
Subscription in arrears written off	274,455	169,742	274,455	169,742
Amortised cost adjustment	53,366	13,438	53,366	13,438

Operating surplus before changes in working capital	25,274	1,550,342	225,814	1,339,016
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Changes in working capital:

(Increase)/Decrease in receivables	(1,717,465)	(475,654)	770,925	(146,587)
(Increase)/Decrease in subscription in arrears	(130,440)	(122,048)	(130,440)	(342,818)
Increase/(Decrease) in payables	3,307,936	(998,778)	(366,371)	(596,565)
Increase in subscription in advances	387,002	235,135	387,002	74,867

Cash generated from operations	1,872,307	188,997	886,930	327,913
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Income tax refund	-	195,802	-	-
Income taxes paid	(259,606)	(507,739)	-	(184,724)

Net cash from/(used in) operating activities	1,612,701	(122,940)	886,930	143,189
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Cash flows from investing activities

Disposal short term investment	-	48,273	-	48,273
Interest received	109,441	150,179	62,775	109,488
Dividend received	(488,496)	793	-	793
Purchase of property, plant and equipment	(344,873)	(2,336,538)	(316,988)	(2,166,428)
Proceeds from disposal of property, plant and equipment	-	1,750,000	-	1,750,000
Entrance and transfer fees capitalised	398,737	219,181	398,737	219,181

Net cash (used in)/from investing activities	(325,191)	(168,112)	144,524	(38,693)
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Cash flows from financing activities

Financing cost	(97,319)	(117,427)	(97,319)	(117,427)
Repayment of borrowings	(126,520)	(822,632)	(126,520)	(822,632)
Increase in fixed deposits	(1,896,181)	2,294,209	(2,107,176)	2,786,593

Net cash (used in)/from financing activities	(2,120,020)	1,354,150	(2,331,015)	1,846,534
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Net (decrease)/increase in cash and cash equivalents	(832,510)	1,063,098	(1,299,561)	1,951,030
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Cash and cash equivalents at beginning of year	4,132,787	3,069,689	3,386,286	1,435,256
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Cash and cash equivalents at end of year	(i) 3,300,277	4,132,787	2,086,725	3,386,286
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Note:

Cash and cash equivalents

(i) Cash and cash equivalents comprising the following:

Cash and bank balances	3,619,054	1,539,294	2,446,853	833,802
Fixed deposits with a licensed bank with original maturities less than 3 months (Note 8)	51,351	2,735,906	10,000	2,694,897
Less: Bank balances held in trust				
- ASEAN Engineering Register	(315,183)	(101,317)	(315,183)	(101,317)
- ASEAN Federation Engineering Organisation	(54,945)	(41,096)	(54,945)	(41,096)

	3,300,277	4,132,787	2,086,725	3,386,286
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The Institution Of Engineers, Malaysia
(Reg. No. 1356)
(Incorporated In Malaysia)
(And its Subsidiary)

NOTES TO THE FINANCIAL STATEMENTS AS AT 31 DECEMBER 2018

1. Basis of preparation

(a) Statement of Compliance

The financial statements of the Institution of Engineers, Malaysia ("hereinafter referred to as the "Institution") have been prepared in accordance with Malaysian Private Entities Reporting Standards ("MPERS") and the constitution and by-laws of the institution.

The financial statements of the Group and the Institution have been prepared under the historical cost convention, unless otherwise indicated in the significant accounting policies below.

(b) Functional and Presentation Currency

These financial statements are presented in Ringgit Malaysia ("RM"), which is the Group's and the Institution's functional currency. All financial information is presented in RM and has been rounded to the nearest RM except when otherwise stated.

(c) Significant accounting judgments, estimates and assumptions

The preparation of the Group's and the Institution's financial statements requires the Council to make judgements, estimates and assumptions that affect the reported amounts of income, expenditure, assets and liabilities, and the disclosure of contingent liabilities at the reporting date. However, uncertainty about these assumptions and estimates could result in outcomes that could require a material adjustment to the carrying amount of the asset or liability affected in the future.

Key sources of estimation uncertainty

The key assumptions concerning the future and other key sources of estimation uncertainty at the end of the reporting period, that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next reporting period are set out below:

(i) Useful lives of property, plant and equipment

The Group and the Institution regularly review the estimated useful lives of property, plant and equipment based on factors such as business plan and strategies, expected level of usage and future technological developments. Future results of operations could be materially affected by changes in these estimates brought about by changes in the factors mentioned above. A reduction in the estimated useful lives of property, plant and equipment would increase the recorded depreciation and decrease the value of property, plant and equipment.

(ii) Impairment of loans and receivables

The Group and the Institution assess at end of each reporting period whether there is any objective evidence that a receivable is impaired. To determine whether there is objective evidence of impairment, the Group and the Institution consider factors such as the probability of insolvency or significant financial difficulties of the receivable and default or significant delay in payments.

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.

(iii) Income taxes

Judgement is involved in determining the provision for income taxes. There are certain transactions and computations for which the ultimate tax determination is uncertain during the ordinary course of business.

The Group and the Institution recognise liabilities for expected tax issues based on estimates of whether additional taxes will be due. Where the final tax outcome of these matters is different from the amounts that were initially recognised, such differences will impact the income tax and deferred tax provisions in the period in which such determination is made.



2. Summary of significant accounting policies

(a) Business combinations and consolidation

(i) Business combinations

The Group applies the acquisition method to account for all business combinations. If the acquisition of an assets or of assets does not constitute a business, it is accounted for as an asset acquisition.

The Group identifies the acquisition date of a business combination as the date on which the Group obtains control of an acquiree. Control is obtained when the Group commence to have the power to direct financial and operating policy decisions of the investee so as to obtain benefits from its activities. This may require fulfilment of precedent conditions, such as completion of due diligence audit, and shareholder's approvals if they are specified in a sale and purchase agreement.

As of the acquisition date, the Group recognises, separately from goodwill, the identifiable assets acquired (including identifiable intangible assets), the liabilities assumed (including contingent liabilities) and any non-controlling interest in the acquiree. The identifiable assets acquired and liabilities assumed are measured their acquisition - date fair values, except for those permitted or required to be measured on other bases by MPERS. Non-controlling interest at the acquisition date is measured at its acquisition date share of net assets, excluding goodwill.

The costs of a business combination is measured at fair value, calculated as the sum of the acquisition-date fair value of assets transferred (including contingent consideration), the liabilities incurred to former owners of the acquiree and the equity instruments issued by the Group. Expenses incurred in connection with a business combination are capitalised in the cost of business combination.

The cost of a business combination is allocated to the share of net assets acquired to determine the initial amount of goodwill on combination. In a business combination achieved in stages (including acquisition of a former associate or a former joint venture), the cost of each exchange transaction is compared with the share of net assets to determine the goodwill of each exchange transaction on a step-by-step basis. Any increase in equity interest in an investee after the acquisition date is accounted as an equity transaction between the parent and the non-controlling interest and the effect is adjusted directly in equity.

In the initial accounting for a business combination is not complete by the end of the reporting period in which the combination occurs, the Group uses provisional fair value amounts for the items which the accounting is incomplete. The provisional amounts are adjusted to reflect new information obtained about facts and circumstances that existed as the acquisition date, including additional assets or liabilities identified in the measurement period. The measurement period for completion of the initial accounting ends after one year from the acquisition date.

(ii) Subsidiaries and Basis of Consolidation

The Group recognises a subsidiary based on the criterion of control. A subsidiary is an entity (including special purpose entities) over which the Group has the power to govern the financial and operating policy decisions of the investee so as to obtain benefits from its activities. In circumstances when the voting right's are not more than half or when voting rights are not the dominant determinant of control, the Group uses judgements to assess whether it has de facto control, control by other arrangements (including control of special purpose entities), or by holding substantive potential voting rights.

The financial statements of the Institution and all its subsidiaries used in the preparation of the consolidated financial statements are prepared as of the same reporting date. The consolidated financial statements are prepared using uniform accounting policies for like transactions, other events and conditions in similar circumstances.

The carrying amount of investments in each subsidiary of a parent in the Group is eliminated against the parent's portion of equity in each subsidiary. The consolidated financial statements combine like items of assets, liabilities, equity, income, expenses and cash flows of the Institution and all its subsidiaries. The results of subsidiaries acquired or disposed of during the year are included in the consolidated statement of income and expenditure from the effective date of acquisition (which is the date the group assumes control of an investee) or up to effective date (which is the date group ceases to have control of an investee).

All intra-group balance and transactions are eliminated in full on consolidation. Unrealised profits or losses arising from intra-group transactions are also eliminated in full on consolidation, except when an unrealised loss is an impairment loss.

When the Group ceases to control a subsidiary, the difference between the proceeds from the disposal of the subsidiary and its carrying amount at the date control is lost is recognised in profit or loss in the statements of Income and Expenditure as a gain or loss on disposal of the subsidiary. The cumulative amount of any exchange differences that relate to a foreign subsidiary recognised in other comprehensive income is not reclassified to profit or loss on disposal of the subsidiary. If the Group retains an equity interest in the former subsidiary, it is accounted for as a financial assets (provided it does not become an associate or a joint venture). The carrying amount of the investment retained at the date that the entity ceases to be a subsidiary is regarded as the cost on initial measurement of the financial assets.

Any decrease in equity stake in a subsidiary that does not result in a loss of control is accounted for as an equity transaction and the financial effect is adjusted directly in the consolidated statements of recognised gains and losses.



(b) Property, plant and equipment

Property, plant and equipment are stated at cost less accumulated depreciation and accumulated impairment losses. The policy of recognition and measurement of impairment losses is in accordance with Note 2 (j).

(i) Recognition and measurement

Cost includes purchase price for purchased assets, any other costs directly attributable in bringing the asset to its present location and condition for its intended use, cost of replacing component parts of the assets, and the present value of the expected cost for the decommissioning of the assets after their use. The cost of self-constructed assets also includes the cost of materials and direct labour. Borrowing cost and all other repair and maintenance costs are recognised in income and expenditure as incurred.

The cost of property, plant and equipment recognised as a result of a business combination is based on fair value at acquisition date. The fair value of property is the estimated amount for which a property could be exchanged on the date of valuation between a willing buyer and a willing seller in an arm's length transaction after proper marketing wherein the parties had each acted knowledgeably, prudently and without compulsion. The fair value of other items of plant and equipment is based on the quoted market prices for similar items.

When significant parts of an item of property, plant and equipment have different useful lives, they are accounted for as separate items (major components) of property, plant and equipment.

Property, plant and equipment are derecognised upon disposal or when no future economic benefits are expected from its use or disposal. Gains or losses arising on the disposal of property, plant and equipment are determined as the difference between the disposal proceeds and the carrying amount of the assets and are recognised in income and expenditure.

(ii) Subsequent costs

The cost of replacing part of an item of property, plant and equipment is recognised in the carrying amount of the item if it is probable that the future economic benefits embodied within the part will flow to the Group and the Institution and its cost can be measured reliably. The costs of the day-to-day servicing of property, plant and equipment are recognised in the profit or loss as incurred. Investment property whose fair value cannot be measured reliably without undue cost or effort is measured on the cost model.

(iii) Depreciation

Depreciation is recognised in the profit or loss on straight line basis to write off the cost or valuation of each asset to its residual value over its estimated useful life. Freehold land is not depreciated. Leased assets are depreciated over the shorter of the lease term and their useful lives. Property, plant and equipment under construction are not depreciated until the assets are ready for its intended use.

Property, plant and equipment are depreciated based on the estimated useful lives of the assets as follows:

Freehold buildings	2%
Leasehold land and buildings	2%
Furniture and fittings	5% - 20%
Office equipments	10% - 20%
Library books	10%
Library software	10%
Building renovation	5%
Lift	10%

The residual values, useful lives and depreciation method are reviewed at each reporting period end to ensure that the amount, method and period of depreciation are consistent with previous estimates and the expected pattern of consumption of the future economic benefits embodied in the property, plant and equipment.

(c) Investment properties

Investment properties are properties which are held either to earn rental income or for capital appreciation.

Properties which are occupied by the Institution are accounted for using cost model as undue cost of no material benefit to the member is required, if an independent valuation is carried out.

Investment properties are stated at cost less accumulated depreciation and accumulated impairment losses, consistent with the accounting policies for property, plant and equipment.

Depreciation of the leasehold land and building is charged to statements of income and expenditure on a straight line basis over the estimated useful lives of 99 years and 50 years respectively.

Investment properties are derecognised when they have been disposed of or when investment properties is permanently withdrawn from use and no future economic benefit is expected from its disposal. Any gain or loss on the retirement or disposal of an investment property is recognised in statements of income and expenditure in the year of retirement or disposal.



(d) Financial instruments

Financial assets and financial liabilities, including derivative instruments, are recognised on the statements of financial position when, and only when, the Group and the Institution become a party to the contractual provisions of the financial instrument.

Financial assets and financial liabilities are initially recognised at the transaction price plus transaction costs if they are not measured at fair value through profit or loss unless the arrangement constitutes, in effect, a financing transaction. Financial assets and financial liabilities that constitute a financing transaction are measured at the present value of the future payments discounted at a market rate of interest for a similar debt instrument. Transaction costs for financial assets and financial liabilities at fair value through profit or loss are recognised in income and expenditure in period in which they are incurred.

The Group and the Institution classify their financial assets and financial liabilities into the following categories:

(i) Financial assets and financial liabilities at fair value through profit or loss

After initial recognition, financial assets and financial liabilities are measured at fair value with any gains or losses arising from changes in the fair values recognised in income and expenditure in the period in which the changes arise. If the fair value cannot be measured reliably without undue cost or effort, the financial assets is subsequently measured at cost less impairment.

(ii) Other financial assets and other financial liabilities measured at amortised cost

After initial recognition, financial assets and financial liabilities are measured at amortised cost using the effective interest method. Financial assets are reviewed at the end of each reporting period to determine whether there is any indication of impairment. Gains and losses are recognised in profit or loss when the financial assets and financial liabilities are derecognised or impaired, and through the amortisation process.

A financial asset or part of it is derecognised when, and only when, the contractual rights to receive cash flows from the financial asset has expired or has been settled, or control of the asset is not retained or the Group and the Institution have transferred substantially all risks and rewards of ownership. On derecognition of a financial asset, the difference between the carrying amount and the sum of consideration received, including any newly created rights and obligations, is recognised in income and expenditure.

A financial liability or part of it is derecognised when, and only when, the obligation specified in the contract is discharged or cancelled or expires. When an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as a derecognition of the original liability and the recognition of a new liability, and the difference in the respective carrying amounts is recognised in income and expenditure.

(e) 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.

(f) Cash and cash equivalents

Cash and cash equivalents consist of cash on hand, balances and deposits with banks and highly liquid investments which have an insignificant risk of changes in fair value with original maturities of three months or less, and are used by the Group and the Institution in the management of their short-term commitments. For the purpose of the statement of cash flows, cash and cash equivalents are presented net of bank overdrafts and pledged deposits.

(g) Offsetting of financial instruments

Financial assets and financial liabilities are offset and the net amount is reported in the statements of financial position if, and only if, there is a currently enforceable legal right to offset the recognised amounts and there is an intention to settle on a net basis, or to realise the assets and settle the liabilities simultaneously.

(h) Capital reserve fund

Fund raised from members for the purchase of property, plant and equipment are capitalised as Capital Reserve Fund.

(i) 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.

(j) 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.



(k) Stem fund

STEM stands for Science, Technologies Engineer Malaysia. It is a fund collected from members for student.

(l) Impairment of assets

(i) Non-financial assets

The carrying amounts of non-financial assets (except for inventories, amount due from contract customers, deferred tax assets, and investment property measured at fair value) are reviewed at the end of each reporting period to determine whether there is any indication of impairment. If any such indication exists, the asset's recoverable amount is estimated.

For the purpose of impairment testing, assets are grouped together into the smallest group of assets that generates cash inflows from continuing use that are largely independent of the cash inflows of other assets or cash-generating units. For the purpose of goodwill impairment testing, cash-generating units to which goodwill has been allocated are aggregated so that the level at which impairment testing is performed reflects the lowest level at which goodwill is monitored for internal reporting purposes. The goodwill acquired in a business combination, for the purpose of impairment testing, is allocated to a cash-generating unit or a group of cash-generating units that are expected to benefit from the synergies of the combination.

The recoverable amount of an asset or cash-generating unit is the higher of fair value less costs to sell and its 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 or cash-generating unit.

An impairment loss is recognised if the carrying amount of an asset or cash-generating unit exceeds its estimated recoverable amount. Impairment loss is recognised in profit or loss, unless the asset is carried at a revalued amount, in which such impairment loss is recognised directly against any revaluation surplus for the asset to the extent that the impairment loss does not exceed the amount in the revaluation surplus for that same asset. Impairment losses recognised in respect of cash-generating units are allocated first to reduce the carrying amount of any goodwill allocated to the cash-generating unit (group of cash-generating units) and then to reduce the carrying amounts of the other assets in the cash-generating unit (group of cash-generating units) on a pro rata basis.

An impairment loss in respect of goodwill is not reversed. In respect of other assets, impairment losses recognised in prior periods are assessed at the end of each reporting period for any indications that the loss has decreased or no longer exists. An impairment loss is reversed only if there has been a change in the estimates used to determine the recoverable amount since the last impairment loss was recognised. The reversal is limited so that the carrying amount of the asset does not exceed its recoverable amount, nor exceed the carrying amount that would have been determined, net of depreciation or amortisation, had no impairment loss been recognised for asset in prior years. Such reversal is recognised in the profit or loss unless the asset is carried at a revalued amount, in which case the reversal is treated as a revaluation increase.

(ii) Financial assets

All financial assets, other than those categorised as fair value through profit or loss, investments in subsidiary companies, associates and joint ventures are assessed at each reporting date whether there is any objective evidence of impairment as a result of one or more events having an impact on the estimated future cash flows of the asset.

To determine whether there is objective evidence that an impairment loss on financial assets has been incurred, The Education Fund considers factors such as the probability of insolvency or significant financial difficulties of the receivable and default or significant delay in payments. For certain categories of financial assets, such as trade receivables, assets that are assessed not to be impaired individually are subsequently assessed for impairment on a collective basis based on similar risk characteristics. Objective evidence of impairment for a portfolio of receivables could include the Group's past experience of collecting payments, an increase in the number of delayed payments in the portfolio past the average credit period and observable changes in national or local economic conditions that correlate with defaults on receivables.

If any such evidence exists, the amount of impairment loss is measured as the difference between the assets' carrying amount and the present value of estimated future cash flows (excluding future expected credit losses that have not yet been incurred) discounted at the financial asset's original effective interest rate. The carrying amount of the asset is reduced through the use of an allowance account and the amount of impairment loss is recognised in profit or loss. Receivables together with the associated allowance are written off when there is no realistic prospect of future recovery.

If, in a subsequent period, the amount of the impairment loss decreases and the decrease can be related objectively to an event occurring after the impairment was recognised in profit or loss, the impairment loss is reversed, to the extent that the carrying amount of the asset does not exceed what the carrying amount would have been had the impairment not been recognised at the date the impairment is reversed. The amount of reversal is recognised in income and expenditure.



(m) 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 Buletin/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 method.

(vi) Dividend income

Dividend income is recognised when the right to received payment is established.

(l) Employee benefits

(i) Short term employee benefits

Wages, salaries, bonuses and social security contributions are recognised as an expense in the reporting period in which the associated services are rendered by employees of the Group and of the Institution. Short term accumulating compensated absences such as paid annual leave are recognised when services are rendered by employees that increase their entitlement to future compensated absences. Short term non-accumulating compensated absences such as sick and medical leave are recognised when the absences occur.

The expected cost of accumulating compensated absences is measured as additional amount expected to be paid as a result of the unused entitlement that has accumulated at the end of the reporting period.

(ii) Defined contribution plans

As required by law, companies in Malaysia contribute to the state pension scheme, the Employee Provident Fund ("EPF"). Such contributions are recognised as an expense in the profit or loss as incurred. Once the contributions have been paid, the Group and the Institution have no further payment obligations.

(o) Borrowing costs

Borrowing costs are recognised in profit or loss in the period in which they are incurred. Borrowing costs consist of interest and other costs that the Group and the Institution incurred in connection with the borrowing of funds.

(p) Income taxes

Tax expense in income and expenditure comprises current and deferred tax. Current tax and deferred tax is recognised in income and expenditure.

Current tax is the expected tax payable or receivable on the taxable income or loss for the financial year, using tax rates enacted or substantively enacted by the end of the reporting period, and any adjustment to tax payable in respect of previous years.

Deferred tax is recognised using the liability method for all temporary differences between the carrying amounts of assets and liabilities in the statement of financial position and their tax bases. Deferred tax is not recognised for the temporary differences arising from the initial recognition of goodwill, the initial recognition of assets and liabilities in a transaction which is not a business combination and that affects neither accounting nor taxable profit or loss. Deferred tax is measured at the tax rates that are expected to be applied to the temporary differences when they reverse, based on the laws that have been enacted or substantively enacted by the end of the reporting period.

A deferred tax asset is recognised to the extent that it is probable that future taxable profits will be available against which the temporary difference can be utilised. Deferred tax assets are reviewed at the end of each reporting period and are reduced to the extent that it is no longer probable that the related tax benefit will be realised.



3. Property, plant and equipment

Group 2018	Freehold land RM	Freehold buildings RM	Leasehold land and buildings RM	Furniture and fittings RM	Office equipment RM	Library books RM	Library software RM	Building renovation RM	Lift RM	Web development RM	Total RM
Cost											
At 1 January	330,279	1,991,999	15,525,761	357,511	2,317,500	319,971	42,077	1,399,968	231,650	80,800	22,597,516
Additions	-	-	-	34,580	78,619	-	-	231,674	-	-	344,873
Disposal	-	-	-	-	-	-	-	-	-	-	-
At 31 December	330,279	1,991,999	15,525,761	392,091	2,396,119	319,971	42,077	1,631,642	231,650	80,800	22,942,389

Group 2018	Freehold land RM	Freehold buildings RM	Leasehold land and buildings RM	Furniture and fittings RM	Office equipment RM	Library books RM	Library software RM	Building renovation RM	Lift RM	Web development RM	Total RM
Accumulated depreciation											
At 1 January	-	39,719	3,462,747	253,821	1,888,908	319,678	16,831	627,594	162,155	-	6,771,453
Charge for the financial year	-	39,840	307,675	13,455	74,738	98	4,206	69,419	23,166	-	532,597
Disposal	-	-	-	-	-	-	-	-	-	-	-
At 31 December	-	79,559	3,770,422	267,276	1,963,646	319,776	21,037	697,013	185,321	-	7,304,050

Group 2018	Freehold land RM	Freehold buildings RM	Leasehold land and buildings RM	Furniture and fittings RM	Office equipment RM	Library books RM	Library software RM	Building renovation RM	Lift RM	Web development RM	Total RM
Carrying amount											
At 31 December	330,279	1,912,440	11,755,339	124,815	432,473	195	21,040	934,629	46,329	80,800	15,638,339

Group 2017	Freehold land RM	Freehold buildings RM	Leasehold land and buildings RM	Furniture and fittings RM	Office equipment RM	Library books RM	Library software RM	Building renovation RM	Lift RM	Web development RM	Total RM
Cost											
At 1 January	330,279	660,557	15,525,761	336,311	2,124,890	319,971	42,077	1,158,040	231,650	-	20,729,536
Additions	-	1,800,000	-	21,200	192,610	-	-	241,928	-	80,800	2,336,538
Disposal	-	(468,558)	-	-	-	-	-	-	-	-	(468,558)
At 31 December	330,279	1,991,999	15,525,761	357,511	2,317,500	319,971	42,077	1,399,968	231,650	80,800	22,597,516

Group 2017	Freehold land RM	Freehold buildings RM	Leasehold land and buildings RM	Furniture and fittings RM	Office equipment RM	Library books RM	Library software RM	Building renovation RM	Lift RM	Web development RM	Total RM
Accumulated depreciation											
At 1 January	-	182,055	3,160,145	245,385	1,807,014	319,580	12,624	577,904	138,990	-	6,443,697
Charge for the financial year	-	12,840	302,602	8,436	81,894	98	4,207	49,690	23,165	-	482,932
Disposal	-	(155,176)	-	-	-	-	-	-	-	-	(155,176)
At 31 December	-	39,719	3,462,747	253,821	1,888,908	319,678	16,831	627,594	162,155	-	6,771,453

Group 2017	Freehold land RM	Freehold buildings RM	Leasehold land and buildings RM	Furniture and fittings RM	Office equipment RM	Library books RM	Library software RM	Building renovation RM	Lift RM	Web development RM	Total RM
Carrying amount											
At 31 December	330,279	1,952,280	12,063,014	103,690	428,592	293	25,246	772,374	69,495	80,800	15,826,063

Institution 2018	Freehold land RM	Freehold buildings RM	Leasehold land and buildings RM	Furniture and fittings RM	Office equipment RM	Library books RM	Library software RM	Building renovation RM	Lift RM	Total RM
Cost										
At 1 January	330,279	1,991,999	15,525,761	340,280	2,085,329	319,971	42,077	1,281,262	231,650	22,148,608
Additions	-	-	-	31,254	54,060	-	-	231,674	-	316,988
At 31 December	330,279	1,991,999	15,525,761	371,534	2,139,389	319,971	42,077	1,512,936	231,650	22,465,596

Institution 2018	Freehold land RM	Freehold buildings RM	Leasehold land and buildings RM	Furniture and fittings RM	Office equipment RM	Library books RM	Library software RM	Building renovation RM	Lift RM	Total RM
Accumulated depreciation										
At 1 January	-	39,719	3,462,747	244,254	1,699,056	319,678	16,831	609,636	162,155	6,554,076
Charge for the financial year	-	39,840	307,675	12,117	61,178	98	4,206	57,549	23,166	505,829
At 31 December	-	79,559	3,770,422	256,371	1,760,234	319,776	21,037	667,185	185,321	7,059,905

Institution 2018	Freehold land RM	Freehold buildings RM	Leasehold land and buildings RM	Furniture and fittings RM	Office equipment RM	Library books RM	Library software RM	Building renovation RM	Lift RM	Total RM
Carrying amount										
At 31 December	330,279	1,912,440	11,755,339	115,163	379,155	195	21,040	845,751	46,329	15,405,691



Institution 2017	Freehold land RM	Freehold buildings RM	Leasehold land and buildings RM	Furniture and fittings RM	Office equipment RM	Library books RM	Library software RM	Building renovation RM	Lift RM	Total RM
Cost										
At 1 January	330,279	660,557	15,525,761	321,920	1,906,469	319,971	42,077	1,112,054	231,650	20,450,738
Additions	-	1,800,000	-	18,360	178,860	-	-	169,208	-	2,166,428
Disposal	-	(468,558)	-	-	-	-	-	-	-	(468,558)
At 31 December	330,279	1,991,999	15,525,761	340,280	2,085,329	319,971	42,077	1,281,262	231,650	22,148,608
Accumulated depreciation										
At 1 January	-	182,055	3,160,145	236,659	1,635,651	319,580	12,624	566,296	138,990	6,252,000
Charge for the financial year	-	12,840	302,602	7,595	63,405	98	4,207	43,340	23,165	457,252
Disposal	-	(155,176)	-	-	-	-	-	-	-	(155,176)
At 31 December	-	39,719	3,462,747	244,254	1,699,056	319,678	16,831	609,636	162,155	6,554,076
Carrying amount										
At 31 December	330,279	1,952,280	12,063,014	96,026	386,273	293	25,246	671,626	69,495	15,594,532

Note:

- (i) As at 31 December 2018, the document of title in respect of properties with an aggregate carrying amount of RM529,953 (2017: RM533,488) has yet to be issued by the authorities.
- (ii) Included in leasehold land and buildings are assets with a total carrying amount of RM11,072,282 (2017: RM11,357,092) which have been pledged to licensed banks as security for term loan facilities granted to the Institution as disclosed in Note 16 to the financial statements.
- (iii) Fully depreciated property, plant and equipment which are still in use are as follows:

	Group		Institution	
	2018 RM	2017 RM	2018 RM	2017 RM
Furniture and fittings	177,915	175,420	177,915	175,420
Office equipment	1,463,869	1,312,578	1,463,869	1,312,578
Library books	318,996	318,996	318,996	318,996
Building renovation	284,174	265,763	284,174	265,763
	2,244,954	2,072,757	2,244,954	2,072,757

4. Investment properties

	Group and Institution	
	2018 RM	2017 RM
Leasehold land and buildings Cost		
At 1 January/31 December	3,886,559	3,886,559
Accumulated depreciation		
At 1 January	153,862	153,862
Charge for the financial year	154,375	-
At 31 December	308,237	153,862
Carrying amount		
At 31 December	3,578,322	3,732,697

Note:

- (i) Investment properties is carried at cost as the Institution does not engage an independent valuer because undue cost may be required.
- (ii) As at 31 December 2018, the document of title in respect of properties with an aggregate carrying amount of RM39,985 (2017: RM39,985) has yet to be issued by the authorities.



5. Investment in subsidiaries

	Institution	
	2018 RM	2017 RM
Unquoted shares, at cost	200,000	200,000

Details of the investment in subsidiary is as follows:

Name of subsidiary	Principal Activities	Country of Incorporation	Effective ownership interest 2018	Effective ownership interest 2017
			%	%
IEM Training Centre Sdn. Bhd. *	Organising conferences, seminars and trainings	Malaysia	100	100
IEM Academy Sdn. Bhd. *	Provide competency and certification training programmes	Malaysia	100	99.98

* All subsidiaries are audited by PKF.

6. Deferred tax (asset)/liabilities

	Group	
	2018 RM	2017 RM
At 1 January	13,601	10,600
Recognised in profit or loss (Note 24)	(750,292)	3,001
At 31 December	(736,691)	13,601

	Provision RM	Property, plant and equipment RM	Total RM
	Deferred tax liabilities of the Group:		
At 1 January 2018	-	13,997	13,997
Recognised in profit or loss	132,880	(13,029)	119,851
At 31 December 2018	132,880	968	133,848

At 1 January 2017	-	13,242	13,242
Recognised in profit or loss	-	755	755
At 31 December 2017	-	13,997	13,997

Deferred tax assets of the Group:

At 1 January 2018	(396)
Recognised in profit or loss	(870,143)
At 31 December 2018	(870,539)

At 1 January 2017	(2,642)
Recognised in profit or loss	2,246
At 31 December 2017	(396)

7. Goodwill

	Group	
	2018 RM	2017 RM
Goodwill on consolidation	65,588	65,588



8. Trade and non-trade receivables

Receivables are unsecured, interest-free and are payable on demand.

	Group		Institution	
	2018 RM	2017 RM	2018 RM	2017 RM
Subscription in arrears	372,050	516,065	372,050	516,065
Receivables	3,820,704	2,076,119	1,061,326	1,343,106
Less: Impairment				
At 1 January	(99,284)	(49,109)	-	-
	43,180	-	-	-
Addition	(136,929)	(50,175)	(58,498)	-
At 31 December	(193,033)	(99,284)	(58,498)	-
	3,627,671	1,976,835	1,002,828	1,343,106
Deposits	88,250	111,680	57,400	74,630
Prepayments	26,760	30,450	25,310	-
Amount due from a subsidiary	-	-	109,598	130,327
	4,114,731	2,635,030	1,567,186	2,064,128

The amount due from a subsidiary is non-trade in nature, unsecured, interest-free and is repayable on demand.

9. Fixed deposits with licensed banks

	Group		Institution	
	2018 RM	2017 RM	2018 RM	2017 RM
Maturities more than 3 months	3,767,799	2,266,546	2,782,571	616,996
Maturities less than 3 months	504,678	2,735,906	10,000	2,694,897
Less: Fixed deposits held in trust	(986,819)	(928,420)	(986,819)	(928,420)
	3,285,658	4,074,032	1,805,752	2,383,473

Included in cash and bank balances of the Institution are RM57,093 (2017: RM35,999) held as deposits for arbitration cases. The amount was deposited with licensed banks as fixed deposit to earn interest.

The effective interest rate of the fixed deposit ranges from 2.9% to 4.50% (2017: 1.53% to 4.50%) per annum. The maturity of deposits as at the end of the financial year was between 1 month to 12 months (2017: 1 month to 12 months).

10. Accumulated fund

	Note	Group		Institution	
		2018 RM	2017 RM	2018 RM	2017 RM
Opening balance		10,794,927	8,931,127	8,842,899	7,019,509
(Deficit)/Surplus for the financial year		(1,039,096)	2,100,334	(867,253)	2,059,924
		9,755,831	11,031,461	7,975,646	9,079,433
Transfer to:					
- Capital reserve fund	11	(14,604)	(14,604)	(14,604)	(14,604)
- Library fund	12	(63,944)	(23,500)	(63,944)	(23,500)
- Building fund	13	(123,016)	(198,430)	(123,016)	(198,430)
		9,554,267	10,794,927	7,774,082	8,842,899

11. Capital reserve fund

	Note	Group and Institution	
		2018 RM	2017 RM
Opening balance		3,349,478	3,394,874
Repayment of term loan by Sabah branch		160,000	160,500
Drawdown of repayment		(218,500)	(220,500)
Transfer from accumulated fund	10	14,604	14,604
		3,305,582	3,349,478



12. Capital contribution reserve

	Group and Institution	
	2018 RM	2017 RM
Opening balance	3,585,037	3,365,856
Entrance and transfer fees	398,737	219,181
	3,983,774	3,585,037

13. Library fund

	Note	Group and Institution	
		2018 RM	2017 RM
Opening balance		646,354	622,854
Transfer from accumulated fund	10	63,944	23,500
		710,298	646,354

14. Building fund

	Note	Group and Institution	
		2018 RM	2017 RM
Opening balance		3,356,793	3,158,363
Transfer from accumulated fund	10	123,016	198,430
		3,479,809	3,356,793

15. Stem Fund

	Group and Institution	
	2018 RM	2017 RM
Opening balance	-	-
Transfer from accumulated fund	8,609	-
	8,609	-

16. Trade and non-trade payables

	Note	Group		Institution	
		2018 RM	2017 RM	2018 RM	2017 RM
Current:					
Subscription in advance		2,199,455	1,812,453	2,199,455	1,812,453
Trade and non-trade payables and accruals		752,682	1,466,193	695,835	981,157
Deposits refundable		276,624	500,239	276,624	500,239
Deferred revenue		3,614,000			
Amounts due to IEM Education Fund (Note (i))		145,693	3,127	145,693	3,127
		6,988,454	3,782,012	3,317,607	3,296,976
Non-current:					
Amounts due to IEM Education Fund (Note (i))		893,774	840,408	893,774	840,408
		7,882,228	4,622,420	4,211,381	4,137,384



	Group		Institution	
	2018 RM	2017 RM	2018 RM	2017 RM
Note (i)				
Non-trade payables	1,220,772	1,078,206	1,220,772	1,078,206
Less: Amortised cost adjustment				
At 1 January	(234,671)	(248,109)	(234,671)	(248,109)
Add: Current year adjustment	53,366	13,438	53,366	13,438
At 31 December	(181,305)	(234,671)	(181,305)	(234,671)
	1,039,467	843,535	1,039,467	843,535

Representing:

Current	145,693	3,127	145,693	3,127
Non-current	893,774	840,408	893,774	840,408
	1,039,467	843,535	1,039,467	843,535

The amount for the non-current portion represents unsecured and interest-free advances with amortised cost adjustment at 6.35% (2017: 6.35%) per annum, which is payable at the end of financial year 2020.

17. Borrowings

Note	Group and Institution	
	2018 RM	2017 RM
Current		
Term loan - secured	86,437	120,771
Non-current		
Term loan - secured	1,273,128	1,315,423
	1,359,565	1,436,194
Repayable within one year	86,437	120,771
Repayable between one to two years	92,858	120,771
Repayable between two to five years	321,948	362,314
Repayable more than five years	858,322	832,338
	1,273,128	1,315,423
Total borrowings	1,359,565	1,436,194

Details of the repayment terms are as follows:

Term loan	Monthly installment	Number of monthly installment	Date of commencement of repayment	2018 Amount outstanding	2017 Amount outstanding
	RM	RM	RM	RM	RM
1	1,217	240	January 2010	158,239	163,185
3	13,357	180	September 2014	1,201,326	1,273,009
				1,359,565	1,436,194

Security

The term loans were secured via fixed charges over leasehold lands and buildings as mentioned in Note 3 to the financial statements.

The term loans are subject to interest rates ranging from Base Lending Rate ("BLR") -1.5% to BLR + 0.25% per annum (2017: BLR -1.5% to BLR + 0.25%) per annum.

At the reporting date, the BLR stood at 5.35% to 7.17% (2017: 6.72%) per annum.



18. Personnel emoluments and benefits

	Group		Institution	
	2018 RM	2017 RM	2018 RM	2017 RM
These represent expenses incurred in relation to:				
Salaries and wages	(2,472,852)	(2,415,011)	(2,072,556)	(2,007,330)
Staff allowance and ex-gratia	(256,080)	(231,805)	(254,162)	(226,274)
Overtime	(39,563)	(49,240)	(39,563)	(49,240)
EPF and SOCSO contributions	(441,041)	(359,372)	(378,457)	(307,377)
Medical expenses	(10,804)	(11,468)	(10,534)	(8,661)
Staff insurance	(3,144)	(8,620)	(3,144)	(8,620)
Staff training	(1,727)	(5,806)	(1,727)	(3,250)
Long service award	(500)	(7,500)	(500)	(7,500)
Staff trip	-	(53,751)	-	(53,751)
Others	(12,708)	(631)	(12,708)	-
	(3,238,419)	(3,143,204)	(2,773,351)	(2,672,003)

The total number of employees of the Group and of the Institution at 31 December 2018 was 53 and 41 (2017: 48 and 40) respectively.

19. Administrative expenses

	Group		Institution	
	2018 RM	2017 RM	2018 RM	2017 RM
These represent expenses incurred in relation to:				
Advertisement	(7,407)	(18,266)	(2,747)	(3,610)
Accountancy fee	(35,772)	(60,310)	(33,485)	(43,500)
Auditors' remuneration	(45,000)	(40,000)	(31,000)	(26,000)
Annual general meeting	(11,651)	(16,618)	(11,651)	(16,618)
Bad debts written off	-	(2,000)	-	-
Bank charges	(24,097)	(14,289)	(14,481)	(10,438)
Balloting expenses	(28,123)	(79,774)	(28,123)	(79,774)
Credit card charges	(60,029)	(54,394)	(60,029)	(54,394)
Company trip	-	(8,220)	-	-
Donation	(5,618)	(5,845)	-	-
Entertainment	-	(14,633)	-	-
E-perolehan renewal	(400)	(199)	-	-
Fine and penalty	(680)	(3,955)	(566)	(340)
HRDF fund	-	(3,000)	-	-
Holding tax	(8,709)	-	-	-
Insurance	(21,846)	(26,392)	(17,382)	(11,660)
Impairment of loss on trade receivable	(63,251)	(50,175)	-	-
New year lunch	(2,290)	(3,185)	-	-
Mailing services	(71,962)	(68,721)	(71,962)	(68,721)
Miscellaneous	(147,323)	(141,239)	(172,939)	(141,239)
Maintenance	(30,680)	(18,000)	-	-
Marketing and promotion	(30,000)	-	(30,000)	-
Meeting allowance	(13,600)	(31,420)	-	-
Medical expenses	(1,441)	(155)	-	-
Non-refundable deposit	(32,500)	-	-	-
Overdraft charges	(15,091)	(15,032)	(15,091)	(15,032)
Office printing and stationery	(247,389)	(245,884)	(221,197)	(221,909)
Office equipment maintenance	(12,988)	(16,513)	(12,680)	(1,642)
Office expenses	(29,807)	(18,598)	(25,598)	(18,598)
Professional, legal fee and tax service fees	(40,973)	(126,408)	(25,012)	(102,506)
Position papers and ad hoc committee	-	(209)	-	(209)
Postages	(363,947)	(332,852)	(363,072)	(331,087)
Phone allowance	(3,996)	(5,224)	-	-
Stamp duty	(266)	(36)	-	-
SST Expenses	(202)	-	-	-



Rental	(103,500)	(48,800)	-	-
Refreshment	(108)	(2,907)	-	-
Reimburse account	-	(701)	-	-
Registration fee	(2,678)	(5,910)	-	-
Renewal of MOF	-	(425)	-	-
Telephone, fax and internet	(49,209)	(52,404)	(42,328)	(44,522)
Training	-	(283)	-	-
Token of appreciation	-	(6,000)	-	-
Transport and traveling	(72,149)	(105,402)	(68,521)	(89,440)
Upkeep of furniture and fittings	(7,318)	(3,089)	-	-
Website maintenance	(38,000)	(48,827)	-	-
Water and electricity	(6,581)	(8,244)	-	-
	(1,636,581)	(1,704,538)	(1,247,864)	(1,281,239)

20. Branch subsidies

	Group and Institution	
	2018 RM	2017 RM
These represent subsidies given to the following branches:		
Negeri Sembilan branch	(25,095)	(25,040)
Southern branch	(51,714)	(57,890)
Perak branch	(46,120)	(45,030)
Penang branch	(51,095)	(45,000)
Malacca branch	(11,687)	(12,460)
Sarawak branch	(89,465)	(93,260)
Sabah branch	(54,827)	(90,030)
Miri branch	(21,435)	(14,680)
Kedah/Perlis branch	(24,423)	(17,700)
Kelantan branch	(6,109)	(8,000)
Terengganu branch	(8,560)	(9,000)
Pahang branch	(18,734)	(20,060)
Branch development fund	(9,000)	(25,000)
	(418,264)	(463,150)

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.

21. Inter-society activities

	Group and Institution	
	2018 RM	2017 RM
These represent subscriptions incurred in relation to:		
Balai Ikhtisas Malaysia (BIM)	(1,500)	(1,500)
World Federation of Engineering Organisations (WFEO)	(13,287)	(3,432)
ASEAN Federation of Engineering Organisation (AFEO)	(1,648)	(854)
Confederation of Scientific and Technological Association Malaysia (COSTAM)	-	(200)
Federation of Engineering Institutions of Asia and the Pacific (FEIAP)	(3,232)	(3,201)
Building Management Association of Malaysia (BMAM)	(500)	(500)
Malaysia Green Building Confederation (MGBC)	(133)	(200)
EAROPH	(260)	-
Malaysian Service Providers Confederation (MSPC)	(500)	(500)
SIRIM Technical Library	(1,000)	(1,000)
	(22,060)	(11,387)



22. Surplus from institutional services

	Note	Group and Institution	
		2018 RM	2017 RM
These represent income from the following:			
Council		(22,681)	(20,768)
Executive committee		(7,684)	(4,521)
Standing committee on:			
- Activities committee	26	17,933	(83,769)
- Admissions and practical training committee	27	44,038	69,888
- Examinations and qualifications committee	28	(103,091)	273,286
- Finance		(179)	(17,609)
- Professional practice		10,217	(19,747)
- Information and publications committee	29	74,877	73,643
- Welfare and service matters committee	30	(40,939)	(44,761)
- Corporate affairs committee	31	(86,612)	(126,264)
Technical divisions	32	558,314	456,882
Library committee		(92,096)	(79,940)
Young engineer section	33	(18,377)	(46,540)
Awards committee		(9,896)	(27,055)
Woman Engineers section		193,458	(14,596)
Ad Hoc Committee		(7)	28,384
		517,275	416,513

23. Surplus from rental income

	Note	Group and Institution	
		2018 RM	2017 RM
Rental Income:			
- Bangunan Ingenieur		230,646	236,465
- Wisma IEM		153,520	689,536
- Penang Branch		-	10,000
- Sabah Training Centre		264,000	249,057
		648,166	1,185,058
Less Expenditure:			
- Bangunan Ingenieur	34	(239,386)	(264,574)
- Wisma IEM	35	(234,530)	(158,872)
- Sabah Training Centre	36	(43,500)	(43,500)
- Depreciation			
- property, plant and equipment		(428,230)	(381,947)
- investment properties		(154,375)	-
- Finance Costs		(97,319)	(117,427)
		(1,197,340)	(966,320)
		(549,174)	218,738

24. Dividend

	Gross dividend per share RM	Amount of dividend net of tax RM	Date of received
2017 Group			
Other		793	
Company			
In respect of financial year ended 31 December 2017:			
Final single-tier dividend	200	200,000	27 July 2018
In respect of financial year ended 31 December 2016:			
Final single-tier dividend	288	288,486	4 October 2018
		488,496	
Other		793	
Total		489,289	



25. Tax expense/(income)

	Group		Institution	
	2018 RM	2017 RM	2018 RM	2017 RM
Current tax				
- current period		139,392		-
- (over)/under provision in prior year		(8,367)		274
- Real property gains tax		67,858		67,858
		198,883		68,132
Deferred tax (note 16)				
- Current year		8,274		-
- Prior year		(5,273)		-
		3,001		-
		201,884		68,132

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.

Reconciliation of effective tax expense

	Group		Institution	
	2018 RM	2017 RM	2018 RM	2017 RM
Surplus before taxation		1,956,684		1,891,522
Income tax using statutory tax rate 24%		469,604		453,965
Reduction of tax rate on first RM 500,000 of chargeable income		(50,385)		-
Non-deductible expenses		393,649		214,860
Non-taxable income		(668,825)		(668,825)
Deferred tax assets not recognised during the year		3,623		
Real property gains tax		67,858		67,858
		215,524		67,858
(Over)/Under provision of current tax in the prior year		(8,367)		274
Over provision of deferred tax in the prior year		(5,273)		-
Tax expense		201,884		68,132

26. Activities committee

	Group and Institution	
	2018 RM	2017 RM
These represent surplus from the following:		
Annual dinner	34,903	(17,401)
Souvenir costs	2,210	(13,407)
Seminar/Courses/Materials	(4,879)	(3,700)
Others	(14,301)	(49,261)
	17,933	(83,769)

27. Admissions and practical training committee

	Group and Institution	
	2018 RM	2017 RM
These represent surplus from the following:		
Meeting	(4,889)	(2,822)
Printing/Circulars	(5,388)	(4,335)
Miscellaneous	(8,586)	25,634
Membership Drive	(17,279)	(22,556)
CPD income	98,074	105,712
CPD expenses	(2,913)	(8,915)
Incentive for university	(24,965)	(22,830)
Others	9,984	-
	44,038	69,888



28. Examinations and qualifications committee

	Group and Institution	
	2018 RM	2017 RM
These represent surplus/(deficit) from the following:		
Professional interview fee	135,972	413,679
Professional interviewers' fee	(209,404)	(86,543)
PI Workshop	15,669	4,564
Meeting	(3,785)	(1,903)
Other expenses	(41,543)	(56,511)
	(103,091)	273,286

29. Information and publications committee

	Group and Institution	
	2018 RM	2017 RM
These represent surplus from the following:		
Advertisements in bulletin	78,000	72,000
Meeting	(1,410)	(986)
Sale of coffee table book	-	1,810
Others	(1,713)	819
	74,877	73,643

30. Welfare and service matters committee

	Group and Institution	
	2018 RM	2017 RM
These represent deficit from the following:		
Benevolent Income	31,768	27,980
Engineering Week	(9,412)	(24,229)
Other income	2,410	1,904
Meeting	(607)	(688)
Prize for SPM/STPM achievers	(5,300)	(5,100)
Miscellaneous	-	(2,528)
IEM Family Day	(53,974)	(32,142)
Jurutera Wargamas	(5,824)	(9,958)
	(40,939)	(44,761)

31. Corporate affairs committee

	Group and Institution	
	2018 RM	2017 RM
These represent deficit from the following:		
Attending seminars and conference	(56,663)	(96,622)
Public relation	(5,778)	(3,204)
Overseas visitors	(339)	(7,876)
Local social functions	(19,768)	(13,818)
Others	(4,064)	(4,744)
	(86,612)	(126,264)

32. Technical divisions

	Group and Institution	
	2018 RM	2017 RM
These represent surplus from the following:		
Geotechnical Engineering Technical Division	11,195	122,500
Chemical Engineering Technical Division	(15,757)	11,479
Project Management Technical Division	14,260	166,201



Building Services Engineering Technical Division	65,034	40,342
Mechanical Engineering Technical Division	(13,123)	48,944
Civil and Structural Engineering Technical Division	58,540	49,274
Electrical Engineering Technical Division	154,817	(742)
Water Resources Technical Division	4,214	23,954
Oil & Gas and Mining Engineering Technical Division	1,747	17,572
Environmental Engineering Technical Division	(4,160)	10,714
Highway and Transportation Engineering Technical Division	17,510	33,837
Engineering Education Technical Division	1,200	13,159
Information Technology Special Interest Group	3,587	2,193
Agricultural and Food Engineering Technical Division	6,524	1,876
Tunneling and Underground Space Engineering Technical Division	73,194	26,347
Electronic Engineering Technical Division	-	(7,060)
Marine Engineering & Naval Architecture Technical Division	2,359	(1,387)
Public Sector Engineers Special Interest Group	(690)	(2,083)
Consulting Engineers Special Interest Group	(2,981)	12,424
Urban Engineers development SIG	(2,061)	4,375
Senior SIG	(1,420)	4,915
MNATD Sub	(1,008)	-
Technical divisions incentive account	(185,334)	(121,952)

	558,314	445,188
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33. Young engineer section

	Group and Institution	
	2018	2017
	RM	RM
These represent income incurred in relation to:		
Income		
- Courses, seminar & other activities	27,787	33,811
- Sales of Code of Ethics	30	90
- Interest income on fixed deposits	7,782	6,469

	35,599	40,370
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Less: Expenditure		
- AGM and Annual Dinner	(2,310)	(5,014)
- YEAFEO	(1,000)	-
- Printing and photocopying	(1,200)	-
- Courses/Seminars and activities	(10,741)	(32,520)
- Others	(38,725)	(49,376)

	(53,976)	(86,910)
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	(18,377)	(46,540)
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34. Bangunan Ingenieur

	Group and Institution	
	2018	2017
	RM	RM
These represent expenses incurred in relation to:		
License fee	(1,405)	(100)
Quit rent and assessment	(16,217)	(16,237)
Insurance	(3,180)	(2,957)
Building repairs and maintenance	(43,407)	(89,319)
Building security	(85,287)	(61,763)
Utilities	(89,889)	(94,198)

	(239,385)	(264,574)
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35. Wisma IEM

	Group and Institution	
	2018 RM	2017 RM
These represent expenses incurred in relation to:		
License fee	(610)	(605)
Building security	(87,703)	(67,253)
Quit rent and assessment	(32,080)	(32,100)
Insurance	(11,359)	(11,281)
Building repairs and maintenance	(63,159)	(27,495)
Utilities	(39,619)	(20,138)
	(234,530)	(158,872)

36. Sabah Training Centre

	Group and Institution	
	2018 RM	2017 RM
These represent expenses incurred in relation to:		
Building repairs and maintenance	(43,500)	(43,500)

37. Financial instruments

Categories of financial instruments

Group	Loan and receivables RM	Available for sale financial assets RM	Financial liabilities at amortised cost RM
2018 Financial assets			
Trade and non-trade receivables (excluding prepayments)	4,087,971	-	-
Fixed deposits with licensed bank	3,285,658	-	-
Cash and bank balances	3,248,926	-	-
	10,622,555	-	-
Financial liabilities			
Trade and non-trade payables	-	-	7,882,228
Borrowings	-	-	1,359,565
	-	-	9,241,793
Group			
2017 Financial assets			
Trade and non-trade receivables (excluding prepayments)	2,604,580	-	-
Fixed deposits with licensed bank	4,074,032	-	-
Cash and bank balances	1,396,881	-	-
	8,075,493	-	-
Financial liabilities			
Trade and non-trade payables	-	-	4,622,420
Borrowing	-	-	1,436,194
	-	-	6,058,614



Institution	Loan and receivables RM	Available for sale financial assets RM	Financial liabilities at amortised cost RM
2018 Financial assets			
Trade and non-trade receivables (exclude prepayments)	1,541,876	-	-
Fixed deposits with licensed banks	1,805,752	-	-
Cash and bank balances	2,076,725	-	-
	5,424,353	-	-
Financial liabilities			
Trade and non-trade payables	-	-	4,211,381
Borrowing	-	-	1,359,565
	-	-	5,570,946
2017 Financial assets			
Trade and non-trade receivables (exclude prepayments)	2,064,128	-	-
Dividend receivable	488,496	-	-
Fixed deposits with licensed banks	2,383,473	-	-
Cash and bank balances	691,389	-	-
	5,627,486	-	-
Financial liabilities			
Trade and non-trade payables	-	-	4,137,384
Borrowing	-	-	1,436,194
	-	-	5,573,578
Net gain and losses arising from financial instruments			
		2018 RM	2017 RM
Net losses/(gains) arising from:			
Group			
Amortised cost			
Impairment loss on receivables		136,929	50,175
Bad debts written off		-	2,000
Reversal of impairment loss on trade receivables		(43,180)	-
Interest expense		97,319	117,427
Interest income		(109,441)	(150,179)
		81,627	19,423
Net losses/(gains) arising from:			
Institution			
Amortised cost			
Impairment on non-trade receivables		58,498	-
Interest expense		97,319	117,427
Interest income		(62,775)	(109,488)
		93,042	7,939



38. Comparative figures

Certain comparative figures have been reclassified to conform with the current year's presentation as follows:

	Group		Institution	
	As restated RM	As audited RM	As restated RM	As audited RM
Property, plant and equipment	15,826,063	19,558,760	15,594,532	19,327,229
Investment properties	3,732,697	-	3,732,697	-

39. General information

The Institution of Engineers, Malaysia is a registered institution registered under the Societies Act, 1966 and domiciled in Malaysia.

The principal activities of the Institution are to promote and advance the science and profession of all aspects of engineering. The principal activities of the subsidiaries is disclosed in Note 4 of the financial statements.

There has been no significant change in the nature of the activities of the Group and of the Institution during the financial year.

The registered office and principal place of business are located at Bangunan Ingenieur, Lot 60&62, Jalan 52/4, Peti Surat 223, Jalan Sultan, 46720 Petaling Jaya, Selangor Darul Ehsan.

The financial statements were approved and authorised for issue by the Council of Institution on 11 March 2019.



STATEMENT BY THE COUNCIL

In the opinion of the Council, the financial statements as set out on pages 165 to 188 are prepared, in all material respects, in accordance with the Malaysian Private Entities Reporting Standard ("MPERS") and the rules of The Institution of Engineers, Malaysia.

Signed on behalf of the Council,

.....
Ir. DAVID LAI KONG PHOOI
President

Petaling Jaya
4 April 2019

.....
Ir. Dr. TAN CHEE FAI
Hon Treasurer

**STATUTORY DECLARATION BY THE OFFICER PRIMARILY RESPONSIBLE FOR THE FINANCIAL MANAGEMENT OF THE
INSTITUTION**

I, Ir. DAVID LAI KONG PHOOI the officer primarily responsible for the financial management of THE INSTITUTION OF ENGINEERS, MALAYSIA, do solemnly and sincerely declare that to the best of my knowledge and belief, the accompanying financial statements as set out on pages 165 to 188 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 Kuala Lumpur in)
Wilayah Persekutuan on 4 April 2019)

.....
Ir. DAVID LAI KONG PHOOI
President

Before me,

.....
COMMISSIONER FOR OATHS, MALAYSIA
Lot 1.08, Tingkat 1
Dangunan KWSP, Jln Raja Laut
50350 Kuala Lumpur
Tel: 019 6690745



INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF THE INSTITUTION OF ENGINEERS, MALAYSIA

(Reg. No. 1356)
(Incorporated In Malaysia)
(And its Subsidiary)

Report on the Audit of the Financial Statements

We have audited the financial statements of The Education Fund of The Institution of Engineers, Malaysia ("the Fund") which comprise the statement of financial position as at 31 December 2018, and the statement of income and expenditure, statement of recognised gains and losses and statement of cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies, as set out on pages 168 to 188.

In our opinion, the accompanying financial statements give a true and fair view of the financial position of the Fund as at 31 December 2018, and of its financial performance and its cash flows for the year then ended in accordance with Malaysian Private Entities Reporting Standard and the rules of The Institution of Engineers, Malaysia.

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 are independent of the Fund 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' Code of Ethics for Professional Accountants ("IESBA Code"), and we have fulfilled our other ethical responsibilities in accordance with the By-Laws and the IESBA Code.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibilities of the Council for the Financial Statements

The Council of the Institution of Engineers, Malaysia ("the Council") are responsible for the preparation of financial statements of the Fund that give a true and fair view in accordance with Malaysian Private Entities Reporting Standard and the rules of The Institution of Engineers, Malaysia. The Council is also responsible for such internal control as the Council determines necessary to enable the preparation of financial statements of the Fund that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements of the Fund, the Council is responsible for assessing the Fund ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the Council either intend to liquidate the Fund or to cease operations, or have 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 Fund 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 judgement and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements of the Fund 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 Fund's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the Council.



- 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 Fund'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 Fund 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 Fund to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements of the Fund including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with the Council 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.

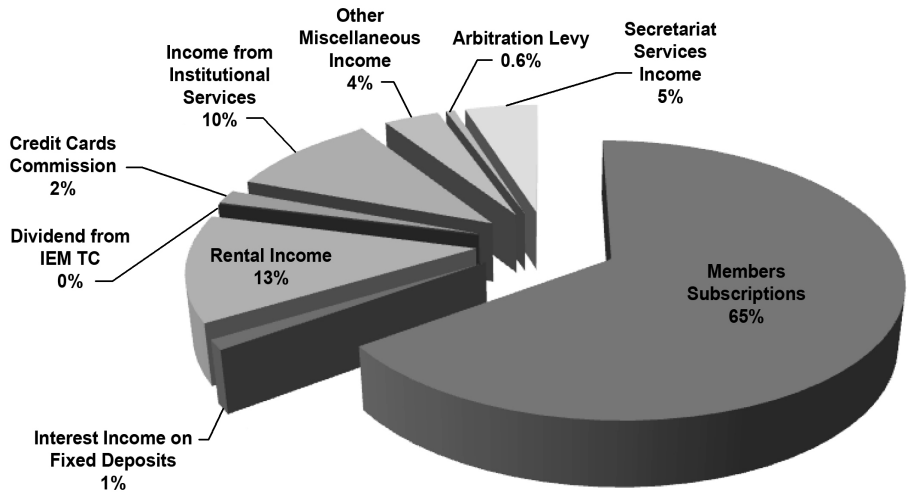
PKF
AF 0911
CHARTERED ACCOUNTANTS

Kuala Lumpur
4 April 2019

NGU SIOW PING
03033/11/2019 J
CHARTERED ACCOUNTANT

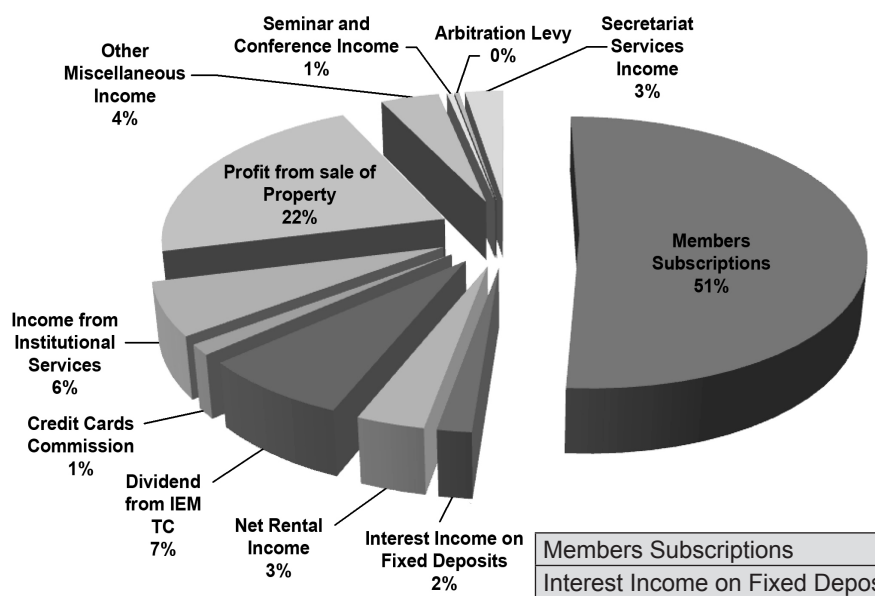


Income for the year 2018 Total income RM5,113,070



Members Subscriptions	3,329,803
Interest Income on Fixed Deposits	62,775
Dividend from IEM TC	-
Credit Cards Commission	84,401
Income from Institutional Services	517,275
Rental Income	648,166
Secretariat Services Income	249,456
Other Miscellaneous Income	190,143
Arbitration Levy	31,051

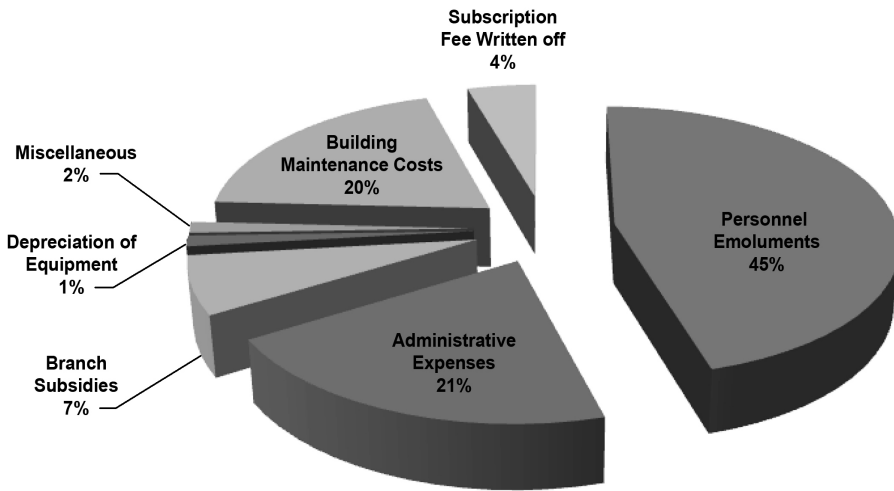
Income for the year 2017 Total income RM7,545,231



Members Subscriptions	3,388,097
Interest Income on Fixed Deposits	109,488
Net Rental Income	1,185,058
Credit Cards Commission	83,247
Dividend from IEM TC	489,289
Institutional Services	404,819
Arbitration Levy	22,211
Secretariat Services Income	168,630
Other Miscellaneous Income	257,774
Sale of Penang Branch Property	1,436,618

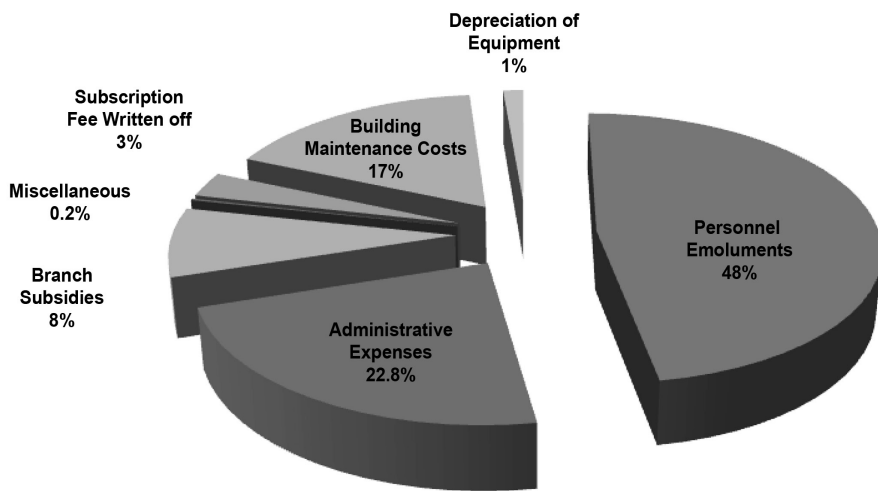


Expenses for the year 2018 Total Expenses RM6,081,431



Personnel Emoluments	2,773,351
Administrative Expenses	1,259,864
Branch Subsidies	418,264
Building Maintenance Costs	1,197,340
Subscription Fee Written off	274,455
Depreciation of Equipment	77,599
Miscellaneous	80,558

Expenses for the year 2017 Total Expenses RM5,640,271



Personnel Emoluments	2,672,003
Administrative Expenses	1,281,239
Branch Subsidies	463,150
Building Maintenance Costs	966,320
Subscription Fee Written off	169,742
Depreciation of Equipment	75,305
Miscellaneous	12,512



HONORARY INTERNAL AUDITOR'S REPORT

I have examined the Balance Sheet as at 31st December 2018, the Income and Expenditure Account together with Notes on the Accounts set out on pages 199 to 204, 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.

[Handwritten signature of Ir. Awangku Hidup Bin Awangku Hosain]

Ir. AWANGKU HIDUP BIN AWANGKU HOSAIN
Honorary Internal Auditor

[Handwritten signature of Ir. Tiong Ngo Pu]

Ir. TIONG NGO PU
Honorary Internal Auditor

STATEMENT BY COUNCIL

In the opinion of the Council, the financial statements as set out on pages 197 to 204 are prepared, in all material respects, in accordance with the Malaysian Private Entities Reporting Standard ("MPERS") and the rules of The Institution of Engineers, Malaysia.

Signed on behalf of the Council,

[Handwritten signature of Ir. David Lai Kong Phooi]

Ir. DAVID LAI KONG PHOOI
President

[Handwritten signature of Ir. Dr. Tan Chee Fai]

Ir. Dr. TAN CHEE FAI
Hon Treasurer

Petaling Jaya
4 April 2019

STATUTORY DECLARATION BY THE OFFICER PRIMARILY RESPONSIBLE FOR THE FINANCIAL MANAGEMENT OF THE EDUCATION FUND OF THE INSTITUTION OF ENGINEERS, MALAYSIA

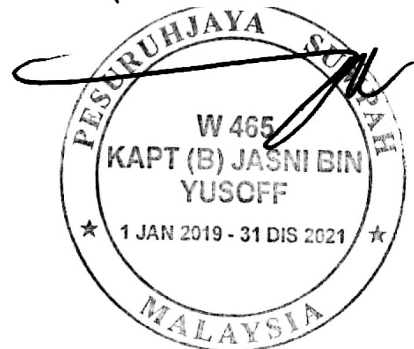
I, Ir. DAVID LAI KONG PHOOI the officer primarily responsible for the financial management of THE EDUCATION FUND OF THE INSTITUTION OF ENGINEERS, MALAYSIA, do solemnly and sincerely declare that to the best of my knowledge and belief, the accompanying financial statements as set out on pages 197 to 204 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 Kuala Lumpur in)
Wilayah Persekutuan on 4 April 2019)

[Handwritten signature of Ir. David Lai Kong Phooi]

Ir. DAVID LAI KONG PHOOI
President

Before me,



Lot 1.08, Tingkat 1
COMMISSIONER FOR OATHS, Jin Raja Laut
50350 Kuala Lumpur
Tel: 018 6680745



INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF THE EDUCATION FUND OF THE INSTITUTION OF ENGINEERS, MALAYSIA

(Reg. No. 1356)

(Registered in Malaysia)

Report on the Audit of the Financial Statements

Opinion

We have audited the financial statements of The Education Fund of The Institution of Engineers, Malaysia ("the Fund") which comprise the statement of financial position as at 31 December 2018, and the statement of income and expenditure, statement of recognised gains and losses and statement of cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies, as set out on pages 199 to 204.

In our opinion, the accompanying financial statements give a true and fair view of the financial position of the Fund as at 31 December 2018, and of its financial performance and its cash flows for the year then ended in accordance with Malaysian Private Entities Reporting Standard and the rules of The Institution of Engineers, Malaysia.

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 are independent of the Fund 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' Code of Ethics for Professional Accountants ("IESBA Code"), and we have fulfilled our other ethical responsibilities in accordance with the By-Laws and the IESBA Code.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibilities of the Council for the Financial Statements

The Council of the Institution of Engineers, Malaysia ("the Council") are responsible for the preparation of financial statements of the Fund that give a true and fair view in accordance with Malaysian Private Entities Reporting Standard and the rules of The Institution of Engineers, Malaysia. The Council is also responsible for such internal control as the Council determines necessary to enable the preparation of financial statements of the Fund that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements of the Fund, the Council is responsible for assessing the Fund ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the Council either intend to liquidate the Fund or to cease operations, or have 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 Fund 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 judgement and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements of the Fund 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 Fund's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the Council.



- 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 Fund'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 Fund 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 Fund to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements of the Fund including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with the Council 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.

PKF
AF 0911
CHARTERED ACCOUNTANTS

Kuala Lumpur
4 April 2019

NGU SIOW PING
03033/11/2019 J
CHARTERED ACCOUNTANT



STATEMENT OF INCOME AND EXPENDITURE FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2018

	Note	2018 RM	2017 RM
Income			
Donation received		49,810	227,036
Bank interest		1,717	1,672
Fixed deposit interest income		43,234	38,132
Amortisation cost adjustment		53,366	13,438
		148,127	280,278
Less: Expenditure			
Auditors' remuneration		2,000	2,000
Bank charges		15	225
Professional fees and tax services		1,775	1,500
Sponsorship expenses		44,896	63,545
Scholarships		34,000	29,500
Printing & stationery		574	458
Travelling expenses		4,669	-
Telephone & fax		-	89
Stamp duty		-	8
Seminar		-	4,320
		87,929	101,645
Surplus before tax		60,198	178,633
Tax expense	3	-	-
Surplus for the financial year		60,198	178,633
Accumulated funds brought forward		2,504,711	2,326,078
		2,564,909	2,504,711

STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2018

	Note	2018 RM	2017 RM
Non-current assets			
Property, plant and equipment	4	-	-
Intangible asset	5	-	-
Non-trade receivables	6	893,774	840,408
		893,774	840,408
Current assets			
Non-trade receivables	6	153,320	9,318
Tax recoverable		3,189	3,189
Fixed deposits	7	1,460,409	1,418,611
Bank balances		172,807	255,000
		1,789,725	1,686,118
		2,683,499	2,526,526
Financed by:			
Accumulated funds		2,504,711	2,326,078
Surplus for the financial year		60,198	178,633
		2,564,909	2,504,711
Current liability			
Non-trade payables and accruals	8	118,590	21,815
		2,683,499	2,526,526

STATEMENT OF RECOGNISED GAINS AND LOSSES FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2018

	2018 RM	2017 RM
Surplus for the financial year	60,198	178,633



STATEMENT OF CASH FLOWS FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2018

	Note	2018 RM	2017 RM
Cash flows from operating activities			
Surplus before tax		60,198	178,633
Adjustments for:			
Amortised cost adjustment		(53,366)	(13,438)
Interest income		(44,951)	(39,804)
Operating (deficit)/surplus before working capital changes		(38,119)	125,391
(Increase)/Decrease in receivables		(144,002)	140,340
Increase in payables		96,775	3,225
Cash (used in)/generated from operations		(85,346)	268,956
Interest received		1,717	1,672
Net cash (used in)/from operating activities		(83,629)	270,628
Cash flows from financing activities			
Increase in fixed deposit		1,436	-
Net cash from financing activity		1,436	-
Net (decrease)/increase in cash and cash equivalents		(82,193)	270,628
Cash and cash equivalents at 1 January		255,000	183,149
Cash and cash equivalents at 31 December	(i)	172,807	453,777

Note:

- (i) Cash and cash equivalents

Cash and cash equivalents included in the statement of cash flows comprise the following:

	2018 RM	2017 RM
Bank balances	172,807	255,000
Fixed deposits with a licensed bank with original maturities less than 3 months	-	198,777

172,807

453,777



NOTES TO THE FINANCIAL STATEMENTS AS AT 31 DECEMBER 2017

1. Basis of preparation**(a) Statement of Compliance**

The financial statements of The Education Fund of The Institution of Engineers, Malaysia ("the Fund") have been prepared in accordance with Malaysian Private Entities Reporting Standards ("MPERS") and the rules of The Institution of Engineers, Malaysia.

The financial statements of the the Fund have been prepared under the historical cost convention, unless otherwise indicated in the significant accounting policies below.

(b) Functional and Presentation Currency

These financial statements are presented in Ringgit Malaysia ("RM"), which is the Fund's functional currency. All financial information is presented in RM and has been rounded to the nearest RM except when otherwise stated.

2. Summary of significant accounting policies**(a) Revenue***Interest Income*

Interest income is recognised on accruals basis using the effective interest method.

Donation received

Donation is recognised in the statement of income and expenditure on cash receipt basis.

(b) Income taxes

Tax expense in income and expenditure comprises current and deferred tax. Current tax and deferred tax is recognised in income and expenditure.

Current tax is the expected tax payable or receivable on the taxable income or loss for the financial year, using tax rates enacted or substantively enacted by the end of the reporting period, and any adjustment to tax payable in respect of previous years.

Deferred tax is recognised using the liability method for all temporary differences between the carrying amounts of assets and liabilities in the statement of financial position and their tax bases. Deferred tax is not recognised for the temporary differences arising from the initial recognition of goodwill, the initial recognition of assets and liabilities in a transaction which is not a business combination and that affects neither accounting nor taxable profit or loss. Deferred tax is measured at the tax rates that are expected to be applied to the temporary differences when they reverse, based on the laws that have been enacted or substantively enacted by the end of the reporting period.

A deferred tax asset is recognised to the extent that it is probable that future taxable profits will be available against which the temporary difference can be utilised. Deferred tax assets are reviewed at the end of each reporting period and are reduced to the extent that it is no longer probable that the related tax benefit will be realised.

At the end of each reporting period, the carrying amount of a deferred tax asset is reviewed, and is reduced to the extent that it is no longer probably that sufficient taxable profit will be available to allow the benefit of a part or all of that deferred tax asset to be utilised. Any such reduction will be reversed to the extent that it becomes probably that sufficient taxable profit will be available.

A current or deferred tax is recognised as income and expense in profit or loss for the period, except to the extent that the tax arises from items recognised outside profit or loss. For an income or expense item recognised in other comprehensive income, the current or deferred tax expense or tax income is recognised in other comprehensive income. For items recognised directly in equity, the related tax effect is also recognised directly in equity.



(c) Property, plant and equipment

Property, plant and equipment are stated at cost less accumulated depreciation and accumulated impairment losses. The policy of recognition and measurement of impairment losses is in accordance with Note 2 (g).

(i) Recognition and measurement

Cost includes purchase price for purchased assets, any other costs directly attributable in bringing the asset to its present location and condition for its intended use, cost of replacing component parts of the assets, and the present value of the expected cost for the decommissioning of the assets after their use. The cost of self-constructed assets also includes the cost of materials and direct labour. Borrowing cost and all other repair and maintenance costs are recognised in income and expenditure as incurred.

The cost of property, plant and equipment recognised as a result of a business combination is based on fair value at acquisition date. The fair value of property is the estimated amount for which a property could be exchanged on the date of valuation between a willing buyer and a willing seller in an arm's length transaction after proper marketing wherein the parties had each acted knowledgeably, prudently and without compulsion. The fair value of other items of plant and equipment is based on the quoted market prices for similar items.

When significant parts of an item of property, plant and equipment have different useful lives, they are accounted for as separate items (major components) of property, plant and equipment.

Property, plant and equipment are derecognised upon disposal or when no future economic benefits are expected from its use or disposal. Gains or losses arising on the disposal of property, plant and equipment are determined as the difference between the disposal proceeds and the carrying amount of the assets and are recognised in income and expenditure.

(ii) Subsequent costs

The cost of replacing part of an item of property, plant and equipment is recognised in the carrying amount of the item if it is probable that the future economic benefits embodied within the part will flow to The Education Fund and its cost can be measured reliably. The costs of the day-to-day servicing of property, plant and equipment are recognised in the income and expenditure as incurred. Investment property whose fair value cannot be measured reliably without undue cost or effort is measured on the cost model.

(iii) Depreciation

Depreciation is recognised in the income and expenditure on straight line basis to write off the cost or valuation of each asset to its residual value over its estimated useful life.

Property, plant and equipment are depreciated based on the estimated useful lives of the assets as follows:

Office equipment	10%
Furniture and fittings	10%
Computers	40%

The residual values, useful lives and depreciation method are reviewed at each reporting period end to ensure that the amount, method and period of depreciation are consistent with previous estimates and the expected pattern of consumption of the future economic benefits embodied in the property, plant and equipment.

(d) Intangible assets

(i) Intangible assets acquired separately

The initial cost of a separate acquired intangible asset includes its purchase price and any directly attributable cost of preparing the asset for its intended use. Subsequent to initial recognition, intangible assets are measured at cost less accumulated amortisation and accumulated impairment losses. Amortisation is recognised in the income and expenditure on straight line basis to write off the cost of each intangible asset to its residual value over its estimated useful life from the date it is available for use.

Software are amortised based on the estimated useful lives of 5 years.

The estimated useful lives and amortisation methods are reviewed at the end of each reporting date, with the effect of any changes in estimate being accounted for on a prospective basis.

(ii) Derecognition of intangible assets

An intangible asset is derecognised on disposal, or when no future economic benefits are expected from use or disposal. Gains or losses arising from derecognition of an intangible asset, measured as the difference between the net disposal proceeds and the carrying amount of the asset, are recognised in income and expenditure when the asset is derecognised.

See accounting policy Note 2(g) to the financial statements on impairment of non-financial assets for intangible assets.



(e) Financial instruments

Financial assets and financial liabilities, including derivative instruments, are recognised on the statements of financial position when, and only when, The Education Fund become a party to the contractual provisions of the financial instrument.

Financial assets and financial liabilities are initially recognised at the transaction price plus transaction costs if they are not measured at fair value through profit or loss unless the arrangement constitutes, in effect, a financing transaction. Financial assets and financial liabilities that constitute a financing transaction are measured at the present value of the future payments discounted at a market rate of interest for a similar debt instrument. Transaction costs for financial assets and financial liabilities at fair value through profit or loss are recognised in income and expenditure in period in which they are incurred.

The Fund classifies their financial assets and financial liabilities into the following categories:

(i) Financial assets and financial liabilities at fair value through profit or loss

After initial recognition, financial assets and financial liabilities are measured at fair value with any gains or losses arising from changes in the fair values recognised in income and expenditure in the period in which the changes arise. If the fair value cannot be measured reliably without undue cost or effort, the financial assets is subsequently measured at cost less impairment.

(ii) Other financial assets and other financial liabilities measured at amortised cost

After initial recognition, financial assets and financial liabilities are measured at amortised cost using the effective interest method. Financial assets are reviewed at the end of each reporting period to determine whether there is any indication of impairment. Gains and losses are recognised in income and expenditure when the financial assets and financial liabilities are derecognised or impaired, and through the amortisation process.

A financial asset or part of it is derecognised when, and only when, the contractual rights to receive cash flows from the financial asset has expired or has been settled, or control of the asset is not retained or the Fund have transferred substantially all risks and rewards of ownership. On derecognition of a financial asset, the difference between the carrying amount and the sum of consideration received, including any newly created rights and obligations, is recognised in income and expenditure.

A financial liability or part of it is derecognised when, and only when, the obligation specified in the contract is discharged or cancelled or expires. When an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as a derecognition of the original liability and the recognition of a new liability, and the difference in the respective carrying amounts is recognised in income and expenditure.

(f) Offsetting of financial instruments

Financial assets and financial liabilities are offset and the net amount is reported in the statements of financial position if, and only if, there is a currently enforceable legal right to offset the recognised amounts and there is an intention to settle on a net basis, or to realise the assets and settle the liabilities simultaneously.

(g) Impairment of assets

(i) Non-financial assets

The carrying amounts of non-financial assets (except for inventories, amount due from contract customers, deferred tax assets, and investment property measured at fair value) are reviewed at the end of each reporting period to determine whether there is any indication of impairment. If any such indication exists, the asset's recoverable amount is estimated.

For the purpose of impairment testing, assets are grouped together into the smallest group of assets that generates cash inflows from continuing use that are largely independent of the cash inflows of other assets or cash-generating units. For the purpose of goodwill impairment testing, cash-generating units to which goodwill has been allocated are aggregated so that the level at which impairment testing is performed reflects the lowest level at which goodwill is monitored for internal reporting purposes. The goodwill acquired in a business combination, for the purpose of impairment testing, is allocated to a cash-generating unit or a group of cash-generating units that are expected to benefit from the synergies of the combination.

The recoverable amount of an asset or cash-generating unit is the higher of fair value less costs to sell and its 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 or cash-generating unit.



An impairment loss is recognised if the carrying amount of an asset or cash-generating unit exceeds its estimated recoverable amount. Impairment loss is recognised in profit or loss, unless the asset is carried at a revalued amount, in which such impairment loss is recognised directly against any revaluation surplus for the asset to the extent that the impairment loss does not exceed the amount in the revaluation surplus for that same asset. Impairment losses recognised in respect of cash-generating units are allocated first to reduce the carrying amount of any goodwill allocated to the cash-generating unit (group of cash-generating units) and then to reduce the carrying amounts of the other assets in the cash-generating unit (group of cash-generating units) on a pro rata basis.

An impairment loss in respect of goodwill is not reversed. In respect of other assets, impairment losses recognised in prior periods are assessed at the end of each reporting period for any indications that the loss has decreased or no longer exists. An impairment loss is reversed only if there has been a change in the estimates used to determine the recoverable amount since the last impairment loss was recognised. The reversal is limited so that the carrying amount of the asset does not exceed its recoverable amount, nor exceed the carrying amount that would have been determined, net of depreciation or amortisation, had no impairment loss been recognised for asset in prior years. Such reversal is recognised in the profit or loss unless the asset is carried at a revalued amount, in which case the reversal is treated as a revaluation increase.

(ii) Financial assets

All financial assets, other than those categorised as fair value through profit or loss, investments in subsidiary companies, associates and joint ventures are assessed at each reporting date whether there is any objective evidence of impairment as a result of one or more events having an impact on the estimated future cash flows of the asset.

To determine whether there is objective evidence that an impairment loss on financial assets has been incurred, the Fund considers factors such as the probability of insolvency or significant financial difficulties of the receivable and default or significant delay in payments. For certain categories of financial assets, such as trade receivables, assets that are assessed not to be impaired individually are subsequently assessed for impairment on a collective basis based on similar risk characteristics. Objective evidence of impairment for a portfolio of receivables could include the Fund's past experience of collecting payments, an increase in the number of delayed payments in the portfolio past the average credit period and observable changes in national or local economic conditions that correlate with defaults on receivables.

If any such evidence exists, the amount of impairment loss is measured as the difference between the assets' carrying amount and the present value of estimated future cash flows (excluding future expected credit losses that have not yet been incurred) discounted at the financial asset's original effective interest rate. The carrying amount of the asset is reduced through the use of an allowance account and the amount of impairment loss is recognised in profit or loss. Receivables together with the associated allowance are written off when there is no realistic prospect of future recovery.

If, in a subsequent period, the amount of the impairment loss decreases and the decrease can be related objectively to an event occurring after the impairment was recognised in profit or loss, the impairment loss is reversed, to the extent that the carrying amount of the asset does not exceed what the carrying amount would have been had the impairment not been recognised at the date the impairment is reversed. The amount of reversal is recognised in income and expenditure.

(h) Cash and cash equivalents

Cash and cash equivalents consist of cash on hand, balances and deposits with banks and other highly liquid investments which have an insignificant risk of changes in fair value with original maturities of three months or less, and are used by the Fund in the management of their short-term commitments. For the purpose of the statement of cash flows, cash and cash equivalents are presented net of bank overdrafts and pledged deposits.

3. Tax expense

The Fund is an approved fund under Section 44(6) of the Income Tax Act 1967 ("the Act"). More than 50% of the total income received by the Fund in the preceding year has been spent during the current year. Hence, the total income for the Year Assessment 2017 is exempted from tax under Paragraph 13(a) of Schedule 6 of the Act.



4. Property, plant and equipment

2018/2017 Cost	Office equipment RM	Furniture and fittings RM	Computers RM	Total RM
At 1 January/31 December	32,645	41,050	20,348	94,043
Accumulated depreciation				
At 1 January/31 December	32,645	41,050	20,348	94,043
Carrying amount				
At 31 December	-	-	-	-

5. Intangible asset

Software Cost	2018 RM	2017 RM
At 1 January/31 December	63,482	63,482
Amortisation		
At 1 January/31 December	63,482	63,482
Carrying amount		
At 31 December	-	-

6. Non-trade receivables

	2018 RM	2017 RM
Non-trade receivables	1,228,399	1,084,397
Less: Amortised cost adjustment		
At 1 January	(234,671)	(248,109)
Add: Current year adjustment	53,366	13,438
At 31 December	(181,305)	(234,671)
	1,047,094	849,726
Representing:		
Current	153,320	9,318
Non-current	893,774	840,408
	1,047,094	849,726

The amount for the non-current portion represents unsecured and interest-free advances with amortised cost adjustment at 6.35% per annum, which is receivable at the end of financial year 2020.

7. Fixed deposits

	2018 RM	2017 RM
Maturities more than 3 months	1,460,409	1,219,834
Maturities less than 3 months	-	198,777
	1,460,409	1,418,611

The fixed deposits with licensed bank at the end of the financial year earned interest at 3.20% - 3.30% (2017: 3.20% - 3.30%) per annum. The maturity of deposit as at the end of the financial year is 12 months (2017: 1 month to 12 months).



8. Non-trade payables and accruals

	2018 RM	2017 RM
Non-trade payables	116,590	16,590
Accruals	2,000	5,225
	118,590	21,815

9. Financial Instruments

The financial assets and financial liabilities of the Company as at reporting date are categorised as follows:

	2018 RM	2017 RM
Financial assets		
Financial assets measured at amortised cost:		
Non-trade receivables	1,047,094	849,726
Fixed deposits	1,460,409	1,418,611
Cash and cash equivalents	172,807	255,000
	2,680,310	2,523,337

Financial liability

Financial liabilities measured at amortised cost:

Non-trade payables and accruals	118,590	21,815
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10. Financial Instruments

The Institution of Engineers, Malaysia is a society registered in Malaysia.

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 has been no significant change in the nature of these activities during the financial year.

There was no employee in the current and previous financial years.

The principal place of business is located at Bangunan Ingenieur, Lot 60/62, Jalan 52/4 Peti Surat 223, 46720 Petaling Jaya, Selangor Darul Ehsan.

The financial statements were approved and authorised for issue by the Council of the Education Fund on 11 March 2019.

