

# IEM

THE INSTITUTION OF ENGINEERS, MALAYSIA

THE INSTITUTION OF ENGINEERS, MALAYSIA  
INSTITUSI JURUTERA MALAYSIA

# 2017 IEM



**58th Annual Report**  
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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 Y.Bhg. 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

**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

**FELLOW KEHORMAT TERTINGGI, IEM**

Year	Name of Recipients
2003	Y.A.Bhg. Tun Dr Mahathir bin Mohamed

**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 Y.Bhg. 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 Muhibuddin Shah Ibnu 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 Ibnu 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

**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

**AHLI TERTINGGI, IEM**

Year	Name of Recipient
2013	YBhg. Tan Sri Dato' Ir. Teo Chiang Kok

**IEM DISTINGUISHED HONORARY FELLOW**

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

Year	Name of Recipient
2008	YAB Dato' Seri Ir. Hj Mohammad Nizar bin Jamaluddin
2009	Y.Bhg. Dato' Sri Ir. Mohd Zin bin Mohamed
2012	Y.Bhg Dato' Ir. Donald Lim Siang Chai
2012	Ir. Dr Ooi Teik Aun
2012	Late Ir. Ow Yang Hong Chiew ( <i>posthumous</i> )
2012	Late Ir. Chan Peng Khuen ( <i>posthumous</i> )
2012	Allahyarham Tan Sri Datuk Ir. Haji Halaluddin bin Mohd. Ishak ( <i>posthumous</i> )
2012	Late Ir. Chan Khee Pok ( <i>posthumous</i> )
2012	Allahyarham Tan Sri Datuk Ir. Mahfoz bin Khalid ( <i>posthumous</i> )
2012	Allahyarham Ir. Haji Mohd. Razali bin Bidin ( <i>posthumous</i> )
2012	Late Ir. Wong Kin Hong ( <i>posthumous</i> )
2012	Allahyarham Ir. Haji Abdul Rahman bin Yaacob
2012	Ir. Chong Pick Eng (P.E. Chong)
2012	Y.Bhg. Dato' Ir. Abdul Rashid bin Ahmad
2012	Ir. Dr Ting Wen Hui
2012	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

**IEM HONORARY MEMBERS**

Year	Name of Recipient
2013	Y.Bhg. Dato' Prof. Dr Mohd Noh bin Dalimin
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

**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	
<b>President</b>	Ir. Tan Yean Chin	
<b>Deputy President</b>	Ir. David Lai Kong Phooi	
<b>Vice Presidents</b>	Ir. Prof. Dr. Ruslan bin Hassan	
	Ir. Lai Sze Ching	
	Ir. Lee Boon Chong	
	Ir. Prof. Dr. Jeffrey Chiang Choong Luin	
	Ir. Assoc. Prof. Dr. Norlida bt Buniyamin	
	Ir. Ellias Bin Saidin	
	Ir. Ong Ching Loon	
	Ir. Yam Teong Sian	
<b>Honorary Secretary</b>	Dr. Wang Hong Kok	
<b>Honorary Treasurer</b>	Y.Bhg. Dato' Ir. Lim Chow Hock	
<b>Immediate Past President</b>	Y.Bhg. Academician Tan Sri Dato' Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin	
<b>Past Presidents</b>	Y.Bhg. Dato' Ir. Dr Gue See Sew	
	Y.Bhg. Dato' Paduka Ir. Keizrul bin Abdullah	
	Y.Bhg. Academician Dato' Ir. Prof. Dr. Chuah Hean Teik	
	Ir. Choo Kok Beng	
<b>Council Member - Civil Rep</b>	Ir. Prof. Dr. Mohd Zamin bin Jumaat	
<b>Council Member - Mechanical Rep</b>	Ir. Dr. Kannan M. Munisamy	
<b>Council Member - Electrical Rep</b>	Y.Bhg. Dato' Ir. Dr. Ali Askar bin Sher Mohamad	
<b>Council Member - Structural Rep</b>	Ir. Hooi Wing Chuen	
<b>Council Member - Chemical Rep</b>	Ir. Prof. Dr. Thomas Choong Shean Yaw	
<b>Council Member - Other Disciplines Rep</b>	Ir. Roznan bin Abdul Rashid	
<b>Council Member - Multimedia Rep</b>	Mr. Abdul Fattah bin Mohamed Yatim	
<b>Council Members - Ordinary Rep</b>	Ir. Gary Lim Eng Hwa	
	Y.Bhg Dato' Ir. Hj. Noor Azmi bin Jaafar	
	Ir. Dr. Aminuddin bin Mohd Baki	
	Ir. Mohd Radzi bin Salleh	
	Ir. Ong Sang Woh	
	Ir. Mohd Khir bin Muhammad	
	Y.Bhg Dato' Ir. Hj. Hanapi Bin Mohammad Noor	
	Ir. Dr. Ahmad Anuar bin Othman	
	Ir. Ishak bin Abdul Rahman	
	Ir. Chong Pick Eng (PE Chong)	
	Ir. Ng Yong Kong	
	Ir. Tejinder Singh	
	Ir. Sreedaran a/l Raman	
	Ir. Roger Wong Chin Weng	
	Ir. Assoc. Prof. Dr. Ahmad Kamil bin Arshad	
	Ir. Dr. Tan Kuang Leong	
	Ir. Hoo Choon Sean	
	Y.Bhg. Lt. Jen. Dato' Wira Ir. Ismail bin Samion (Ret. RMAF)	
	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. Gopal Narian Kutty	
	Ir. Yap Soon Hoe	
	Ir. Santha Kumaran a/l Erusan @ Krishnan	
<b>Invited Council Members</b>	Y.Bhg. Datuk Ir. Adanan bin Mohamed Hussain	
	Y.Bhg. Dato' Ir. Ahmad 'Asri bin Abdul Hamid	
	Y.Bhg. Dato' Ir. Low Keng Kok	
<b>Branch Representatives</b>	Ir. Ting Chek Choon	<i>Penang Branch</i>
	Ir. Mohd Khir Muhammad	<i>Southern Branch</i>
	Ir. Lau Win Sang	<i>Perak Branch</i>
	Y.Bhg. Dato' Ir. Hj. Abdul Jalil bin Mohamed	<i>Pahang Branch</i>
	Ir. Ateamin bin Sulong	<i>Terengganu Branch</i>
	Y.Bhg. Dato' Ir. Zainurin bin Karman	<i>Negeri Sembilan Branch</i>
	Ir. Dr. Tan Chee Fai	<i>Melaka Branch</i>
	Ir. Vincent Tang Chok Khing	<i>Sarawak Branch</i>
	Ir. Hj. Yahiya bin Awang Kahar	<i>Sabah Branch</i>
	Ir. Paul Chiew Lik Ing	<i>Miri Branch</i>
	Ir. Prof. Dr. Rezuwan bin Kamaruddin	<i>Kedah-Perlis Branch</i>
	Ir. Hj. Mohd Zaim bin Abd. Hamid	<i>Kelantan Branch</i>



1 March 2017

Ref. No: IEM17/HQ/021/AGM – 4 CPD hours

To all members of  
The Institution of Engineers, Malaysia

**NOTICE OF 58TH ANNUAL GENERAL MEETING**  
**Saturday, 15 April 2017, 9.00 am at Wisma IEM**

In accordance with Section 7.5 of the Bylaws, notice is hereby given that the 58th Annual General Meeting of The Institution of Engineers, Malaysia shall be held at Tan Sri Prof Chin Fung Kee Auditorium, 3rd Floor, Wisma IEM, 21 Jalan Selangor, Petaling Jaya on **Saturday, 15 April 2017 at 9.00 am.**

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

1. Welcoming Address by the President for Session 2016/2017.
2. Confirmation of Minutes of the 57th Annual General Meeting held on 15 April 2016.
3. Matters Arising.
4. Annual Report / Financial Statements for Session 2016/2017.
5. Discussion on written issues from members of which written notice is submitted to reach IEM Secretariat by 1 April 2017. Please note that no matters under this item shall be discussed, unless prior written notice is received by 1 April 2017. This is in accordance to the IEM Constitution & Bylaws.
6. Amendments to the IEM Constitution.
7. Announcement of Results of Election for Council Session 2017/2018.
8. Awards Presentation
9. Presentation of Certificates – Members Transferred to the grade of Fellow in 2016.
10. Change of Office Bearers
11. Election of Honorary Internal Auditors.
12. Appointment of External Auditors.
13. Any Other Business
14. Presidential Address 2017/2018.

**Ir. Yam Teong Sian**  
Hon. Secretary

**NOTES:**

- 1) As this is a Saturday, parking around the IEM premises 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 2017.**



**PROPOSED WORDING FOR THE AMENDMENT TO THE CONSTITUTION AND BYLAWS FOR 2 YEARS TERM FOR PRESIDENT AND DEPUTY PRESIDENT AND INCLUSION OF COMPANION, GRADUATE AND WE REPRESENTATIVES**

Current Wording	Proposed Wording
<b>CONSTITUTION</b>	
<b>ARTICLE II Membership</b>	
<p><u>Article 2.3</u> Only Corporate Members have the right to vote, to requisition meetings and to be elected to the Council.</p>	<p>Only Corporate Members have the right to vote and to requisition meetings and to be elected to the Council. Non-Corporate Members can be appointed to Council.</p>
<b>ARTICLE V Composition, Office Tenure and Election of the Council Amendment</b>	
<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.</p>	<p>The Members of the Council <del>shall, subject to Article 5.2, be chosen from amongst Corporate Members of The Institution, and shall comprise :-</del></p> <p>To add in:</p> <p>(k) <u>Five (5) Companion or Graduate Members, as prescribed in the Bylaws.</u> (l) <u>One (1) woman Member as prescribed in the Bylaws.</u></p>
<p><u>Article 5.2</u> The Members of the Council shall be designated as the Officers of The Institution. The terms of office of Officers of The Institution shall be as follows :-</p> <p>(a) The President, Deputy President, 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.</p> <p>(c) A Council Member shall hold office for a term of three (3) sessions and no Council Member may be re-elected to the office of Council Member until after a lapse of at least one(1) session.</p> <p>(d) The Chairman of each Branch of The Institution shall be a Member of Council. If the Chairman is unable to attend a meeting of the Council, he may send a Member of the Branch Committee to represent him.</p>	<p>Article 5.2</p> <p>(a) <del>The President, and Deputy President, Honorary Secretary and Honorary Treasurer shall hold office for a one term of one (1) two (2) sessions. They may be re-elected, but may not hold office for more than two (2) consecutive terms.</del></p> <p>To add (b)(a)<u>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.</u></p>
<p><u>Article 5.4</u> The President, the Deputy President, the Vice Presidents, the Honorary Secretary and the Honorary Treasurer and Council Members 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.</p>	<p><del>The President, the Deputy President, the Vice Presidents, the Honorary Secretary and the Honorary Treasurer and Council Members</del> <u>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.</u></p> <p><u>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.</u></p>
<p><u>Article 5.7</u> Deputy President : The Deputy President shall be elected by the Council.</p>	<p>Deputy President : The Deputy President shall be elected by the Council <u>from amongst the Corporate Members of the Council.</u></p>
<p><u>Article 5.9(b)</u> Deputy President : By election of Council.</p>	<p>Deputy President : By election of Council <u>from amongst the Corporate Members of the Council.</u></p>



Current Wording	Proposed Wording
<b>SECTION V COMPOSITION, NOMINATION AND ELECTION OF COUNCIL</b>	
<p><u>Section 5.1</u> 5.1 The Members of the Council shall, subject to Section 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 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.</p>	<p>5.1 The members of the Council shall comprise:-</p> <p>To add (k) <u>Five (5) Companion or Graduate Members, as prescribed in Section 5.9b of the Bylaws.</u> (l) <u>One (1) woman Member as prescribed in Section 5.9a of the Bylaws.</u></p>
<p><u>Section 5.4</u> Notwithstanding the above Bylaws, the Council may by a resolution carried by three-quarters (3/4) of those present re-elect the President and the Deputy President for another term of office provided that by so doing the President's aggregate period in office shall not exceed thirty (30) months.</p>	<p><u>To delete</u></p>
<p><b>Council Members</b> 5.7 At least one (1) Council Member shall be elected from each division or group of divisions of engineering as approved by the Council. The remaining Council Members shall be elected from amongst Corporate Members without regard to the divisions to which they belong.</p> <p>5.8 The Council Members shall normally hold office for a term of three (3) sessions. At the end of each session, one-third (1/3) of the elected Council Members, as determined by the Council, shall retire. They shall not be eligible for re-election.</p> <p><b>Branch Representative</b> 5.9 The Chairman of each Branch of The Institution shall be a Member of the Council subject to the Rules of the Branch.</p>	<p><b>To insert 5.9a and 5.9b after 5.9</b></p> <p><b><u>Women Engineers Representative</u></b> <u>5.9a The Chairperson of the Women Engineers Section under Section VIII C of the Bylaws shall be appointed to the Council</u></p> <p><b><u>Graduate and Companion Representatives</u></b> <u>5.9b The Chairman and Secretary plus another three elected members of the Graduate and Student Section committee under Section VIII C of the Bylaws shall be appointed to the Council.</u></p>
<p><u>Section 5.15</u> In the event of the Election Officer being unable to report the results of the election, owing to an equality of votes, the Chairman of the Annual General Meeting shall decide the procedure to determine which of the persons who have received equal votes shall be deemed to be elected.</p>	<p><u>To replace with following</u> <u>Upon completion of the counting of votes, should there be an equality of votes between two candidates where there is only one post to be filled, the determination of the successful candidate would be carried out by drawing of lots by the Election Officer in the presence of the Scrutineers.</u></p>
<p><u>Section 5.20</u> In the event of the Election Officer being unable to report the results of the election for either the postal or electronic election, owing to an equality of votes, the Chairman of the Annual General Meeting shall decide the procedure to determine which of the persons who have received equal votes shall be deemed to be elected.</p>	<p><u>To replace with following</u> <u>Upon completion of the counting of votes, should there be an equality of votes between two candidates where there is only one post to be filled, the determination of the successful candidate would be carried out by drawing of lots by the Election Officer in the presence of the Scrutineers.</u></p>
<p><u>Section 7.3</u> In the event of a quorum not being present within sixty-minutes (60) of the hour fixed for the commencement of a meeting, the meeting shall stand adjourned to the same place and the same day and hour in the following week, when the Corporate Members present, whatever their number, shall constitute quorum.</p>	<p>In the event of a quorum not being present within sixty-minutes (60) of the hour fixed for the commencement of a meeting, the meeting shall stand adjourned to the same place and the same day and hour in the following week, when the Corporate Members present, <u>and for meetings of Council, including the Appointed Council members,</u> whatever their number, shall constitute quorum.</p>



<p><u>Section 7.4</u> The accidental omission to send notice of a meeting to, or the non receipt of a notice by, any Corporate Member shall not invalidate the proceedings at the meeting.</p>	<p><u>Section 7.3A</u> The accidental omission to send notice of a meeting to, or the non receipt of a notice by, any Corporate Member, <u>and for meetings of Council, including the Appointed Council members,</u> shall not invalidate the proceedings at the meeting.</p>
<p><u>Section 7.18</u> <b>Council Meeting</b> 7.18 The Council shall meet as often as the business may require but at least once in each quarter. Except for an extraordinary meeting, which may be called at any time, the notice of a meeting of Council shall be circulated at least ten (10) days before such meeting.</p>	<p><u>To add:</u></p> <p><u>7.18A Not less than 10% of the total number of Council Members, may at any time requisition a Council Meeting to pass a motion of no confidence against the President.</u></p> <p><u>7.18B The petition for such Council Meeting shall be in writing and signed by the Council Members requisite for the meeting and served on the President, Deputy President and the Honorary Secretary of the Institution; and the Council shall convene a Council Meeting to be held within thirty (30) days of such service.</u></p> <p><u>7.18C The written petition shall specify the object of the proposed meeting, to wit: to pass a motion of no confidence against the President.</u></p> <p><u>7.18D If the Council fails to convene a Council Meeting in accordance with the requisition within thirty (30) days of the service of such requisition, the requisitioning Council Members may convene the Council Meeting within sixty (60) days of such service.</u></p> <p><u>7.18E A simple majority votes will pass the motion. The Chairman will be elected by the Council at that meeting. The President and Deputy President are not eligible to chair this meeting.</u></p> <p><u>7.18F As soon as the motion is passed, the President shall be deemed to have relinquished his post.</u></p> <p><u>7.18G If the President has relinquished his post pursuant to Section.</u></p> <p><u>7.18F, the Deputy President shall assume the post of President in accordance to Article 5.9 of the Constitution.</u></p>
<p><u>Section 7.22</u> Only Corporate Member actually and rightfully present at any meeting of the Council, the Executive Committee, Standing Committees or a general meeting shall have the right to vote on any motion before such meeting.</p>	<p>Only Corporate Members actually and rightfully present at any meeting of <del>the Council</del>; the Executive Committee, Standing Committees or a general meeting shall have the right to vote on any motion before such meeting. <u>Only Council members (Elected and Appointed), actually and rightfully present at any meeting of the Council, shall have the right to vote on any motion before such meeting.</u></p>
<p><u>Section 7.23</u> Voting on any motion before such meeting shall be by voiceqs, except that any Corporate Member present at such meeting may require a show of hands and any ten percent (10%) of the Corporate members present at such meeting may require a secret vote.</p>	<p>Voting on any motion before such meeting, <u>except the meeting of Council,</u> shall be by voices, except that any Corporate Member present at such meeting may require a show of hands and any ten percent (10%) of the Corporate Members present at such meeting may require a secret vote.</p> <p><u>Voting on any motion before a meeting of Council shall be by voices, except that any Corporate Council member and Appointed Council member, present at such meeting may require a show of hands and any ten percent (10%) of the Corporate Council members and Appointed Council members present at such meeting may require a secret vote.</u></p>
<p><u>SECTION VIIIIC Graduate, Companion, Student and Non-Corporate Member Sections</u></p> <p>Section 8.17 The Council may establish or recognise any Section of 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) Non-Corporate Members.</p>	<p>Section VIIIIC <u>Women Engineers, Companion, Graduate, Student and Non-Corporate Member Sections</u></p> <p>Section 8.17 The Council may establish or recognise any Section of <u>Women Engineers, Companion, Graduate, Student and Non-Corporate Members</u> 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><u>SECTION X Interpretations</u></p> <p>Section 10.7 "Council Members" means the ordinary and appointed Members of the Council.</p>	<p>Section 10.7 "Council members" means the ordinary and appointed members of the Council.</p>





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(Sub Committee on Web Portal)

**Pengerusi**

Mr. Abdul Fattah bin Mohamed Yatim MIEM

**AKTIVITI**

**Jawankuasa Kecil "Pertandingan Golf 2016"**  
(Sub Committee on Golf Competition 2016)

**Pengerusi**

Ir. Dr. Kannan M. Munisamy

**Ahli-Ahli**

Ir. Dr. Cheong Thiam Fook  
Ir. Gopal Narian Kutty  
Ir. Noor Hisham bin Yahaya

**AKTIVITI**

**Jawankuasa Kecil "Pertandingan Golf 2017"**  
(Sub Committee on Golf Competition 2017)

**Pengerusi**

YBhg Dato' Ir. Hj Mohd. Azmi Bin Ismail

**Ahli-Ahli**

Ir. Dr. Wong Wai Sam  
YBhg Dato' Ir. Haji Hanapi bin Mohamad Noor  
Ir. Kapt. (B) Hj. Anuar Bin Hj. Yahya  
Ir. Ellias bin Saidin  
Ir. Ismail Bin Abd Rahman  
Ir. C. Kamalesan A/L Chandrasekaran  
Ir. Dr. Tony Chan Tuck Leong  
Ir. Sreedaran A/L Raman  
Dr Lau Kok-Tsen, James Grad. IEM  
Mr. Cheok Hou Seng Grad. IEM  
Ms Low Sheue Lih, Shirley Grad. IEM  
Ir. Ahmad Fauzi Bin Yahya

**AKTIVITI**

**Jawatankuasa Kecil Jamuan Makan Malam Dan  
Penganugerahan Tahunan 2016**

(Sub Committee on IEM 57th Annual Dinner and Awards  
Night 2015)

**Pengerusi**

Ir. Dr. Kannan M. Munisamy

**Penasihat**

Ir. Gopal Narian Kutty

**Ahli-Ahli**

Ir. Dr. Cheong Thiam Fook  
Ir. Fam Yew Hin  
Ir. Luk Chau Beng  
Ir. Noor Hisham bin Yahaya

**AKTIVITI**

**Jawatankuasa Kecil Jamuan Makan Malam Dan  
Penganugerahan Tahunan 2017**

(Sub Committee on IEM 58th Annual Dinner and Awards  
Night 2016)

**Pengerusi**

Ir. Dr. Kannan M. Munisamy

**Penasihat**

Ir. Prof. Dr. Jeffrey Chiang Choong Luin

**Ahli-Ahli**

Ir. Dr. Cheong Thiam Fook  
Ir. Gopal Narian Kutty  
Ir. Fam Yew Hin  
Ir. Noor Hisham bin Yahaya

**AMALAN PROFESIONAL**

**Jawatankuasa Kecil Wakil Badan-Badan Luar**

(Sub Committee on Representation to Outside Bodies)

**Pengerusi**

Ir. Lai Sze Ching

**AMALAN PROFESIONAL**

**Lembaga Penasihat Kebakaran**

(The Fire Advisory Board on Fire Protection Services)

**Pengerusi**

Ir. Thin Choon Chai

**Timbalan Pengerusi**

Ir. Chong Chew Fan

**Setiausaha**

Ir. Tan Chew

**Penasihat**

Ir. Wong See Foong

**Ahli-Ahli**

Ir. Daniel Lim Kim Chuan  
Ir. Loo Chee Kin  
Ir. Cha Hoong Kum  
Ir. Yim Hon Wa  
Ir. Gary Lim Eng Hwa  
Ir. Leong Siew Meng  
YBhg. Datuk Ir. Prof. Dr. Ow Chee Sheng  
Ir. Dr. Tan Chee Fai  
Mr. Chan Foo Ching  
Ir. Siow Yun Tong (Wakil Sivil)  
Ir. Yeoh Jit Shiong (Wakil Mekanikal)



**AMALAN PROFESIONAL**

**Jawatankuasa Kecil bagi Perundangan yang Melibatkan  
Profesion Kejuruteraan**  
(*Sub Committee on Legislation Affecting Engineering  
Profession*)

**Pengerusi**

Ir. Lai Sze Ching

**AMALAN PROFESIONAL**

**Jawatankuasa Kecil Kontrak-Kontrak Kejuruteraan**  
(*Sub Committee on Engineering Contracts*)

**Pengerusi**

Ir. Gunasagaran a/l Kristnan

**Penasihat**

Ir. Wong See Foong

**Setiausaha**

Ir. CMM Aboobucker

**Ahli-ahli**

Ir. Hj. Shahul Ikram bin Hj. Adnan  
Ir. Lim Eng Cheong  
Ir. Chong Chew Fan  
Mr. Ang Seah Heng

**AMALAN PROFESIONAL**

**Jawatankuasa Kecil Pengurusan Pemasalahan**  
(*Sub Committee on Dispute Resolution Practice*)

**Pengerusi**

Ir. Dr. Ooi Teik Aun

**Ahli-Ahli**

Ir. Khoo Choong Keow  
YBhg Dato' Ir. Pang Leong Hoon  
Ir. Gong Ngie Dee  
Ir. Vincent Lim Kuo Phau  
Ir. Shanmugaraj a/l CT Pillai  
Ir. Leon Weng Seng  
Ir. Zafrul Mahmood

**AMALAN PROFESIONAL**

**Jawatankuasa Kecil Undang –Undang Kecil Bangunan  
Seragam**  
(*Sub Committee on “Street, Drainage And Building Act 1974  
(Act 133) and Uniform Building Bylaws (Revised) 1984*)

**Pengerusi**

Ir. Yim Hon Wa

**AMALAN PROFESIONAL**

**Jawatankuasa Kecil Penulisan Standard**  
(*Sub Committee on Standards Writing*)

**Pengerusi**

Ir. Mohd Radzi bin Salleh

**AMALAN PROFESIONAL**

**Jawatankuasa Kecil Perlantikan Penimbangtaraan/  
Lembaga Penasihat ADR.**  
(*Sub Committee on IEM Arbitrator Appointment/ ADR.  
Advisory Board*)

**Pengerusi**

Ir. Lai Sze Ching

**AMALAN PROFESIONAL**

**Jawatankuasa Kecil Penilaian Aduan**  
(*Sub Committee on Screening of Complaints*)

**Pengerusi**

YBhg Dato' Ir. Pang Leong Hoon

**AMALAN PROFESIONAL**

**Jawatankuasa Kecil Wakil Luar Badan**  
(*Sub Committee on Representation to Outside Bodies*)

**Pengerusi**

Ir. Lai Sze Ching

**KEBAJIKAN DAN PERKHIDMATAN**

**Jawatankuasa Kecil “Minggu Kejuruteraan 2015”**  
(*Sub Committee on Engineering Week 2015*)

**Pengerusi**

Ir. Sreedaran Raman

**Naib Pengerusi**

Ir. Tejinder Singh

**Penasihat**

Ir. Yau Chau Fong

**Ahli-Ahli**

Ir. Tan Ban Loong  
Ir. Viveksugha Alif bin Gunaan  
Ms Aida Yazrin Grad. IEM  
Mr. Kok Jing Shun  
Mr. Tan Zhi Howe  
Ms Prema Sivananthan  
Mr. Danny Lee Dian Woon  
Mr. Thiban Raaj  
Mr. Harun Al- Fayed Hassan

**KEBAJIKAN DAN PERKHIDMATAN**

**Jawatankuasa Kecil “Minggu Kejuruteraan 2016”**  
(*Sub Committee on Engineering Week 2016*)

**Pengerusi**

Ir. Sreedaran Raman

**Naib Pengerusi**

Ir. Tejinder Singh

**Setiausaha**

Ms Wong Kah Yin

**Bendahari**

Ms. Jasmine Goh

**Penasihat**

Ir. Yau Chau Fong

**Ahli-Ahli**

Ir. Yong Hong Lee  
Mr. Tan Zhi Howe Grad. IEM  
Ir. Tan Ban Loong  
Ir. Prema Sivananthan  
Mr. Kok Jing Shun  
Mr. Danny Lee Dian Woon Grad. IEM  
Mr. Thiban Raaj Grad. IEM  
Mr. Harun Al- Fayed Grad. IEM  
Sdr. Cheah Khai Chun  
Ms. Sylvia Wong  
Mr. Ahmad Ridhwan Bin Mohamad Grad. IEM  
Ms. Lee Hooi Chie Grad. IEM  
Ms Chia Wei Chin  
Ms. Shazlena Shariff Grad. IEM  
Sdr. Low Kar King  
Sdr. Naveen Kumar



**KEBAJIKAN DAN PERKHIDMATAN**  
**Jawatankuasa Kecil “Hari Keluarga IEM 2015”**  
(Sub Committee on IEM Family Day 2015)

**Pengerusi**  
Ir. Siew Yaw Jen

**Naib Pengerusi**  
Ir. Gunasagaran a/l Kristnan

**Ahli-Ahli**  
Ir. Khor Hock Keat  
Ir. Vasan Mariappan  
Ir. Anuar bin Dato’ Abd. Shukur  
Sdr. Yew Weng Kean

**KEBAJIKAN DAN PERKHIDMATAN**  
**Jawatankuasa Kecil “Hari Keluarga IEM 2017”**  
(Sub Committee on IEM Family Day 2017)

**Pengerusi**  
Ir. Siew Yaw Jen

**Naib Pengerusi**  
Ir. Gunasagaran a/l Kristnan

**Ahli-Ahli**  
Ir. Khor Hock Keat  
Ms. Kanthima Nuin M.I.E.M  
Ir. Vasan Mariappan  
Ir. Anuar bin Dato’ Abd. Shukur  
Sdr. Yew Weng Kean

**KEBAJIKAN DAN PERKHIDMATAN**  
**Jawatankuasa Kecil Program Affiniti IEM**  
(Sub Committee on IEM Affinity Programme)

**Pengerusi**  
YBhg Dato’ Ir. Noor Azmi bin Jaafar

**KEBAJIKAN DAN PERKHIDMATAN**  
**Jawatankuasa Kecil Skim “Jurutera Wargamas”**  
(Sub Committee on “Jurutera Wargamas Scheme)

**Pengerusi**  
Ir. Awangku Hidup bin Awangku Hosain

**KEBAJIKAN DAN PERKHIDMATAN**  
**Jawatankuasa Kecil Skim Insuran IEM**  
(Sub Committee on IEM Insurance Scheme)

**Pengerusi**  
Ir. Yong Kee Chiang

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

**Pengerusi**  
Ir. Assoc. Prof. Dr. Leong Wai Yie

**KEBAJIKAN DAN PERKHIDMATAN**  
**Jawatankuasa Kecil “Pengurusan Dana Kebajikan”**  
(Sub Committee on Benevolent Fund Management)

**Pengerusi**  
Ir. Awangku Hidup Awangku Hosain

**KEBAJIKAN DAN PERKHIDMATAN**  
**Jawatankuasa Kecil “Tanggungjawab Sosial Korporat”**  
(Sub Committee on Corporate Social Responsibilities)

**Pengerusi**  
Ir. Ellias bin Saidin

**KEBAJIKAN DAN PERKHIDMATAN**  
**Jawatankuasa Kecil “Tinjauan Pekerjaan”**  
(Sub Committee on Employment Survey)

**Pengerusi**  
Ir. Dr. Rahim bin Bidin

**HAL HAL KORPORAT/CORPORATE AFFAIRS**  
**Jawatankuasa Kecil IEM PEMANDU-PEMUDAH**  
(Sub Committee on IEM PEMANDU-PEMUDAH)

**Pengerusi**  
Ir. Ong Ching Loon

**Naib Pengerusi**  
Y.Bhg. Dato’ Ir. Zainurin Hj Karman – Deputy Chairman

**HAL HAL KORPORAT/CORPORATE AFFAIRS**  
**Jawatankuasa Kecil “MOU/MOA”**  
(Sub Committee on MOU/MOA)

**Pengerusi**  
Ir. Hj. Mohd Ali bin Yusoff

**Ahli-ahli**  
Ir. Yau Chau Fong  
Ir. Chong Chew Fan  
Ir. Noor Iziddin Abdullah bin Ghazali

**HAL HAL KORPORAT/CORPORATE AFFAIRS**  
**Jawatankuasa Kecil Perhubungan Awam**  
(Sub Committee on Public Relations)

**Pengerusi**  
Ir. Ong Ching Loon

**Naib Pengerusi**  
Ir. Yap Soon Hoe

**Ahli-ahli**  
Ir. Tiong Ngo Pu  
Ir. Yam Teong Sian

**HAL HAL KORPORAT/CORPORATE AFFAIRS**  
**Jawatankuasa Kecil Video Korporat IEM**  
(Sub Committee on IEM Corporate Video)

**Pengerusi**  
Ir. Chong Chew Fan

**Penasihat**  
Ir. Ong Ching Loon

**Ahli-ahli**  
Mr Abdul Fattah Bin Mohamed Yatim M.IEM

**HAL HAL KORPORAT/CORPORATE AFFAIRS**  
**Jawatankuasa Kecil Kenyataan Akhbar**  
(Sub Committee on Press Statements)

**Pengerusi**  
Ir. Yam Teong Sian



**HAL HAL KORPORAT/CORPORATE AFFAIRS**

**Wakil Pemerhati IEM untuk Jawatankuasa Pengawasan Nasional APEC**

*(IEM Reviewers for APEC National Monitoring Committee)*

**Wakil Akademik**

YBhg. Datuk Ir. Prof Dr Ow Chee Sheng  
Ir. Dr Abu Bakar bin Mahat  
Ir. Dr Norlida binti Buniyamin  
Ir. Lee Boon Chong  
Ir. Prof. Dr. Siti Hawa binti Hamzah

**HAL HAL KORPORAT/CORPORATE AFFAIRS**

**Wakil Penghubung IEM untuk Pengawasan Nasional APEC**

*(IEM Contact Point for APEC National Monitoring Committee)*

**Wakil**

YBhg. Dato' Ir. Dr Gue See Sew  
Ir. Ong Ching Loon

**HAL HAL KORPORAT/CORPORATE AFFAIRS**

**Jawatankuasa Pendaftaran bagi APEC/Jurutera Profesional Antarabangsa**

*(APEC/IPE Registration and Administrative Committee)*

**Pengerusi**

YBhg. Dato' Ir. Dr Gue See Sew

**Ahli-Ahli**

Ir. Lee Boon Chong  
Ir. Yau Chau Fong  
Ir. Ang Choong Hug  
Ir. Dr Abu Bahar bin Mahat  
Ir. Cheong Chee Kwong  
YBhg. Datuk Ir. Prof. Dr. Ow Chee Sheng  
Ir. Gunasagaran a/l Kristnan  
Ir. Yam Teong Sian  
Ir. Ong Ching Loon  
Ir. Dr Norlida binti Buniyamin  
YBhg. Dato' Ir. Abdul Rashid bin Maiidin *(Wakil BEM)*

**HAL HAL KORPORAT/CORPORATE AFFAIRS**

**Jawatankuasa Pendaftaran Jurutera ASEAN**

*(ASEAN Engineering Register Executive Committee)*

**Pengerusi**

Ir. Ellias bin Saidin

**Ex- Officio**

Ir. Ong Ching Loon

**Setiausaha**

Ir. Yau Chau Fong

**Bendahari**

Ir. Hj. Mohamed Ali bin Yusoff

**Ahli-Ahli**

Ir. Dr Norlida binti Buniyamin *(Wakil Pendaftar Malaysia)*  
Ir. Prof Ishak bin Abdul Rahman  
*(Wakil Penganiti Pendaftar Malaysia)*  
Ir. Dr Tan Chee Fai  
Ir. Cheong Chee Kwong  
Ir. Yap Soon Hoe  
Ir. Yim Hon Wa  
Ir. Lee Boon Chong  
Ir. Francis Xavier Jacob

Ir. Yam Teong Sian

Ir. Prof Dr Wan Mahmud bin Wan Abdul Majid

Ir. Dr Leong Wai Yie *(Wakil Bahagian Wanita IEM)*

Ir. Tang Heap Seng *(Wakil TAM)*

Mr Kok Jing Shun *(Wakil Bahagian S/S)*

**Jawatankuasa Pengawasan dan Ko-ordinasi Hal-Hal AFEO**

*(IEM – AFEO Local Co-ordinating Committee)*

**Pengerusi**

Ir. Ong Ching Loon

**Ahli-Ahli**

Ir. Ellias bin Saidin

Ir. Yam Teong Sian

Ir. Hj. Mohamed Ali bin Yusoff

**HAL HAL KORPORAT/CORPORATE AFFAIRS**

**Jawatankuasa Kecil “Perjanjian Pengiktirafan Bersama”**

*(Working Group on “Mutual Recognition Agreements”)*

**Pengerusi**

Ir. Ellias bin Saidin

**Naib Pengerusi**

Y.Bhg Datuk Ir. Rosaline Ganendra

**Ahli-ahli**

Ir. Yim Hon Wa

Ir. Dr. Tan Chee Fai

Y.Bhg. Dato' Wira Ir. Lt. Jen (R) Ismail bin Samion

Ir. Yap Lee Chor

**HAL HAL KORPORAT/CORPORATE AFFAIRS**

**Kumpulan Kerja untuk “Pengantarabangsaan Mobiliti Kejuruteraan”**

*(Working Group for the Internationalisation of Engineering Mobility)*

**Pengerusi**

Ir. Chong Chew Fan

**Naib Pengerusi**

Ir. Dr. Tan Chee Fai

**Penasihat**

Ir. Ong Ching Loon

**Ahli-ahli**

Ir. Yap Soon Hoe

Ir. Tiong Ngo Pu

**IEM-WFEO/CEC Local Co-ordinating Committee**

**Jawatankuasa Tempatan Pengawasan dan Ko-ordinasi Hal-Ehwal WFEO dan CEC**

*(IEM-WFEO/CEC Local Co-ordinating Committee)*

**Pengerusi**

Ir. Tan Yean Chin

**Ahli-Ahli**

Ir. Yam Teong Sian

Ir. David Lai Kong Phooi



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

**Pengerusi**

Ir. Prof Dr Ruslan bin Hassan

**Ahli-Ahli**

Ir. Elias bin Saidin  
Ir. Mohd Khir Muhammad  
Ir. Tuan Hj. Mohamed Ali bin Yusoff  
YBhg. Dato' Prof Ir. Abang Abdullah Abang Ali  
Ir. Prof. Megat Johari bin Megat Mohd Nor  
YBhg. Dato' Ir. Lt. Gen (R) Ismail Samion  
Ir. Dr. Aminuddin bin Mohd Baki

**Jawatankuasa AFEO Pengurusan Urusetia**  
*(AFEO Secretariat Management Committee)*

**Pengerusi**

Ir. Ong Ching Loon

**Ahli-Ahli**

Ir. Yam Teong Sian

**HAL HAL KORPORAT/CORPORATE AFFAIRS**  
**Jawatankuasa Pengawalan Pendaftaran Nasional**  
**Jurutera ASEAN**  
*(ASEAN Engineers Register National Monitoring Committee)*

**Pengerusi**

Ir. Assoc Prof Dr Norlida binti Bunyamin

**Ahli-ahli**

Ir. Prof. Ishak bin Abdul Rahman  
Ir. Tuan Hj Mohamed Ali bin Yusoff  
Ir. Elias bin Saidin  
Ir. Mohd Khir bin Mohammad  
Ir. Lee Boon Chong  
Ir. Kapt (B) Hj. Anuar bin Yahya

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

**Bekas Yang Dipertua FEIAP**

YBhg. Academician Dato Ir. Prof Dr Chuah Hean Teik

**Setiausaha Agung FEIAP**

Ir. Tan Yean Chin

**Wakil IEM**

Ir. David Lai Kong Phooi  
Ir. Yam Teong Sian

**JAWATAN LUAR NEGERI/OVERSEAS REPRESENTATION**  
**Wakil IEM Ke AFEO**  
*(IEM representation on AFEO)*

**Wakil IEM**

Ir. Tan Yean Chin (*Yang Di pertua*)  
Ir. Yam Teong Sian (*Setiausaha Kehormat*)  
Ir. David Lai Kong Phooi (*Wakil Pengganti Yang Dipertua*)

**Wakil IEM di jawatan AFEO**

Ir. Ong Ching Loon (*Setiausaha Agung AFEO*)  
Ir. Elias bin Saidin (*Ketua Suruhanja Pendaftaran AER*)  
YBhg. Dato' Ir. Lim Chow Hock (*Penasihat AFEO*)

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

**Yang Dipertua sebagai Wakil IEM**

Ir. Tan Yean Chin

**Setiausaha Kehormat Wakil IEM**

Ir. Yam Teong Sian

**Wakil IEM Pengganti**

Ir David Lai Kong Phooi

**JAWATANKUASA ADHOC**  
**Jawatankuasa Penganugerahan IEM**  
*(AdHoc Committee on IEM Awards)*

**Pengerusi**

Ir. Tan Yean Chin

**Naib Pengerusi**

Ir. David Lai Kong Phooi

**Setiausaha (Setiausaha Kehormat)**

Ir. Yam Teong Sian

**Bendahari (Bendahari Kehormat)**

Dr. Wang Hong Kok

**Ahli-Ahli**

Ir. Prof Dr. Ruslan bin Hassan  
Ir. Ong Ching Loon  
Ir. Lee Boon Chong  
Ir. Lai Sze Ching  
Ir. Assoc Prof Dr. Norlida binti Bunyamin  
Ir. Elias bin Saidin  
Ir. Prof. Dr. Jeffrey Chiang Choong Luin

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

**Wakil IEM**

Ir. Prof Dr Ruslan bin Hassan

**JAWATANKUASA ADHOC**  
**Wakil IEM ke Lembaga Jurutera Malaysia**  
*(IEM Representatives on the Board of Engineers Malaysia)*

**Wakil**

Ir. Tan Yean Chin  
Ir. David Lai Kong Phooi  
Ir. Lai Sze Ching  
Ir. Prof. Ishak bin Abdul Rahman  
Ir. Dr. Ahmad Anuar bin Othman

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

**Pengerusi**

Ir. Lai Sze Ching



**BAHAGIAN TEKNIK KEJURUTERAAN GEOTEKNIK***(Geotechnical Engineering Technical Division)***Pengerusi**

Ir. Yee Thien Seng

**Timbalan Pengerusi**

Ir. Lee Peir Tien

**Setiausaha / Bendahari**

Ir. Sin Peng Tean

**Penasihat**

Ir. Liew Shaw Shong

**Ahli-Ahli**

Ir. Yee Kwong Sing, Kenny

Ir. Dr. Chan Swee Huat

Ir. Dr. Gue Chang Shin

Ir. Dr. Ooi Teik Aun

Ir. Balakrishnan s/o Etty Gaunder

Ir. Cheah Siew Wai

Mr. Loh Wooi Chuan Grad. IEM *(Co-opted)*Mr. Richard Ong Tiam Hwa Grad. IEM *(Co-opted)*Ir. Steven Toh Chin Kok *(Co-opted)*Ir. Mak Wai Kin *(Co-opted)*Mr. Tee Choon Heng Grad. IEM *(Co-opted)***BAHAGIAN TEKNIK KEJURUTERAAN ELEKTRIK***(Electrical Engineering Technical Division)***Pengerusi**

Ir. Yau Chau Fong

**Timbalan Pengerusi**

Ir. Chong Chew Fan

**Setiausaha / Bendahari**

Ir. Francis Xavier Jacob

**Ahli-Ahli**

Ir. Lim Kim Ten

Ir. Faridon bin Talib

Ir. Dr. Rodney Tan Hean Gay

Ir. Tejinder Singh

Mr. Low Pek Jun Grad. IEM

Dr. Wong Jianhui Grad. IEM

Ir. Gan Tian Eng *(Co-opted Member)*Ir. Amir Hussein bin Jaafar *(Co-opted Member)*Ir. Lee Cheng Pay *(Co-opted Member)*Ir. Roger Wong Chin Weng *(Co-opted Member)*Ir. Prof. Dr. Wong Hin Yong *(Co-opted Member)***BAHAGIAN TEKNIK KEJURUTERAAN KIMIA***(Chemical Engineering Technical Division)***Pengerusi**

Ir. Assoc. Prof. Dr. Lee Tin Sin

**Timbalan Pengerusi**

Ir. Mohamad Anwar Ahmad

**Setiausaha / Bendahari**

Ir. Raymond Ooi

**Penasihat**

Ir. Thayanathan Balakrishnan

**Ahli-Ahli**

Ir. Prof. Dr. Tee Tiam Ting

Ir. Prof. Dr. Dominic Foo Chwan Yee

Ir. Prof. Dr. Thomas Choong Shean Yaw

Ir. Razmahwata bin Mohamad Razalli

Dr. Noor Yusmiza bin Yusoff

Ir. Ong Wei Rex

Ms. Fitrotulhayat binti Rodzi

**BAHAGIAN TEKNIK KEJURUTERAAN PERTANIAN DAN MAKANAN***(Agricultural and Food Engineering Technical Division)***Pengerusi**

Ir. Yong Hong Liang

**Timbalan Pengerusi**

Ir. Vasan Mariappan

**Setiausaha / Bendahari**

Ir. Hor Kok Luen

**Penasihat**

Ir. Assoc. Prof. Dr. Chin Nyuk Ling

**Ahli-Ahli**

Ir. Ooi Ho Seng

Ir. Prof. Dr. Law Chung Lim

Ir. Wan Wai Thong

Ms. Ooi Mong Lee, Wendy Grad. IEM

Ir. Mohd Fazly bin Mail

Mr. Mohd Shafiq bin Idris Grad. IEM

**BAHAGIAN TEKNIK KEJURUTERAAN SUMBER AIR***(Water Resources Technical Division)***Pengerusi**

Ir. Dr. Wong Wai Sam

**Timbalan Pengerusi**

Dato' Ir. Hj Mohd. Azmi bin Ismail

**Setiausaha / Bendahari**

Ir. Jama'iatul-Lailah binti Mohd. Jais

**Penasihat**

Dato' Ir. Haji Hanapi bin Mohamad Noor

**Ahli-Ahli**

Ir. Ismail bin Abd Rahman

Ir. C. Kamalesen a/l Chandrasekaran

Ir. Dr. Tony Chan Tuck Leong

Dr. Lau Kok-Tsen, James Grad. IEM

Mr. Cheok Hou Seng Grad. IEM

Ms. Low Sheue Lih, Shirley Grad. IEM

Ir. Ellias bin Saidin *(Co-opted Member)*KAPT. (B) Ir. Hj. Anuar bin Hj. Yahya *(Co-opted Member)*Ir. Sreedaran a/l Raman *(Co-opted Member)*Ir. Ahmad Fauzi bin Yahya *(Co-opted Member)*


**BAHAGIAN TEKNIK KEJURUTERAAN ELETRONIK**  
*(Electronic Engineering Technical Division)*
**Pengerusi**

Ir. Bhuvendhraa Rudrusamy

**Timbalan Pengerusi**

Ir. Assoc. Prof. Dr. Khor Jeen Ghee

**Setiausaha / Bendahari**

Ir. Dr. Wong Yew Hoong

**Penasihat**

Ir. Bernard Lim Kee Weng

**Ahli-Ahli**

Dr. Leow Cheah Wei Grad. IEM  
 Mr. Lau Heng Kar Grad. IEM  
 Mr. Tiong Teck Chai Grad. IEM  
 Ir. Dr. Lee Choo Yong  
 Dr. Chang Boon Peng Grad. IEM  
 Dr. Huzein Fahmi bin Hawari Grad. IEM  
 Mr. Sivarama Rajah Grad. IEM  
 Dr. Yeap Gik Hong Grad. IEM  
 Ir. Dr. Mui Kai Yin *(Co-opted)*  
 Ir. Prof. Dr. Wong Hin Yong *(Co-opted)*  
 Dr. Muhammad Nasiruddin b. Mayhuddin Grad. IEM *(Co-opted)*  
 Ir. Dr. Chuah Joon Huang *(Co-opted)*

**BAHAGIAN TEKNIK KEJURUTERAAN MEKANIKAL**  
*(Mechanical Engineering Technical Division)*
**Pengerusi**

Ir. Dr. Kannan M. Munisamy

**Timbalan Pengerusi**

Ir. Loo Chee Kin

**Setiausaha / Bendahari**

Ir. Dr. Aidil Chee Tahir

**Penasihat**

Ir. Fam Yew Hin

**Ahli-Ahli**

Ir. Dr. Tan Chee Fai  
 Ir. Syed Neguib b. Syed Mohamed  
 Dr. Lim Chin Seong Grad. IEM  
 Ir. Wan Rizaluddin Abdullah bin Wan Ali  
 Mr. Wan Foo Mun, Lawrence Grad. IEM  
 Ir. Tan Chew Peng  
 Ir. Noor Hisham Yahaya *(Co-opted Member)*  
 Ir. Luk Chau Beng *(Co-opted Member)*  
 Ir. Gopal Narian Kutty *(Co-opted Member)*  
 Ir. Dr. Cheong Thiam Fook *(Co-opted Member)*  
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**Timbalan Pengerusi**

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Ir. Lo Seng Ling

**Penasihat**

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**Setiausaha / Bendahari**

Ir. Sofia Johari

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 Mr. Charles Wan Foo Keong  
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**Timbalan Pengerusi**

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**Setiausaha / Bendahari**

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**Penasihat**

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 Ir. Somasuntharam a/l Chinniah  
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 Ir. Thavanendran Mahalingam  
 Ir. Dr. Dhaksyani Ratnadurai  
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**Setiausaha / Bendahari**

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**Penasihat**

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 Dr. Teow Yeit Haan Grad. IEM  
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 Ir. Tan Ban Loong (Co-opted)  
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**Penasihat**

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Ir. Maheswaran a/l Gantheel @ Annamalai (*Co-opted*)

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**Penasihat**

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Mr. Pu Chuan Hsian Grad. IEM

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Mr. Puah Kuan Hua Grad. IEM

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Mr. Eddy Cheah Hock Seng MIEM

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**Setiausaha / Bendahari**

Ir. Lim Leong Bok

**Penasihat**

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

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**Setiausaha / Bendahari**

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**Penasihat**

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Ir. Lalchand a/l Gulabrai

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**Naib Pengerusi (II)**

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**Setiausaha / Bendahari**

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**Penasihat**

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**Ahli-Ahli**

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Sdr. Haw Wai Kit

Mr. Koh Yang Mun Grad. IEM

Sdr. Naveen Kumar A/L Apparao

Mr. Kenny Chia Grad. IEM

Mr. Tang Jun Huat Grad. IEM *(Co-opted)*Sdr. Cheah Khai Chun *(Co-opted)*Sdr. Low Kar King *(Co-opted)*Mr. Tay Eng Chong *(Co-opted)*Mr. Wasif Ali Khan *(Co-opted)***BAHAGIAN JURUTERA WANITA***(Women Engineers Section)***Pengerusi**

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**Timbalan Pengerusi II**

YBhg. Datin Sri Ir. Nor Asiah binti Othman

**Setiausaha**

Ir. Mah Siew Kien

**Bendahari**

Ir. Hajah Rosnelawati Haji Ismail

**Mantan Pengerusi**

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Ir. Lim Lea Pieng

Ms. Sumathi a/p Subramaniam Grad. IEM

Ms. Kamila binti Ab Hamid Grad. IEM

Ms. Jesse Yong Li Chun Grad. IEM

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Ir. Chong Kwet Hin, Frankie

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**Penasihat**

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**Ahli-Ahli**

Ir. Gong Ngie Dee

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**Naib Pengerusi (II)**

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**Bekas Pengerusi**

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**Bekas Pengerusi Terakhir**

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**Naib Pengerusi (II)**

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**Setiausaha Kehormat**

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**Bendahari Kehormat**

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**Ahli-Ahli**

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**Bendahari Kehormat**

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**Bendahari Kehormat**

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**Naib Pengerusi (II)**

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**Bendahari Kehormat**

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**Naib Pengerusi (II)**

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**Bendahari Kehormat**

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Ir. Tian Foon Howe

**Naib Pengerusi (II)**

Ir. Lau Hieng Ho

**Setiausaha Kehormat**

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**Bendahari Kehormat**

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**Ahli-Ahli**

Ir. Chong Boon Hui

Ir. Yeoh Kim Hing

Ir. Chin Teck Eng

Ir. Meheron Selowara Joo

**Bekas Pengerusi Terakhir**

Ir. Steven Chin Hui Seng



**JAWATANKUASA PENGELOLA**

**Jawatankuasa Pengelola Pertandingan “CHEM-E-CAR  
Kebangsaan KE 12” 2017**

*(Organising Committee for 12th Malaysian Chem-E-Car  
Competition 2017)*

**Pengerusi**

Assoc. Prof. Dr. Nooryusmiza Yusoff

**Pengerusi Bersama**

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**Ahli-Ahli**

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**Jawatankuasa Pengelola Pertandingan “CHEM E CAR  
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Dr. Mohd Shahbudin Mastar (*UKM*)

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Dr. Show Pau Loke (*Nottingham*)

En. Mohd Fauzi Zanil (*UCSI*)

Dr. Soundarajan Krishnan (*Manipal University*)

En Hanafiah Zainal Abidin (*UiTM*)

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**Ahli-Ahli**

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Ms. Tiang Kor Lin Grad. IEM

Mr. Tay Eng Chong Grad. IEM

Mr. Kok Jing Shun Grad. IEM

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**Jawatankuasa Pengelola Pertandingan Rekabentuk IEM  
2016/2017**

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Ir. Dr Chong Chien Hwa (*Taylor's University*)

Ms Fitrotulhayat Binti Rodzi

Mr Lee Teck Lii

**JAWATANKUASA PENGELOLA**

**Jawatankuasa Pengelola Asian Congress of Fluid  
Mechanics 2016 (ACFM 2016)**

**Pengerusi**

Ir. Dr. Kannan M. Munisamy

**Ahli-Ahli**

Ir. Noor Hisham bin Yahaya (*IEM*)

Ir. Hasril Hasini (*UNITEN*)

Ir. Gopal Narian Kutty (*IEM*)

Ir. Dr. Cheong Thiam Fook (*IEM*)

Ir. Dr. Mohd. Zamri Yusoff (*UNITEN*)

Dr. Abreeza Noorliana Abd. Manap (*UNITEN*)

Dr. Savithry K. Thangaraju (*UNITEN*)

Ir. Prof. Tso Chih Ping (*MMU*)

Dr. Yap Tze Chuen (*Heriot Watt*)

Ir. Dr. Zulfikli Abdullah (*USM*)

Dr. Shahrir Abdullah (*UKM*)

Ir. Dr. Zambri Harun (*UKM*)

Dr. Srihar Rajoo (*UTM*)

Dr. Nik Nazri Nik Ghazali (*UM*)

Dr. Ahmad Kamal Ariffin (*UPM*)

Dr. Rizal Zahari (*UM*)

Dr. Lim Chin Seong (*Nottingham*)

Dr. Siti Sarah Ain Fadhil (*UNITEN*)



**JAWATANKUASA ULASAN**

**Jawatankuasa Ulasan "Pengurusan ISO"**  
(*IEM Management Review Committee for ISO*)

**Pengerusi**

Ir. Tan Yean Chin

**Timbalan Pengerusi**

Ir. David Lai Kong Phooi

**Ahli-ahli**

Ir. Prof. Dr. Ruslan bin Hassan  
Ir. Lai Sze Ching  
Ir. Lee Boon Chong  
Ir. Elias Saidin  
Ir. Prof. Dr. Jeffrey Chiang Choong Luin  
Ir. Assoc. Prof. Dr. Norlida binti Bunyamin  
Ir. Ong Ching Loon  
Ir. Yam Teong Sian  
Dr. Wang Hong Kok  
Ir. PE Chong  
Ir. Mohd Khir Muhammad  
Ir. Yap Soon Hoe  
Ir. Gopal Narian Kutty  
Ir. Gunasagaran a/l Kristnan  
Ir. Ishak bin Abdul Rahman  
Y.Bhg. Lt. Jen. Dato' Wira Ir. Ismail bin Samion (*Rtd*)  
Ir. Dr. Tan Chee Fai

**JAWATANKUASA KO-ORDINASI**

**Pasukan Bertindak**

(*Position Paper Co-ordinating Committee*)

**Pengerusi**

Ir. David Lai Kong Phooi

**Ahli-Ahli**

Ir. Tan Yean Chin  
Y.Bhg. Dato' Ir. Ahmad Fuad bin Embi  
Y.Bhg. Dato' Paduka Ir. Hj. Keizrul bin Abdullah  
Ir. Dr. Ahmad Anuar bin Othman  
Ir. Dr. Muhammad Fuad bin Abdullah  
Ir. Dr. Ooi Teik Aun  
Ir. Faisal A. Sanusi  
Ir. Lalchand Gulabrai  
Ir. Lee Kee Bau  
Ir. Luk Chau Beng  
Ir. Chong Sun Fatt  
Ir. Yee Yew Weng  
Prof. Dr. Show Kuan Yew  
Y.Bhg. Dato' Ir. Ali Askar Sher Mohamad

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

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

**Pengerusi**

Y.Bhg. Dato' Ir. Lim Chow Hock

**Ahli-Ahli**

Ir. Lai Sze Ching  
Ir. Lee Boon Chong  
Ir. Yam Teong Sian  
Ir. Juares Rizal Ab Hamid  
Ir. Dr. Kannan M. Munisamy  
Ir. Yau Chau Fong  
Ir. Dr. Ng Soon Ching  
Ir. Assoc. Prof. Dr. Lee Tin Sin  
Ir. Hjh. Raftah Mahfar  
Mr. Kok Jing Shun Grad. IEM



JANUARY - DECEMBER 2016

STANDING COMMITTEE ON PROFESSIONAL PRACTICE

No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
1	<b>Academy of Sciences Malaysia (ASM)</b>					
	Dialogue / Meetings:	26th ASM Water Committee (AWC) Meeting	Dato' Ir. Lim Chow Hock	1/1.	3/8/16	Excomm
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation to be a Panelist for STS Forum on Green Technology	Ir. Ong Ching Loon Ir. Dr Tan Chee Fai	1/1. 1/1.	19/5/16	CA CA
		Strategic Planning Workshop on Developing New STI-Based Industries for Malaysia in the Next 5 Years Arising from Merging Market Access through AEC and TPPA	En. Abdul Fattah bin Mohamed Yatim, MIEM Ir. Santha Kumaran a/l Erusan @ Krishnan Datuk Ir. Rosaline Ganendra	1/1. 1/1. 1/1.	23/7/16	CA CA CA
		International Conference on Science for Peace: More for Peace, Less for War	Dato' Ir. Lim Chow Hock Ir. Choo Kok Beng	1/1. 1/1.	15-16/8/16	Excomm Excomm
		ASM 10th General Assembly themed "Ethics and Responsible Conduct of Research (RCR)"	<i>No representative</i>	0/1	24/9/16	CA
		Invitation to Focus Group Meeting (Halal Industry) on Developing New STI-BASED Industries for Malaysia to Serve Emerging Markets in ASEAN and TPPA Member Countries	En. Abdul Fattah bin Mohamed Yatim, MIEM	1/1.	28/9/16	CA
		Invitation to Focus Group Meeting (Services Sector) on Developing New STI-BASED Industries for Malaysia to Serve Emerging Markets in ASEAN and TPPA Member Countries	En. Abdul Fattah bin Mohamed Yatim, MIEM	0/1	29/9/16	CA
		Digital Technology Focus Group Workshop on Emerging Science, Engineering and Technology (ESET)	En. Abdul Fattah bin Mohamed Yatim, MIEM	1/1.	14/10/16	ICTSIG
		Invitation to Business Opportunity Forum with Morocco	Ir. Jeyanthi Ramasamy	1/1.	17/10/16	IEM Business Club
		Invitation to Attend STS Forum on Niche SME (ICT and Biotechnology)	Ir. Choo Kok Beng	1/1.	17/11/16	Excomm
2	<b>Asian Strategy &amp; Leadership Institute (ASLI)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	19th National Housing and Property Summit 2016: Revitalising the Housing and Property Industry - What Next Year for the Housing & Property Sector?	Ir. David Lai Kong Phooi Ir. Ong Ching Loon Ir. Lai Sze Ching Ir. Prof. Dr Jeffrey Chiang Choong Luin Ir. Elias bin Saidin	1/1. 1/1. 1/1. 1/1. 1/1.	8-9/9/16	Excomm Excomm Excomm Excomm Excomm
3	<b>ASEAN Business Advisory Council Malaysia (ASEAN BAC)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation to the 7th ASEAN Business Awards Malaysia (ABAM) Gala Dinner	Ir. Tan Yean Chin	1/1.	31/5/16	Excomm
		Invitation to the ASEAN-INDIA Business Leadership Conclave 2016	Ir. Gunasagaran Kristnan	1/1.	21/7/16	CA
4	<b>ASHRAE Malaysia Chapter (MASHRAE)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	MASHRAE 31st Annual Dinner "Shaping Tomorrow" Invitation	Ir. Tan Yean Chin	1/1.	14/10/16	Excomm



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee			
5	Balai ikhtisas Malaysia (BIM) / Malaysian Professional Centre	Dialogue / Meetings: The Board of Management Meeting (3) 2015/2016 (BOM)	Ir. Vincent Chen Kim Kieong	1/1.	25/2/16	Excomm			
			Ir. Gunasagaran Kristnan	1/1.		Excomm			
			Ir. Yau Chau Fong	1/1.		Excomm			
				The 43rd Annual General Meeting (AGM) (43) 2015/2016	Dato' Ir. Lim Chow Hock Ir. Gunasagaran Kristnan Ir. Yau Chau Fong	0/1 1/1. 1/1.	28/7/16	Excomm CA Excomm	
				The Board of Management Meeting (1) 2016/2017 (BOM)	Dato' Ir. Lim Chow Hock Ir. Gunasagaran Kristnan Ir. Yau Chau Fong	0/1 1/1. 0/1		20/10/16	Excomm CA Excomm
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	BIM Inter-Personal Game-Bowling	Ir. Tejinder Singh En. Muhammad Azri bin Abdul Aziz Ir. Vignaeswaran Shanmuganathan En. Azahari bin Md. Rejab	1/1. 1/1. 1/1. 1/1.	24/7/16			EETD EETD EETD DRRAB, PPC
				Hari Raya Aidilfitri 2016	Ir. Gunasagaran Kristnan		1/1.		28/7/16
		6	Bar Council Malaysia						
			Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Opening Ceremony of International Malaysia Law (IML) Conference 2016	Ir. Lai Sze Ching	1/1.	21/9/16	PPC	
				Review of Construction Law: Section 75 of Contracts Act 1950	Ir. Lai Sze Ching Ir. Dr Ooi Teik Aun Ir. ND Gong Ir. CK Khoo Ir. Leon Weng Seng Ir. Shanmugaraj CT Pillai	1/1. 1/1. 1/1. 1/1. 1/1. 1/1.	25/1/17	PPC PPC / DARP DARP DARP DARP DARP	
7	BCI Asia Construction Information Sdn Bhd								
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation to the 12th BCI Asia Awards 2016	Ir. Lai Sze Ching	1/1.	27/5/16	PPC			
8	Building Industry Presidents' Council (BIPC)								
	Dialogue / Meetings:	39th BIPC Meeting	Dato' Ir. Lim Chow Hock Ir. Yam Teong Sian Ir. Lai Sze Ching Ir. Gunasagaran Kristnan Ir. Wong Chee Fui	1/1. 1/1. 1/1. 1/1. 1/1.	26/1/16	Excomm Excomm Excomm Excomm -			
		40th BIPC Meeting	Dato' Ir. Lim Chow Hock Ir. Yam Teong Sian Ir. Lai Sze Ching Ir. Gunasagaran Kristnan Ir. Wong Chee Fui	1/1. 0/1. 0/1. 0/1. 1/1.		29/3/16		Excomm Excomm Excomm Excomm -	
		41st BIPC Meeting	Ir. Tan Yean Chin Ir. Yam Teong Sian Ir. Lai Sze Ching Ir. Wong Chee Fui	1/1. 0/1 1/1. 1/1.			6/6/16	Excomm Excomm Excomm -	





No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		42nd BIPC Meeting	Ir. Tan Yean Chin Ir. Yam Teong Sian Ir. Lai Sze Ching Ir. Wong Chee Fui	0/1. 0/1 1/1. 1/1.	6/9/16	Excomm Excomm Excomm -
		43rd BIPC Meeting	Ir. Tan Yean Chin Ir. Yam Teong Sian Ir. Lai Sze Ching Ir. Wong Chee Fui	1/1. 0/1 1/1. 1/1.	15/11/16	Excomm Excomm Excomm -
<b>9</b>	<b>Building Management Association of Malaysia (BMAM)</b>					
	Dialogue / Meetings:	18th Meeting of the Executive Committee	Ir. Lee Weng Onn	1/1.	30/3/16	Excomm
		19th Meeting of the Executive Committee	Ir. Lee Weng Onn ( <i>main</i> ) Ir. Yong Kee Chiang ( <i>alt</i> )	1/1. 0/1	17/8/16	Excomm CA
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	7th Annual General Meeting (AGM)	Ir. Lee Weng Onn	1/1.	30/3/16	Excomm
<b>10</b>	<b>Building Materials Distributors Association of Malaysia (BMDAM)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	BMDAM 29th Annual Golf Tournament 2016	<i>No representative</i>	0/1	26/5/16	Excomm
		BMDAM 40th Anniversary Dinner	Ir. Prof. Dr Jeffrey Chiang Choong Luin	1/1.	3/11/16	Excomm
<b>11</b>	<b>Building Sector Energy Efficiency Project (BSEEP)</b>					
	Dialogue / Meetings:	Project Review Committee (PRC) Meeting No. 1/2016	Ir. Tejinder Singh Ir. Wong Chu Loong Ir. Roger Wong Chin Weng	1/1. 0/1 0/1	17/3/16	EETD BSTD METD
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	BSEEP Sector Energy Efficiency Project (BSEEP): Energy Data Workshop for Buildings	Mr. Chong Swee Long, Grad. IEM	1/1.	19/5/16	EETD
		BSEEP Seminar Series: Active & Passive Design in Energy Efficient Buildings	Ir. Prof. Hayati binti Abdullah  <i>No representative</i> Ir. Gopal Narian Kutty	1/1.  0/1 1/1.	23/5/16  26/5/16 2/6/16	IEM Southern Branch IEM Penang Branch Activities
		2 Day Workshop on Energy Management System Development	<i>No representative</i> Ir. Tejinder Singh Ir. Roger Wong Chin Weng	0/1 1/1. 1/1.	20-21/7/16 14-18/8/16	Activities EETD EETD
		Invitation to #Run4EE at Putrajaya Night Run	<i>No representative</i>	0/1	30/7/16	Activities
		16th Malaysia Energy Service Conference (MAESCO) Conference 2016	Ir. Al-Khairi bin Mohd. Daud Ir. Roger Wong Chin Weng	1/1. 1/1.	16/11/16	BSTD EETD
		BSEEP Workshop on National Workshop Building Sector Energy Efficiency	<i>No representative</i>	0/1	8/12/16	IEM Penang Branch



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
12	Construction Industry Development Board Malaysia [CIDB]	Dialogue / Meetings:				
		Jemputan Mesyuarat Penganjuran ICW 2016 (Bil. 2/2016)	Ir. Dr Cheong Thiam Fook Ir. Sreedaran Raman	1/1. 1/1.	29/1/16	MDP/ METD Welfare & Service Matters
		Jemputan Mesyuarat Penganjuran ICW 2017 (Bil. 1/2016)	Ir. Dr Cheong Thiam Fook Ir. Fam Yew Hin	1/1. 1/1.	15/8/16	MDP/ METD MDP/ METD
		Jemputan Mesyuarat Penganjuran ICW 2017 (Bil. 2/2016)	Ir. Dr Cheong Thiam Fook Ir. Fam Yew Hin Ir. Syed Nequib bin Syed Mohamed	0/1 0/1 1/1.	11/10/16	MDP/ METD MDP/ METD MDP/ METD
		Mesyuarat Susulan Penggunaan MyCESMM di Kalangan Rakan Kolaborasi MoU	Ir. Gunasagaran Kristnan Ir. Hj. Shahul Ikram bin Hj. Adnan	1/1. 1/1.	2/3/16	PPC (SC on EC) PPC (SC on EC)
		Mesyuarat CITP Initiative Working Group on Malaysian Standard CESMM (CITP-IWG17/i1c-MS CESMM) No. 1/2016	Ir. Gunasagaran Kristnan	1/1.	5/1/17	PPC (SC on EC)
		Mesyuarat CITP Initiative Working Group on Malaysian Standard CESMM (CITP-IWG17/i1c-MS CESMM) No. 2/2016	Ir. Gunasagaran Kristnan	1/1.	25/4/16	PPC (SC on EC)
		Mesyuarat CITP Initiative Working Group on Malaysian Standard CESMM (CITP-IWG17/i1c-MS CESMM) No. 5/2016	Ir. Gunasagaran Kristnan	1/1.	20/9/16	PPC (SC on EC)
		Mesyuarat Jawatankuasa CITP-IWG10/P3-IBS (Bil. 1/2016)	Ir. Hooi Wing Chuen	1/1.	29/4/16	CSETD
		Mesyuarat CITP Initiative Working Group on Sustainable Ratings (CITP-IWG6/E1 & E2 - Sustainable Ratings) Bil. 1/2016	Dato' Ir. Lim Chow Hock	0/1	4/5/16	Excomm
		Mesyuarat CITP Initiative Working Group on Sustainable Ratings (CITP-IWG6/E1 & E2 - Sustainable Ratings) Bil. 2/2016	Dato' Ir. Lim Chow Hock	0/1	11/11/16	Excomm
		Mesyuarat Penelitian Penyediaan Garispanduan Terperinci bagi Kemudahan Peningapan Pekerja Binaan	Ir. Tu Yong Eng	0/1	11/3/16	CSETD
		Jemputan bagi Menghadiri Sesi Konsultansi Bersama Pasukan Projek Bay 21: Remajaya Sdn Bhd	Ir. Chong Chew Fan	1/1.	18/4/16	PPC
		Jemputan bagi Menghadiri Sesi Konsultansi Bersama Pasukan Projek Econmas House: Econmas Sdn Bhd	Ir. Chong Chew Fan	1/1.	18/4/16	PPC
		Jawatankuasa Kerjasama Pelaksana (JKP) Memorandum Berkenaan Tadbir Urus, Integriti & Pencegahan Rasuah Dalam Industri Pembinaan Malaysia - Mesyuarat bagi Membincangkan Hala Tuju Pelan Tindakan Pencegahan Rasuah	Ir. Yam Teong Sian	0/1	20/4/16	Excomm
		Jawatankuasa Kerjasama Pelaksana (JKP) Memorandum Kerjasama Berkenaan Tadbir Urus, Integriti & Pencegahan Rasuah Dalam Industri Pembinaan Malaysia - Mesyuarat Bil. 1/2016	Ir. Yam Teong Sian	0/1	9/3/16	Excomm



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		Jawatankuasa Kerjasama Pelaksana (JKP) Memorandum Kerjasama Berkenaan Tadbir Urus, Integriti & Pencegahan Rasuah Dalam Industri Pembinaan Malaysia - Mesyuarat Bil. 2/2016	Ir. Yam Teong Sian	0/1	14/6/16	Excomm
		Jawatankuasa Kerjasama Pelaksana (JKP) Memorandum Kerjasama Berkenaan Tadbir Urus, Integriti & Pencegahan Rasuah Dalam Industri Pembinaan Malaysia - Mesyuarat Bil. 3/2016	Ir. Yam Teong Sian Ir. Gunasagaran Kristnan ( <i>alt</i> )	0/1 0/1	6/9/16	Excomm PPC
		Meeting on MCIEA Best Project Award (Building) Category #1/2016	Ir. Al-Khairi bin Mohd. Daud	1/1.	10/5/16	BSTD
		Jawatankuasa Akreditasi & Pendaftaran Organisasi Pakar Keselamatan & Kesihatan Pembinaan - Jemputan Menghadiri Mesyuarat Bil. 1/2016	Ir. Noor Hisham bin Yahaya Ir. Dr Kannan M. Munisamy	0/1 0/1	20/7/16	METD METD
		Mesyuarat Penganjuran ICW 2017 (Bil. 1/2016)	Ir. Wong Chee Fui	1/1.	15/8/16	-
		Jawatankuasa Teknikal bagi "Construction Practices" - Mesyuarat Bil. 1/2016	Ir. Tu Yong Eng	0/1	8/9/16	CSETD
		Jawatankuasa Teknikal bagi "Construction Practices" - Mesyuarat Bil. 4/2016	Ir. Tu Yong Eng Ir. Dr Ng Soon Ching	0/1 0/1	3/11/16	CSETD CSETD
		Jawatankuasa Teknikal (TASKFORCE) Malaysia Reduction and Environmental Sustainability Tool (MyCREST) Kali Pertama 2016	Ir. Chong Chew Fan	1/1.	20/9/16	PPC
		Mesyuarat Jawankuasa Teknikal Bahan Binaan (JTBB) CIDB Bil 2/2016	Ir. Gunasagaran Kristnan	1/1.	27/9/16	PPC
		Jemputan Ke Sesi Perbincangan Meja Bulat Bersama Pihak Industri Pembinaan Bagi Penyediaan Input Rundingan Perjanjian Perdagangan Bebas (FTA) Di Antara Malaysia & Kesatuan Eropah	<i>No representative</i>	0/1	30/9/16	CA
		Mesyuarat Penubuhan Kumpulan Kerja (WG) bagi Pembangunan Standard "Produk Prefabricated Steel Truss Systems"	Ir. David Lai Kong Phooi	1/1.	7/10/16	Excomm
		BIPC Meeting with Chief Executive of CIDB, Dato' Ir. Ahmad Asri bin Abd. Hamid	Ir. Wong Chee Fui	1/1.	1/11/16	-
		Mesyuarat Penetapan Tempoh Peralihan bagi Penguatkuasaan Standard Mandatori dalam Industri Pembinaan	Ir. Hooi Wing Chuen	1/1.	8/1/16	CSETD
		Mesyuarat Penganjuran Healthcarebuild Environment Asia Conference & Exhibition - Bil. 4th Steering Committee (HBE Asia 2016)	Ir. Al-Khairi bin Mohd. Daud	1/1.	11/1/16	BSTD
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan ke Malaysia Carbon Reduction and Environmental Sustainability Tool (MyCREST) Assessor Course	Ir. Chong Chew Fan	1/1.	13-15/1/16	PPC
		Program Lawatan Teknikal Amalan Baik Pengurusan Sisa Bahan Binaan a) <i>Cadangan Pembangunan Bercampur di Atas Lot 3975 &amp; 4189, Taman Wahyu, Jalan Ipoh, Mukim Batu, Daerah KL (Eco Sky Development)</i> b) <i>Cadangan Membina &amp; Menyiapkan Pembangunan Pejabat &amp; Kerja-Kerja Berkaitan di Atas Lot PT 7562 (Plot 2M7), Presint 2, Putrajaya</i>	<i>No representative</i>	0/1	24/2/16	EnvETD
		Jemputan Menyertai Seminar "The 11th Malaysia Plan - Realising Green Growth: Sustainable and Resilient Infrastructure as the Game Changer" Bersempena Majlis Pelancaran Sistem Penilaian Bangunan Hijau MyCREST	Ir. Chong Chew Fan Ir. Santha Kumaran a/ Erusan @ Krishnan	1/1. 1/1.	12/5/16	PPC EnvETD



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		Majlis Perasmian Pelancaran Malaysian Carbon Reduction & Environmental Sustainability Tool (MyCREST)	Dato' Lt. Gen. @ Ir. Ismail bin Samion	1/1.	12/5/16	PPC
		Lawatan Teknikal Berkaitan Bangunan Hijau – AJK MyCREST	Ir. Chong Chew Fan	1/1.	2/11/16	PPC
		Jemputan untuk Menghadiri Lawatan Tapak ke Projek Disenarai Pendek bagi Anugerah Kecemerlangan Industri Pembinaan (MCIEA) Kategori Projek Terbaik (Bangunan)	Ir. Al-Khairi bin Mohd. Daud	1/1.	31/5/16	BSTD
			Ir. Al-Khairi bin Mohd. Daud	1/1.	2/6/16	BSTD
			Ir. Al-Khairi bin Mohd. Daud	1/1.	14/6/16	BSTD
			Ir. Al-Khairi bin Mohd. Daud	1/1.	14/6/16	BSTD
		Lawatan Tapak Jawatankuasa Penilai Anugerah Industri Pembinaan 2016 (MCIEA 2015) Kategori: Anugerah Khas (Projek 1: Construction and Completion of Substructure, Superstructure and Finishing Works for (78) Units Double Storey Terrace House Presint 3, Nilai, Negeri Sembilan)	Ir. Gunasagaran Kristnan	1/1.	16/6/16	PPC
		Lawatan Tapak Jawatankuasa Penilai Anugerah Industri Pembinaan 2016 (MCIEA 2015) Kategori: Anugerah Khas (Projek 2: Construction and Completion of Substructure, Superstructure and Finishing Works for (78) Units Double Storey Terrace House Presint 1, Nilai, Negeri Sembilan)	Ir. Gunasagaran Kristnan	1/1.	16/6/16	PPC
		Lawatan Tapak Jawatankuasa Penilai Anugerah Industri Pembinaan 2016 (MCIEA 2015) Kategori: Anugerah Khas (Projek 3: Seri Jati Apartment (6 Bloks - 948 Units) Cadangan Membina 3 Blok Rumah Pangsa Kos Sederhana Rendah (RPSR-2) 10 Tingkat (471 Unit), 3 Blok Rumah Pangsa Kos Sederhana Rendah (RPSR-1) 11 Tingkat (477 Unit) di Atas Sebahagian PT 77177 (Lot 16751), No. 2, Jalan Setia Gemilang U 13/45 C, Setia Alam, Seksyen U 13 Shah Alam, Selangor	Ir. Gunasagaran Kristnan	1/1.	16/6/16	PPC
		Lawatan Tapak Jawatankuasa Penilai Anugerah Industri Pembinaan 2016 (MCIEA 2015) Kategori: Anugerah Khas (Projek 4: Cadangan Kerja Cerucuk dan Membina 2 Blok Rumah Pangsa Kos Sederhana 11 Tingkat Beserta 1 Tingkat Separa Aras Bawah Tanah Terbuka (350 Unit) di Jalan Setia Gemilang U 13/45 C, Setia Alam, Seksyen U 13 Shah Alam, Selangor	Ir. Gunasagaran Kristnan	1/1.	16/6/16	PPC
		Lawatan Tapak Jawatankuasa Penilai Anugerah Industri Pembinaan 2016 (MCIEA 2015) Kategori: Anugerah Khas (Projek 1: Proposed Construction & Completion of 150 Units Double Storey Terrace House at Q16B, Taman Scientex Pasir Gudang, Johor)	Ir. Gunasagaran Kristnan	1/1.	20/6/16	PPC
		Lawatan Tapak Jawatankuasa Penilai Anugerah Industri Pembinaan 2016 (MCIEA 2015) Kategori: Anugerah Khas (Projek 2: Proposed Construction & Completion of 170 Units Double Storey Terrace House Phase SN2, Taman Scientex Pasir Gudang, Johor)	Ir. Gunasagaran Kristnan	1/1.	20/6/16	PPC
		Jemputan untuk Menghadiri Modul Profesional IBS 1 dan 2 Anjuran CIDB bagi "I.r." - IBS Module 1 (M01): Introduction to IBS for Building & IBS Module 2 (M02): Modular Coordination System (40 orang peserta dari IEM)	Ir. Gunasagaran Kristnan	1/1.	19-21/7/16	PPC



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		Lawatan Tapak Jawatankuasa Penilai Anugerah Industri Pembinaan 2016 (MCIEA 2015) Kategori: Anugerah Khas (Projek 4: Cadangan Kerja Cerucuk dan Membina 2 Blok Rumah Pangsa Kos Sederhana 11 Tingkat Beserta 1 Tingkat Separa Aras Bawah Tanah Terbuka (350 Unit) di Jalan Setia Gemilang U 13/45 C, Setia Alam, Seksyen U 13 Shah Alam, Selangor	Ir. Yam Teong Sian Ir. Lee Mun Poh Ir. Tejinder Singh Ir. Foo Jong Wee Ir. Sukhairul Nizam bin Abdul Razak Ir. Syed Rajah Hussain Shaib bin A.H. Mohd Haniff Ir. Vincent Wong Khien Ngie Ir. Yong Hong Lee Ir. Hj. Look Keman bin Sahari Ir. Koh Siong Lee Ir. Hj Zainal Arsad bin Md Amin Ir. Thamim Anser bin Habibullah Khan Ir. Dr Aidil Chee Tahir Ir. Mohamed Ali bin Mohamed Sultan Ir. Roznan bin Abdul Rashid Ir. Dr Tan Kuang Leong Ir. Dr Ng Soon Ching	1/1. 1/1. 0/1 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1.	16/6/16	Excomm ICTSIG ICTSIG ICTSIG E <sup>2</sup> TD TUSTD PMTD E <sup>2</sup> TD OGMTD CESIG PMTD AFETD METD MNATD OGMTD Excomm CSETD
		Majlis Sambutan Hari Raya Aidilfitri CIDB Malaysia Bersama YB Menteri Kerja Raya	Ir. Gunasagaran Kristnan	1/1.	26/7/16	PPC
		Jawatankuasa Teknikal bagi "Construction Practices" - Bengkel Persidangan Pemantapan & Penyemakan Semula MS 1064: 2001 (Confirmed 2009) Part 1, Part 2 & Part 10	Ir. Tu Yong Eng	0/1	7-9/8/16	CSETD
		Jemputan Menghadiri Program Taklimat Integriti dan Etika Perniagaan - Memorandum Kerjasama Berkaitan Tadbir Urus, Integriti & Pencegahan Rasuah Dalam Industri Pembinaan Malaysia	Ir. Yam Teong Sian	0/1	11/8/16	Excomm
		Jemputan untuk Menghadiri Modul Profesional IBS 1 Anjuran CIDB - IBS Module 1 (M01): Introduction to IBS for Building (20 orang peserta dari IEM)	Dato' Paduka Ir. Prof. (Dr) Keizrul bin Abdullah Ir. Gunasagaran Kristnan Ir. Dr. Nor Azhar bin Mohd Arif Ir. Tejinder Singh Ir. Vasan Mariappan Ir. Dr Chew Chong Key Ir. Chia Chee Weng En. Mohd Yusof bin Rahmad Tulahan	1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1.	21-22/9/16	PPC PPC PMTD ICTSIG AFETD AFETD METD METD
		Invitation to MCIEA (Malaysian Construction Industry Excellence Awards) 2016	Ir. Gunasagaran Kristnan	1/1.	23/9/16	PPC
		Jawatankuasa Teknikal bagi "Construction Practices" - Bengkel Persidangan Pemantapan & Penyemakan Semula MS 1064: 2001 (Confirmed 2009) Part 1, Part 2 & Part 10	Ir. Tan Yean Chin Ir. David Lai Kong Phooi Dato' Ir. Lim Chow Hock Ir. Hooi Wing Chuen Ir. Prof. Dr Jeffrey Chiang Choong Luin	0/1 0/1 0/1 0/1 1/1.	7-9/8/16	Excomm Excomm Excomm CSETD Excomm
		Jemputan untuk Menghadiri Modul Profesional IBS 2 Anjuran CIDB - IBS Module 1 (M02): Modular Coordination System (20 orang peserta dari IEM)	Ir. Hooi Wing Chuen Dr Sang Yew Ngin Ir. Fan Hong Poh	1/1. 1/1. 1/1.	5-6/10/16	EnvETD PSESIG EnvETD
		Jemputan Seminar Transformasi Industri Pembinaan Malaysia 2016	<i>No representative</i>	0/1	29/9/16	Activities



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		Jemputan Menyertai Kursus Train the Trainer bagi Modul IBS 01-03	Ir. Gunasagaran Kristnan Ir. Dr Ng Soon Ching	1/1.  1/1.	7-8/10/16	PPC  CSETD
		Jemputan Menyertai Kursus Train the Trainer bagi Modul IBS 04-05	Ir. Gunasagaran Kristnan Ir. Chia Chee Weng Mr. Billy Lim Heng Ten Ir. Dr Chew Chong Key Ir. Gunasagaran Kristnan	1/1.  1/1. 1/1. 1/1. 1/1.	14-17/10/16	PPC  METD AFETD AFETD PPC
		Jemputan ke Bengkel Teknikal MyCREST	Ir. Chong Chew Fan	1/1.	17-19/10/16	PPC
		Training Module Malaysian Carbon Reduction and Environmental Sustainability Tool (MyCREST) - Qualified Professional	Ir. Chong Chew Fan	0/1	21/10/16	PPC
		Jemputan ke Bengkel Pembangunan Assessment Tool MyCREST	Ir. Chong Chew Fan	1/1.	23-25/10/16	PPC
		Usahasama Memperluaskan Penggunaan Malaysian Civil Engineering Standard Method of Measurement (MyCESMM) dalam Perolehan Peojek Kejuruteraan Sivil - Kursus Tenaga Pengajar Penggunaan MyCESMM	Ir. Gunasagaran Kristnan Ir. Hj. Shahul Ikram bin Hj. Adnan	1/1.  0/1	7-10/11/16	PPC (SC on EC) PPC (SC on EC)
		Industry Appreciation Dinner	Dato' Ir. Lim Chow Hock Ir. Ong Ching Loon Ir. Yam Teong Sian Ir. Dr Ahmad Kamil bin Hj. Arshad Ir. Lee Kee Bau Ir. Noor Hisham bin Yahaya Ir. Hooi Wing Chuen Ir. Yee Thien Seng Ir. Chong Chew Fan	1/1. 0/1 0/1 0/1  1/1. 1/1.  0/1 0/1 0/1	4/11/16	Excomm CA Excomm PPC  ACT METD  CSETD GETD PPC/ EETD
		Jemputan untuk Menghadiri Lawatan Teknikal Berkaitan Bangunan Hijau - Bangunan G Tower	Ir. Chong Chew Fan	1/1.	2/11/16	PPC/ EETD
		Jemputan untuk Menghadiri Lawatan Teknikal Berkaitan Bangunan Hijau - Bangunan Ibu Pejabat Korporat SP Setia	Ir. Chong Chew Fan	1/1.	2/11/16	PPC/ EETD
		CITP Initiative WG on Quality in Construction (Bengkel Kajian Semula KPI CITP-IWG6/E1 & E2 - Sustainable Ratings)	Dato' Ir. Lim Chow Hock	1/1.	2-4/12/16	Excomm
		Dialog IBS Bersama Ketua Eksekutif CIDB	Ir. Gunasagaran Kristnan	1/1.	9/12/16	PPC
		Memorandum Kerjasama Berkenaan Tadbir Urus, Integrity dan Pencegahan Rasuah dalam Industri Pembinaan: Galakan Menandatangani Corporate Integrity Pledge (CIP) dan Seminar Integriti 2016	Ir. Yam Teong Sian	0/1	15/12/16	Excomm
		Program Latihan Profesional IBS - Taklimat Pusat Latihan Bertauliah IBS	Ir. Gunasagaran Kristnan Ir. Dr Ng Soon Ching	1/1.  1/1.	21/12/16	PPC  CSETD
<b>13</b>	<b>Chemical Industries Council of Malaysia (CICM)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation to the Launch of CICM Responsible Care Awards 2015/2016 & Safe Road Award 2016	Ir. Thayananthan Balakrishnan	1/1.	26/4/16	CETD
<b>14</b>	<b>CIDB Holdings Sdn Bhd</b>					
	Dialogue / Meetings:	4th Steering Committee Meeting (HBE Asia 2016)	Ir. Al-Khairi bin Mohd. Daud	1/1.	11/1/16	BSTD





No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		5th Steering Committee Meeting (HBE Asia 2016)	Ir. Al-Khairi bin Mohd. Daud	1/1.	16/3/16	BSTD
		6th Steering Committee Meeting (HBE Asia 2016)	Ir. Al-Khairi bin Mohd. Daud	0/1	17/8/16	BSTD
15	<b>CIMB</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	CIMB Group Aidilfitri Open House	Ir. Ellias bin Saidin	1/1.	25/7/16	Welfare & Service Matters Excomm
			Ir. Yam Teong Sian	1/1.		
16	<b>Confederation of Scientific and Technological Associations in Malaysia (COSTAM)</b>					
	Dialogue / Meetings:	COSTAM Council Meeting	Ir. Prof. Dr Ruslan bin Hassan	1/1.	15/10/16	Excomm
			Ir. Chong Chew Fan	0/1		CA
			Ir. Dr Tan Chee Fai	0/1		CA
		32nd COSTAM Annual General Meeting (AGM)	Ir. Prof. Dr Ruslan bin Hassan	1/1.	26/11/16	Excomm
			Ir. Chong Chew Fan	0/1		CA
			Ir. Dr Tan Chee Fai	0/1		CA
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Talk on Being Trustees of NGO's Funds - Making the Extra Ringgit	Ir. Prof. Dr Ruslan bin Hassan	1/1.	26/11/16	Excomm
17	<b>Construction Research Institute of Malaysia (CREAM)</b>					
	Dialogue / Meetings:	43rd Board of Trustees' Meeting of Construction Research Institute of Malaysia (CREAM)	Ir. Choo Kok Beng	1/1.	15/2/16	Excomm
		44th Board of Trustees' Meeting of Construction Research Institute of Malaysia (CREAM)	Ir. Choo Kok Beng	0/1	25/5/16	Excomm
		The 12th Annual General Meeting of CREAM	Ir. Choo Kok Beng	1/1.	29/6/16	Excomm
		Pembangunan Modul Latihan Malaysian Carbon Reduction and Environmental Sustainability Tool (MyCREST) - Qualified Professional - Perlantikan Jawatankuasa Teknikal Penggubal Soalan	Ir. Chong Chew Fan	1/1.	21/10/16	PPC
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Presentation Session to CREAM Board of Trustee Member on R&D Project "The Development of affordable and Sustainable Housing for Middle Income Group in Klang Valley"	Ir. Choo Kok Beng	1/1.	15/1/16	Excomm
		7th Annual Affordable Housing Projects	<i>No representative</i>	0/1	6-8/4/16	Excomm
		Presentation Session to CREAM Board Committee on R&D Project: The Development of Affordable and Sustainable Housing for Middle Income Group in Klang Valley	Ir. Choo Kok Beng	1/1.	19/4/16	Excomm
		Invitation to Participate in Conference Towards Sustainable and Resilience Construction Malaysia	<i>No representative</i>	0/1	6/9/16	IEM Sarawak Branch
		Majlis Penganugerahan Mantan Pengerusi & Ahli Lembaga Pemegang Amanah CREAM	Ir. Choo Kok Beng	1/1.	2/12/16	Excomm
		Pembangunan Modul Latihan Malaysian Carbon Reduction and Environmental Sustainability Tool (MyCREST) - Qualified Professional (Bengkel Validasi Bersama Jawatankuasa Teknikal Penggubal Soalan	Ir. Chong Chew Fan	1/1.	19-20/12/16	PPC
18	<b>Department of Standards Malaysia (DSM)</b>					
	Dialogue / Meetings:	Mesyuarat Majlis Standard & Akreditasi Malaysia (MSDAM) Bil. 1/2016	Dato' Ir. Lim Chow Hock Ir. Tan Yean Chin (alt.)	1/1. 0/1	9/3/16	Excomm Excomm



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		Mesuarat Majlis Standard & Akreditasi Malaysia (MSDAM) Bil. 2/2016	Dato' Ir. Lim Chow Hock Ir. Tan Yean Chin (alt.)	1/1. 0/1	11/8/16	Excomm Excomm
		Mesuarat Majlis Standard & Akreditasi Malaysia (MSDAM) Bil. 3/2016	Dato' Ir. Lim Chow Hock Ir. Tan Yean Chin (alt.)	1/1. 0/1	8/9/16	Excomm Excomm
		Mesuarat Majlis Standard & Akreditasi Malaysia (MSDAM) Bil. 4/2016	Dato' Ir. Lim Chow Hock Ir. Tan Yean Chin (alt.)	0/1 0/1	9/12/16	Excomm Excomm
		Sesi Dialog Bersama Pihak Industri Negeri Sabah	Dato' Ir. Lim Chow Hock (alt.) Ir. Tan Yean Chin	1/1. 0/1	19/5/16	Excomm Excomm
		Mesuarat Majlis Standard & Akreditasi Malaysia (MSDAM) Bil. 2/2016	Dato' Ir. Lim Chow Hock (alt.) Ir. Tan Yean Chin	1/1. 0/1	19/5/16	Excomm Excomm
		Mesuarat Majlis Standard & Akreditasi Malaysia (MSDAM) Bil. 3/2016	Dato' Ir. Lim Chow Hock (alt.) Ir. Tan Yean Chin	1/1. 0/1	8/9/16	Excomm Excomm
		Mesuarat Jawatankuasa Standard Kebangsaan (MyNSC) Bil. 1/2016	Dato' Ir. Lim Chow Hock Ir. Prof. Dr Jeffrey Chiang Choong Luin	0/1 0/1	17/3/16	Excomm Excomm
		Mesuarat Jawatankuasa Standard Kebangsaan (MyNSC) Bil. 2/2016	Dato' Ir. Lim Chow Hock Ir. Prof. Dr Jeffrey Chiang Choong Luin En. Abdul Fattah bin Mohamed Yatim, MIEM	0/1 0/1 1/1.	2/8/16	Excomm Excomm Excomm
		Mesuarat Jawatankuasa Teknikal ISO/IEC JTC 1/SC 7 Berkenaan Software and System Engineering dan Kumpulan Kerja Berkaitan	Ir. Aw Kong Koy	0/1	23-37/5/16	Excomm
		Mesuarat Jawatankuasa Kebangsaan International Electrotechnical Commission, IEC (MyENC) Bil. 1/2016	Dato' Ir. Ali Askar bin Sher Mohamed Ir. Lim Kim Ten	1/1. 0/1	12/4/16	Excomm EETD
		Mesuarat Jawatankuasa Kebangsaan International Electrotechnical Commission, IEC (MyENC) Bil. 2/2016	Dato' Ir. Ali Askar bin Sher Mohamed Ir. Lim Kim Ten	0/1 1/1.	6/9/16	Excomm EETD
		Mesuarat Jawatankuasa Kebangsaan International Electrotechnical Commission, IEC (MyENC) Bil. 3/2016	Dato' Ir. Ali Askar bin Sher Mohamed Ir. Lim Kim Ten	0/1 1/1.	22/11/16	Excomm EETD
		Mesuarat Kumpulan Kerja Teknikal (TWG) - Energy Management Systems (EnMS) Bil. 1/2016	Ir. Luk Chau Beng Ir. Yau Chau Fong (alt.)	1/1. 0/1	30/6/16	METD EETD
		Mesuarat Kumpulan Kerja Teknikal (TWG) – Energy Management Systems (EnMS) No. 2/2016	Ir. Luk Chau Beng Ir. Yau Chau Fong (alt.)	1/1. 0/1	22/9/16	METD EETD
		Mesuarat Jawatankuasa Pengurusan IECEX Kebangsaan (National IECEX Management Committee, ExMC) Bil. 1/2016	Ir. Loo Chee Kin	1/1.	22/7/16	PPC
		Mesuarat Jawatankuasa Pengurusan IECEX Kebangsaan (National IECEX Management Committee, ExMC) Bil. 2/2016	Ir. Loo Chee Kin	1/1.	1/8/16	PPC
		Mesuarat Jawatankuasa Teknikal Berkenaan "Environmental Management (ISO/TC 207)"	Ir. Choo Chee Ming Ir. Hussein bin Rahmat (alt.)	0/1 0/1	25/8 - 3/9/16	EnvETD EnvETD
		Meetings of the IECEX System	Ir. Loo Chee Kin	0/1	5-9/9/16	PPC (FAB)
		Mesuarat Jawatankuasa Teknikal Berkenaan "Air Quality - Workplace Atmospheres (ISO/TC 146/SC 2)" dan "Indoor Air (ISO/TC 146/SC 6)	Ir. Santha Kumaran a/ Erusan @ Krishnan	1/1.	26-30/9/16	EnvETD
		Mesuarat Agong International Electrotechnical Commission (IEC General Meeting) Ke-80	Dato' Ir. Ali Askar bin Sher Mohamed Ir. Loo Chee Kin	0/1 0/1	10-14/10/16	EETD PPC (FAB)



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		International Meeting - ISO/Project Committee 283 on Occupational Safety and Health Management System Standard	Ir. Hussein bin Rahmat	1/1.	30/10 - 4/11/16	EnvETD
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Forum on Internet of Things in Smart Sustainable Cities: A New Age of Smarter Living	<i>No representative</i>	0/1	18/1/16	Excomm
		Jemputan ke Sesi Konsultasi "Strategic Plan" 2016-2020 dan "Business Plan" 2016	Dato' Ir. Lim Chow Hock Dato' Ir. Ali Askar bin Sher Mohamed	0/1 0/1	3/2/16	Excomm Excomm
		Bengkel Kajian Jurang Akta Bil. 1/2016	Dato' Ir. Lim Chow Hock	1/1.	3/2/16	Excomm
		Majlis Penyampaian Amanat YB Menteri Sains Teknologi dan Inovasi	Dato' Ir. Lim Chow Hock	1/1.	9/3/16	Excomm
		Majlis Makan Malam & Beramah Mesra Ahli MSDAM	Dato' Ir. Lim Chow Hock (alt.)	1/1.	18/5/16	Excomm
		World Smart City Forum	Ir. Lim Kim Ten	0/1	13/7/16	EETD
		Jemputan untuk Menghadiri National Consultation on Draft MS for Vegetative Propagated Turfgrass Planting Materials - Specification	<i>No representative</i>	0/1	16/8/16	Excomm
		Jemputan ke Majlis Perasmian Program Kesedaran Standard 2016 di Mydin Melaka Mall	Ir. Lim Kim Ten	0/1	28/8/16	EETD
		Jemputan untuk Menghadiri Seminar MS 2603: 2015 Bahan Tanaman Lanskap - Pokok - Spesifikasi	<i>No representative</i>	0/1	8/9/16	Excomm
		IEC Young Professionals Workshop 2016	Mr. Low Pek Jun	1/1.	10-12/10/16	EETD
		Construction Industry Safety Run	<i>No representative</i>	0/1	22/10/16	Excomm
<b>19</b>	<b>Dewan Bandaraya Kuala Lumpur (DBKL)</b>					
	Dialogue / Meetings:	Sesi Perbincangan Teknikal Bersama Badan Profesional, Agensi dan Jabatan Berhubung Cadangan Garis Panduan Baru Bagi Kerja-Kerja Ubahsuai Tambahan dan Perubahan untuk Rumah Teres / Berangkai 2 dan 3 Tingkat yang Sedia Ada Jenis Lot Biasa (Standard Lot) di Wilayah Persekutuan Kuala Lumpur	Ir. Siow Yun Jun	1/1.	23/6/16	CSETD
		Sesi Kedua Perbincangan Teknikal Bersama Badan Professional Agensi & Jabatan-Jabatan Cadangan Garis Panduan Baru bagi Kerja-Kerja Ubahsuai Tambahan & Perubahan untuk Rumah Teres / Bertingkat 1, 2 & 3 Tingkat yang Sedia Ada Jenis Lot Biasa (Standard Lot) di WPKL	Ir. Siow Yun Jun	1/1.	27/7/16	CSETD
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan Sebagai Peserta Bengkel "Kuala Lumpur Low Carbon Society Blueprint 2030"	Ir. Dr Aidil Chee Tahir Mr. Mok Zhen Yick, Grad. IEM	1/1. 1/1.	22/8/16	METD METD
		Jemputan Ke Sesi Mendengar Pandangan Awam bagi Cadangan Garis Panduan Baru Ubahsuai Rumah Kediaman	<i>No representative</i>	0/1	24/10/16	CSETD
		Semakan dan Kajian Semula Garis Panduan Penggunaan Bahan Berkaca pada Fasad Bangunan di Wilayah Persekutuan Kuala Lumpur - Sesi Perbincangan Teknikal Bersama Badan Profesional, Agensi dan Jabatan	<i>No representative</i>	0/1	9/11/16	CSETD
<b>20</b>	<b>Eastern Regional Organization for Planning and Human Settlements (EAROPH)</b>					
	Dialogue / Meetings:	EAROPH International Secretariat Meeting 2016	<i>No representative</i>	0/1	21/11/16	Excomm
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	The 25th EAROPH (Eastern Regional Organisation for planning and Human Settlements) World Congress on the Topic "Our Urban Futures - Resilient and Sustainable"	<i>No representative</i>	0/1	9-11/8/16	IEM Sabah Branch



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee					
21	Economic Planning Unit (EPU), Prime Minister's Department	Dialogue / Meetings:									
		Jawatankuasa Pemandu Pelaksanaan Preliminary Study on Demand Side Management (DSM) Bil. 2/2016	Dato' Lt. Gen. @ Ir. Ismail bin Samion Ir. Gunasagaran Kristnan Ir. Wong Chee Fui	0/1 0/1 1/1.	1/8/16	PPC PPC -					
		Jawatankuasa Pemandu Pelaksanaan Preliminary Study on Demand Side Management (DSM) Bil. 3/2016	Dato' Lt. Gen. @ Ir. Ismail bin Samion Ir. Gunasagaran Kristnan Ir. Wong Chee Fui	0/1 0/1 1/1.	7/12/16	PPC PPC -					
		Jawatankuasa Teknikal Pelaksanaan "Preliminary Study on Demand Side Management (DSM)" No. 1/2016	Dato' Lt. Gen. @ Ir. Ismail bin Samion Ir. Gunasagaran Kristnan	0/1 0/1	31/5/16	PPC PPC					
		Jawatankuasa Teknikal Pelaksanaan "Preliminary Study on Demand Side Management (DSM)" No. 2/2016	Dato' Lt. Gen. @ Ir. Ismail bin Samion Ir. Gunasagaran Kristnan	0/1 1/1.	25/7/16	PPC PPC					
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Sesi Bengkel Bagi Kajian Penyediaan Malaysia Productivity Blueprint (MPB), Unit Perancang Ekonomi, Jabatan Perdana Menteri	Ir. Elias bin Saidin	1/1.	27/4/16	PPC				
		WG - Demand Side Management (DSM) - Workshop on Thermal and Transportation	Dato' Lt. Gen. @ Ir. Ismail bin Samion Ir. Gunasagaran Kristnan	0/1 0/1	30/6/16	PPC PPC					
		Bengkel Ke-3 Kumpulan Kerja Preliminary Study on Demand Side Management (DSM)	Ir. Francis Xavier Jacob Ir. Yau Chau Fong Ir. Dr Tan Chee Fai Ir. Luk Chau Beng Ir. Fam Yew Hin Ir. Puvanesan s/o Mariappan	1/1. 1/1. 1/1. 1/1. 1/1. 0/1	16/8/16	EETD EETD CA METD METD METD					
		Bengkel Ke-4 Kumpulan Kerja Pelaksanaan Preliminary Study on Demand Side Management (DSM)	Ir. Syed Nequib bin Syed Mohamed Ir. Francis Xavier Jacob Ir. Yau Chau Fong Ir. Dr Tan Chee Fai Ir. Luk Chau Beng Ir. Fam Yew Hin Ir. Puvanesan s/o Mariappan	0/1 0/1 0/1 0/1 0/1 0/1	19/9/16	METD EETD EETD CA METD METD METD					
		Jemputan ke Forum Bersama Pengerusi Jawatankuasa Pembangunan Standard (Standards Development Committee - SDC)	En. Abdul Fattah bin Mohamed Yatim, MIEM	1/1.	8/11/16	ICTSIG					
		22	Embassy of the Islamic Republic of Iran	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	National Day of the Islamic Republic of Iran	Ir. Mohd. Khir bin Muhammad Ir. Prof. Dr Ruslan bin Hassan Ir. Elias bin Saidin	1/1. 1/1. 1/1.	11/2/16	Excomm Excomm Excomm		
				23	EU-Malaysia Chambr of Commerce and Industry (EUMCCI)	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Construction and Virtual Design Technical Seminar in conjunction with the International Construction Week/ Ecobuild 2016	Ir. Gunasagaran Kristnan	1/1.	13/4/16	CA



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		EU-Malaysia Trade & Investment Forum 2016: Outlook on Eu-Malaysia 2020-Trade & investment Opportunities and Challenges	<i>No representative</i>	0/1	20/4/16	CA / Business Club
		Business-Matching with EU-SME Service Providers in the Construction Industry	Ir. Elias bin Saidin Ir. Mah Way Sheng	1/1. 1/1.	7/9/16	Welfare & Service Matters Welfare & Service Matters
24	<b>Energy Institute Malaysia</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation to the Opening Ceremony of EIM Workshop on Biogas and Syngas Energy Generation in Malaysia	Ir. Yau Chau Fong	1/1.	21/4/16	Activities
25	<b>FIABCI-Malaysia</b>					
	Dialogue / Meetings:	Invitation as Panel Jury Member – Malaysia Property Award 2016	Ir. Yam Teong Sian	1/1.	6/8/16	Excomm
26	<b>Gabungan Persatuan-Persatuan Pengguna Malaysia / Federation of Malaysian Consumer Association (FOMCA)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Conference on "Future of Energy: Consumer Perspective"	Ir. Yau Chau Fong	1/1.	18/8/16	EETD
27	<b>Herriott-Watt University Malaysia</b>					
	Dialogue / Meetings:	Invitation to Industry Engagement Session	Ir. Lee Boon Chong	1/1.	20/4/16	E&Q
28	<b>Institute of Landscape Architects Malaysia (ILAM)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan Sebagai Tetamu Khas di Majlis Makan Malam "Malaysia Landscape Architecture Awards (MLAA) 2015"	Ir. Gopal Narian Kutty	1/1.	9/4/16	Excomm
29	<b>IEEE ComSoc</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	IEEE International Conference on Communications	Ir. Gan Tian Eng Dr Go Yu Li, Grad. IEM	1/1. 1/1.	24/5/16	EETD EETD
30	<b>International Science, Technology &amp; Innovation Centre for South-South Cooperation (ISTIC)</b>					
	Dialogue / Meetings:	Meeting on the "Training Workshop on Maintenance of Infrastructure" (25-28/7/2016) No. 1/2016	Ir. Yim Hon Wa Ir. Dr Tan Chee Fai Ir. Wong Chee Fui	1/1. 1/1. 1/1.	14/3/16	CA CA -
		Meeting on the "Training Workshop on Maintenance of Infrastructure" (25-28/7/2016) No. 2/2016	Ir. Yim Hon Wa Ir. Dr Tan Chee Fai Ir. Wong Chee Fui	1/1. 1/1. 1/1.	31/5/16	CA CA -
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Opening Ceremony of the ISTIC/MSPC: Training Workshop on Maintenance of Infrastructure	Ir. Tan Yean Chin	1/1.	25/7/16	Excomm
		ISTIC/MSPC: Training Workshop on Maintenance of Infrastructure	Ir. Yam Teong Sian Ir. Yim Hon Wa Ir. Dr Tan Chee Fai Ir. Wong Chee Fui	1/1. 1/1. 1/1. 1/1.	25-28/7/16	Excomm CA CA -
		Summing Up - Roundtable Discussion of the ISTIC/MSPC: Training Workshop on Maintenance of Infrastructure (Chair by Ir. Choo Kok Beng)	Ir. Tan Yean Chin	1/1.	28/7/16	Excomm



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee	
31	Institute of Marine Engineering, Science & Technology (IMarEST)  Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	29th Annual Dinner IMarEST	Ir. David Lai Kong Phooi	1/1.	15/10/16	Excomm	
			Ir. Yam Teong Sian	1/1.		Excomm	
			Ir. P.E. Chong	1/1.		Excomm	
			Ir. Nik Mohd Hasmizie	1/1.		Excomm	
			Bin Nik Mohd Kamil				
			Rear Admiral Dato' Pahlawan Ir. Hj. Jasan Ahpandi Sulaiman (Rtd)	1/1.		Excomm	
			Ir. Roznan Abdul Rashid	1/1.		Excomm	
32	Jabatan Bomba & Penyelamat Malaysia (Putrajaya) / Fire and Rescue Department Malaysia  Dialogue / Meetings:	Mesyuarat Penyelarasan Arahan Keselamatan Kebakaran Bil. 1/2016 - Garis Panduan Penggunaan Sistem Jet Fan	Ir. Tan Chew	1/1.	18/1/16	PPC (FAB)	
			Ir. Thin Choon Chai	1/1.		PPC (FAB)	
			Ir. Yim Hon Wa	1/1.		PPC (FAB)	
		Mesyuarat Penyelarasan Arahan Keselamatan Kebakaran Bil. 1/2016 - Garis Panduan Penggunaan Sistem Jet Fan Sebagai Pepasangan Keselamatan Kebakaran untuk Kawalan Asap di Ruang Letak Kereta	Ir. Tan Chew	1/1.	4/3/16	PPC (FAB)	
			Ir. Thin Choon Chai	1/1.		PPC (FAB)	
			Ir. Yim Hon Wa	1/1.		PPC (FAB)	
		Majlis Perundangan JBPM dan Badan Profesional (Teknikal Khas)	Ir. Thin Choon Chai	1/1.	20/12/16	PPC (FAB)	
			Ir. Tan Chew	1/1.		PPC (FAB)	
			Ir. Yim Hon Wa	1/1.		PPC (FAB)	
			Ir. Cha Hoong Kum	1/1.		PPC (FAB)	
			Ir. Yeoh Jit Shiong	1/1.		PPC (FAB)	
		Mesyuarat Bersama Jabatan Bomba & Penyelamat Malaysia Kuala Lumpur dengan Pihak Profesional	Ir. Loo Chee Kin	1/1.	28/4/16	PPC (FAB)	
			Ir. Thin Choon Chai	1/1.		PPC (FAB)	
			Ir. Leong Siew Meng	1/1.		PPC (FAB)	
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan ke Majlis Perbarisan Tahunan & Penyerahan Kenderaan & Peralatan Kebombaahan Tahun 2016	Ir. Cha Hoong Kum	1/1.	19/1/16	FAB / BSTD
Ir. Gary Lim Eng Hwa	1/1.			FAB / BSTD			
Ir. Yim Hon Wa	1/1.			FAB / CESIG			
	Jemputan Ke Majlis Perasmian Sambutan Hari Anggota Bomba Sedunia 2016	<i>No representative</i>		0/1	10/5/16	IEM Southern Branch	
		Ir. Thin Choon Chai	0/1	2/8/16		PPC (FAB)	
		Ir. Yeoh Jit Shiong	1/1.			PPC (FAB)	
33	Jabatan Kerja Raya (JKR) Malaysia  Dialogue / Meetings:	Kajian Semula Pelan Induk Cerun Negara (PICN) - Mesyuarat Penyelarasan Pelaksanaan Kajian Semula PICN Bersama Pihak Berkepentingan bagi Pengurusan Cerun di Semenanjung Malaysia	<i>No representative</i>		0/1	21/6/16	Activities





No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		Mesyuarat Penyelaras Ahli Jawatankuasa antara Agensi Kerjaan bagi Pengurusan erun (ICSM) Kali Ke-7 [Pelaksanaan Kajian Pelan Induk Cerun Negara (PICN)]	No representative	0/1	9-10/11/16	Activities
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Seminar on Geotechnical Earthquake Engineering in Malaysia	No representative	0/1	1-3/03/16	TC on Earthquake
		Jemputan Menyertai Seminar / Peserta Pameran Sempena Program Keselamatan & Kesihatan JKR Malaysia - JKR OSH Day 2016	No representative	0/1	4/5 - 4/6/16	METD
		Jemputan menghadiri Seminar JKR BIM & Asset Day 2016	No representative	0/1	19/5/16	PPC
		Seminar Penyelidikan dan Pembagunan (R&D) Anjuran Bersama Cawangan Kejuruteraan Cerun (CKC) JKR dan Universiti Teknologi Malaysia (UTM) - Kajian Semula Pelan Induk Cerun Negara (PICN)	Ir. Yee Thien Seng	1/1.	19/7/16	GETD
		Seminar on "Slope/Landslides Management & Earthquake Engineering"	Ir. Yee Thien Seng	1/1.	1-2/8/16	GETD
		Jemputan Ke Bengkel Adendum Spesifikasi Konkrit JKR	Ms. Wong Ai Ming, Inc.M Mr. Yeo Shih Horng, Grad. IEM	1/1. 1/1.	26/10/16	CSETD CSETD
<b>34</b>	<b>Jabatan Meteorologi Malaysia JMM/(MET Malaysia)</b>					
	Dialogue / Meetings:	Mesyuarat Jawatankuasa Antara Agensi mengenai Pengurusan Risiko Gempa Bumi dan Tsunami Kali Ke-34	Ir. Mun Kwai Peng Ir. Dr Ooi Heong Beng	0/1 1/1.	12/5/16	TC on Earthquake TC on Earthquake
		Mesyuarat Jawatankuasa Antara Agensi mengenai Pengurusan Risiko Gempa Bumi dan Tsunami Kali Ke-35	Ir. Mun Kwai Peng Ir. Dr Ooi Heong Beng	1/1. 0/1	20/12/16	TC on Earthquake TC on Earthquake
		Mesyuarat Jawatankuasa Kecil Penyelaras Penyelidikan Gempa Bumi & Tsunami Kali Ke-19	Ir. Mun Kwai Peng Ir. Dr Ooi Heong Beng	1/1. 0/1	12/1/16	TC on Earthquake TC on Earthquake
		Mesyuarat Jawatankuasa Kecil Penyelaras Penyelidikan Gempa Bumi & Tsunami Kali Ke-20	Ir. Mun Kwai Peng Ir. Dr Ooi Heong Beng	0/1 0/1	10/8/16	TC on Earthquake TC on Earthquake
<b>35</b>	<b>Kementerian Kewangan Malaysia / Ministry of Finance (MoF)</b>					
	Dialogue / Meetings:	Majlis Konsultasi Bajet 2017	Ir. Wong Chee Fui	1/1.	16/6/16	-
<b>36</b>	<b>Kementerian Tenaga, Teknologi Hijau &amp; Air Malaysia (KeTTHA) / Ministry of Energy, Green Technology &amp; Water, Malaysia</b>					
	Dialogue / Meetings:	Jemputan Sebagai Ahli Jawatankuasa Persidangan & Pameran Ke-7 IWA-ASPIRE (11-13 September 2017)	Dato' Ir. Hj. Hanapi bin Mohamad Noor Dato' Ir. Mohd Azmi bin Ismail (alt)	0/1 1/1.	4/8/16	WRTD WRTD
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan Menghadiri 9th International Exhibition on Trenchless Technology	No representative	0/1	9-10/5/16	TUSTD



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
37	Kementerian Perumahan & Kerajaan Tempatan (KPKT)	Dialogue / Meetings: Mesyuarat Jawatankuasa Kerja Bagi Program Semakan Semula Undang-Undang Kecil Bangunan Seragam (UKBS 1984) Bagi WG Spesifikasi "Performance Based" Bil. 1/2016	Ir. Tan Chew	1/1.	20/4/16	PPC (FAB)
			Ir. Yim Hon Wa ( <i>main</i> )	0/1		PPC (FAB)
			Ir. Gunasagaran Kristnan ( <i>alt</i> )	0/1	PPC (FAB)	
		Mesyuarat Jawatankuasa Kerja Bagi Program Semakan Semula Undang-Undang Kecil Bangunan Seragam (UKBS 1984) Bagi WG Spesifikasi "Performance Based" Bil. 2/2016	Ir. Yim Hon Wa ( <i>main</i> )	0/1	27/6/16	PPC (FAB)
		Ir. Gunasagaran Kristnan ( <i>alt</i> )	0/1	PPC (FAB)		
38	Kementerian Sumber Asli & Alam Sekitar (NRE)					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan Ke Majlis Perhimpunan 1NRE Bersama YB Menteri @ Majlis Sambutan Hari Raya	Datuk Ir. Rosaline Ganendra	1/1.	25/7/16	CA
39	Kuala Lumpur Engineering Science Fair (KLESF)					
	Dialogue / Meetings:	The 20th Steering Committee Meeting on KLESF	Ir. Tan Yean Chin Ir. Choo Kok Beng Ir. Wong Chee Fui	0/1 1/1. 1/1.	11/4/16	Excomm Excomm -
		The 21st Steering Committee Meeting on KLESF	Ir. Dr Norlida binti Buniyamin Ir. Choo Kok Beng Ir. Wong Chee Fui	1/1. 1/1. 1/1.		18/7/16
		The 22nd Steering Committee Meeting on KLESF	Ir. Dr Norlida binti Buniyamin Ir. Choo Kok Beng Ir. Wong Chee Fui	0/1 1/1. 1/1.	2/9/16	Excomm Excomm -
		The 23rd Steering Committee Meeting on KLESF	Ir. Dr Norlida binti Buniyamin Ir. Choo Kok Beng Ir. Wong Chee Fui	0/1 1/1. 1/1.	19/12/16	Excomm Excomm -
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	KLESF: The Fair	<i>No representatives</i>	0/1	4-6/11/16	Excomm
		Opening Ceremony of KLESF: The Fair 2016	Ir. Tan Yean Chin Ir. David Lai Kong Phooi Ir. Choo Kok Beng	1/1. 1/1. 1/1.	4/11/16	Excomm Excomm Excomm
40	Lembaga Perindustrian Kayu Malaysia / Malaysian Timber Industry Board (MTIB)					
	Dialogue / Meetings:	Bengkel Jawatankuasa Teknikal bagi Kayu, Produk Kayu dan Struktur Kayu	Ir. Mohd. Zamin bin Jumaat Ir. Yasotha Ramachandran Chetty	0/1 0/1	25-26/5/16	CSETD CSETD
		Meeting on Timber Structure (ISO/TC 165) #3/2016	Ir. Mohd. Zamin bin Jumaat Ir. Yasotha Ramachandran Chetty	0/1 0/1		19/7/16
		Meeting on Timber Structure (ISO/TC 165) #3/2016	Ir. Mohd. Zamin bin Jumaat Ir. Yasotha Ramachandran Chetty	0/1 0/1	28/8/16	CSETD CSETD
		Meeting on Timber Structure (ISO/TC 165) #4/2016	Ir. Mohd. Zamin bin Jumaat Ir. Yasotha Ramachandran Chetty	0/1 0/1	12/10/16	CSETD CSETD



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		Konsultasi Bersama Industri (Ulasan Umum) Ke Atas 'Final Draft Malaysian Standard (FDMS) - Test Methods for Natural Fibre Plastic Composite (NFPC) Part 2: Decking Profiles and Tiles Meeting	Ir. Mohd. Zamin bin Jumaat Ir. Yasotha Ramachandran Chetty	0/1 0/1	6/10/16	CSETD CSETD
	Conferences/Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan bagi Seminar on MS 2619: 2015, Timber Flooring - Board and Strip, Laminate Flooring - Specification	<i>No representative</i>	0/1	10/8/16	IEM Southern Branch
		Global Timber Conference 2016	<i>No representative</i>	0/1	19-21/9/16	CSETD
<b>41</b>	<b>Lembaga Teknologis Malaysia (MBOT)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Majlis Pelancaran Lembaga Teknologis Malaysia	Ir. Yam Teong Sian Ir. Lee Boon Chong Ir. Roznan bin Abdul Rashid Ir. Hj. Mohd Radzi bin Salleh Ir. Choo Kok Beng Ir. Wong Chee Fui	1/1. 1/1. 1/1. 1/1. 1/1. 1/1.	17/11/16	Excomm E&Q PPC PPC Excomm -
<b>42</b>	<b>Majlis Bandaraya Melaka Bersejarah (MBMB)</b>					
	Dialogue / Meetings:	Mesyuarat Jawatankuasa Perkhidmatan dan Keindahan Bandaraya Teknologi Hijau (Bil. 1/2016)	Ir. Dr Tan Chee Fai	1/1.	28/1/16	IEM Melaka Branch
		Mesyuarat Jawatankuasa Perkhidmatan dan Keindahan Bandaraya Teknologi Hijau (Bil. 2/2016)	Ir. Dr Tan Chee Fai	1/1.	23/2/16	IEM Melaka Branch
		Mesyuarat Jawatankuasa Perkhidmatan dan Keindahan Bandaraya Teknologi Hijau (Bil. 3/2016)	Ir. Dr Tan Chee Fai	1/1.	26/4/16	IEM Melaka Branch
		Mesyuarat Jawatankuasa Perkhidmatan dan Keindahan Bandaraya Teknologi Hijau (Bil. 4/2016)	Ir. Dr Tan Chee Fai	1/1.	21/7/16	IEM Melaka Branch
		Mesyuarat Jawatankuasa Perkhidmatan dan Keindahan Bandaraya Teknologi Hijau (Bil. 5/2016)	Ir. Dr Tan Chee Fai	0/1	24/8/16	IEM Melaka Branch
		Mesyuarat Jawatankuasa Perkhidmatan dan Keindahan Bandaraya Teknologi Hijau (Bil. 6/2016)	Ir. Dr Tan Chee Fai	0/1	23/9/16	IEM Melaka Branch
		Mesyuarat Jawatankuasa Perkhidmatan dan Keindahan Bandaraya Teknologi Hijau (Bil. 7/2016)	Ir. Dr Tan Chee Fai	0/1	13/12/16	IEM Melaka Branch
		Mesyuarat Jawatankuasa Perkhidmatan dan Keindahan Bandaraya Teknologi Hijau (Bil. 8/2016)	Ir. Dr Tan Chee Fai	0/1	23/9/16	IEM Melaka Branch
		Mesyuarat Jawatankuasa Perkhidmatan dan Keindahan Bandaraya Teknologi Hijau (Bil. 9/2016)	Ir. Dr Tan Chee Fai	0/1	23/9/16	IEM Melaka Branch
<b>43</b>	<b>Majlis Bandaraya Petaling Jaya (MBPJ)</b>					
	Dialogue / Meetings:	Mesyuarat Jawatankuasa Perancangan Bandar #1, 2016/2017	Ir. Gunasagaran Kristnan	1/1.	22/2/16	PPC/ HTETD
		Mesyuarat Jawatankuasa Perancangan Bandar #2, 2016/2017	Ir. Gunasagaran Kristnan	1/1.	21/3/16	PPC/ HTETD
		Mesyuarat Jawatankuasa Perancangan Bandar #3, 2016/2017	Ir. Gunasagaran Kristnan	1/1.	18/4/16	PPC/ HTETD
		Mesyuarat Jawatankuasa Perancangan Bandar #4, 2016/2017	Ir. Gunasagaran Kristnan	1/1.	16/5/16	PPC/ HTETD
		Mesyuarat Jawatankuasa Perancangan Bandar #5, 2016/2017	Ir. Gunasagaran Kristnan	1/1.	17/6/16	PPC/ HTETD



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		Mesyuarat Jawatankuasa Perancangan Bandar #6, 2016/2017	Ir. Gunasagaran Kristnan Ir. Elias bin Saidin	0/1 1/1.	18/7/16	PPC/ HTETD CA
		Mesyuarat Jawatankuasa Perancangan Bandar #7, 2016/2017	Ir. Elias bin Saidin	1/1.	19/8/16	CA
		Mesyuarat Jawatankuasa Perancangan Bandar #8, 2016/2017	Ir. Elias bin Saidin	1/1.	21/9/16	CA
		Mesyuarat Jawatankuasa Perancangan Bandar #9, 2016/2017	Ir. Elias bin Saidin	1/1.	14/10/16	CA
		Mesyuarat Jawatankuasa Perancangan Bandar #10, 2016/2017	Ir. Elias bin Saidin	1/1.	21/11/16	CA
		Mesyuarat Jawatankuasa Perancangan Bandar #11, 2016/2017	Ir. Elias bin Saidin	1/1.	15/12/16	CA
		Mesyuarat Jawatankuasa Teknikal Kajian Pengangkutan dan Lalulintas di Petaling Jaya (Bil. 1/2016)	Ir. Chin Kar Keong	1/1.	2/3/16	HTETD
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Dialog Pelan Induk Pengangkutan Awam Negeri Selangor Bersama Wakil Rakyat & Persatuan Bukan Kerajaan (NGO) di Kawasan Pihak Berkuasa Tempatan (PBT) Peringkat MBPJ	Ir. Gunasagaran Kristnan Hj. Mohd. Azahar bin Awang Ms. Kanthima Nuin	1/1. 1/1. 1/1.	28/1/16	HTETD HTETD HTETD
		Jemputan Menghadiri Bengkel Penyediaan Garis panduan Rekabentuk Bandar Selamat "Crime Prevention through Environmental Design (CPTED)"	Ir. Yam Teong Sian	1/1.	30/3/16	Excomm
		Majlis Penyampaian Anugerah "Universal Design Award (UD Award) 2016"	Ir. Siow Yun Tong Ir. Dr Ng Soon Ching Ir. Elias bin Saidin	0/1 0/1 1/1.	6/12/16	CSETD CSETD CA
		Majlis Penganugerahan "Sustainable Community Award" Petaling Jaya 2016 dan Pelancaran PJKITA	<i>No representative</i>	0/1	30/12/16	Excomm
<b>44</b>	<b>Majlis Perbandaran Alor Gajah (MPAG)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Permohonan Mengadakan Kerjasama bagi Penganjuran Program "Urban Environmental Accords (UEA) Melaka Summit 2017"	Ir. Dr Tan Chee Fai	1/1.	7-9/9/17	IEM Melaka Branch
<b>45</b>	<b>Malaysia External Trade Development Corporation (MATRADE)</b>					
	Dialogue / Meetings:	48th NAPSEC Meeting (No. 1/2016)	Ir. Ong Ching Loon	1/1.	29/2/16	CA
		49th NAPSEC Meeting (No. 2/2016)	Ir. Ong Ching Loon	1/1.	14/12/16	CA
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Trade Talk on Women Defining Success	<i>No representative</i>	0/1	15/3/16	WE, YES, CA, Website
		Invitation Services Export Forum and Launching of Malaysian Incorporated Services Berhad (Malaysian Inc)	Ir. Yam Teong Sian Ir. Elias bin Saidin	1/1. 1/1.	21/4/16	Excomm Welfare & Service Matters
		Trade Talk @ MATRADE: Business Opportunities in Latin America	<i>No representative</i>	0/1	26/4/16	CA
		Business Opportunity Forum with Morocco	<i>No representative</i>	0/1	17/10/16	CA/ IEM Business Clun
<b>46</b>	<b>Malaysia Green Building Confederation (MGBC)</b>					
	Dialogue / Meetings:	Constitution Review Committee Meeting	Ir. Roger Wong Chin Weng	1/1.	13/1/16	PPC / EETD



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		Constitution Review Committee Meeting	Ir. Roger Wong Chin Weng	1/2.	3/2/16	PPC / EETD
		3rd Extraordinary General Meeting (EGM) of MGBC (#1/2016)	Ir. Prof. Dr Jeffrey Chiang Choong Luin Ir. Yam Teong Sian	1/1. 1/1.	3/9/16	Activities Excomm
		3rd Extraordinary General Meeting (EGM) of MGBC (#2/2016)	Ir. Yam Teong Sian	2/2.	13/10/16	Excomm
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	International Urban Sustainability & Green Building Conference (IUS GBC 2016) "Better Place for People"	Ir. Yeoh Jit Shiong Ir. Assoc. Prof. Dr Kannan a/l M. Munisamy Ir. Syed Nequib bin Syed Mohamed	1/1. 1/1. 1/1.	4-5/3/16	METD METD METD
		AGM and EGM of MGBC 2016	Ir. Gunasagaran Kristnan Ir. Wong Chee Fui	1/1. 1/1.	9/4/16	PPC -
		3rd Annual Dinner & Awards Night 2016	Ir. David Lai Kong Phooi Ir. Yam Teong Sian Ir. Assoc. Prof. Dr Norlida binti Buniyamin Ir. Yap Soon Hoe Ir. Ellias bin Saidin Ir. Dr Tan Chee Fai Ir. P.E. Chong Ir. Gunasagaran Kristnan Ir. Roger Wong Chin Weng Ir. Yong Kee Chiang	1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1. 1/1.	4/11/16	Excomm Excomm Excomm Excomm Excomm Excomm Excomm CA CA
		New Tax Incentives for Green Buildings	Ir. Santha Kumaran a/l Erusan @ Krishnan	1/1.	15/12/16	EnvETD
<b>47</b>	<b>Malaysia Productivity Corporation (MPC)</b>					
	Dialogue / Meetings:	Focus Group on Dealing with Construction Permits (FGDCP)	Ir. Yim Hon Wa Ir. Yam Teong Sian	1/1. 1/1.	16/2/16	PPC Excomm
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan ke Bengkel Kesan Peraturan Strata kepada Permit	Ir. Yim Hon Wa	1/1.	29/6/16	PPC
		Majlis Apresiasi & Aidilfitri MPC 2016	Ir. Yim Hon Wa	1/1.	29/7/16	PPC
		Jemputan Menghadiri Sesi Seminar Amalan Terbaik: Perkongsian Strategik Ke Arah Memacu Inovasi dan Produktiviti (FOC)	En. Nor Azilan bin Jaafar, Grad. IEM	1/1.	13/10/16	METD
<b>48</b>	<b>Malaysian Air-Conditioning &amp; Refrigeration Association (MACRA)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Chinese New Year Open House 2016	Ir. Wong Chee Fui	1/1.	22/2/16	-
		MACRA 16th Anniversary & Building Fund Raising Dinner	Ir. Ong Ching Loon	1/1.	16/12/16	Excomm
<b>49</b>	<b>Malaysian Gas Association (MGA)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	7th National Energy Forum on "Energy Transformation in Malaysia – Towards a Sustainable Equilibrium"	Ir. Chong Chew Fan Ir. Santha Kumaran a/l Erusan @ Krishnan Ir. Dr Aidil Chee Tahir	1/1. 1/1. 1/1.	8/9/16	EETD EnvETD METD
<b>50</b>	<b>Malaysian-German Chamber of Commerce (MGCC)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Technical Seminar on Construction and Virtual Design	Ir. Gunasagaran Kristnan	1/1.	13/4/16	CA



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee	
51	<b>Malaysian Green Technology Corporation (MGTC)</b>						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation to Clinic Sesion for MyHijau Mark Registration	Ir. Leong Wai Yie Ir. Fam Yew Hin Ir. Tejinder Singh	1/1. 1/1. 1/1.	7/9/16	WE METD EETD
52	<b>Malaysian Industry-Government Group for High Technology (MiGHT)</b>	Dialogue / Meetings:	Mesyuarat Majlis Kepimpinan Sustainable Development Solutions Network (SDSN) Malaysia Chapter #1/2016	<i>No representative</i>	0/1	8/8/16	Excomm
			Mesyuarat Majlis Kepimpinan Sustainable Development Solutions Network (SDSN) Malaysia Chapter #2/2016	Ir. Yam Teong Sian	1/1.	8/12/16	Excomm
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Public Symposium - Road to 2030: Global and National Perspectives on Implementation of the Sustainable Development Goals (SDGS)	<i>No representative</i>	0/1	29/2/16	Excomm
			Opening Ceremony of Kuala Lumpur Engineering Science Fair - Mobile Workshop (KLESF)	Ir. Choo Kok Beng	1/1.	2/4/16	Excomm
			Sambutan Rumah Terbuka Hari Raya Aidilfitri 2016	<i>No representative</i>	0/1	2/8/16	Excomm
			Workshop on Malaysian Code of Responsible Conduct in Research (MCRCR)	Ir. Abdul Azim bin Abdul Rahman	1/1.	23/8/16	METD
			Pre-launching of the Jeffrey Sachs Centre on Sustainability Development & The Launching of the Rising to the Challenge Vol. 1 by the Honourable Prime Minister	Ir. Yam Teong Sian Ir. Wong Chee Fui	1/1. 1/1.		Excomm -
			The Inaugural Conference and Launching of the Jeffrey Sachs Centre on Sustainability Development & The Launching of the Rising to the Challenge Vol. 2 by the Honourable Prime Minister	Ir. Yam Teong Sian Ir. Wong Chee Fui	1/1. 1/1.	9/12/16	Excomm -
53	<b>Malaysian Investment Development Authority (MIDA)</b>	Dialogue / Meetings:	Meeting on Duty Waiver on Imported Steel and Machinery from China	Ir. Gunasagaran Kristnan	1/1.	27/12/16	PPC
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Annual Media Conference on Malaysia Investment Performance 2015	Ir. Ong Ching Loon	1/1.	29/2/16	CA
			Invitation to the World Halal Conference 2016	<i>No representative</i>	0/1	30-31/3/16	Excomm
			Memorandum of Understanding (MoU) Signing Ceremony Between MIDA and CIDB and Networking Session	Ir. Ong Ching Loon	1/1.	5/8/16 3.00pm - 4.30pm	CA
54	<b>Malaysian Medical Association (MMA) / Persatuan Perubatan Malaysia</b>						
		Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Annual Banquet 2016	Ir. Paul Chiew	1/1.	27/5/16	IEM Miri Branch
55	<b>Malaysian Plastics Manufacturers Association (MPMA)</b>						
		Dialogue / Meetings:	Industry Standards Committee on Plastics and Plastics Products (ISC J) Meeting #2/2016	En. Nor Azilan bin Jaafar, Grad. IEM ( <i>main</i> ) Ir. Dr Tan Chee Fai ( <i>alt</i> )	1/1. 0/1	30/11/16	METD METD
56	<b>Malaysian Service Providers Confederation (MSPC)</b>						
		Dialogue / Meetings:	7th Annual General Meeting (AGM) of MSPC	Ir. Choo Kok Beng Ir. Ellias bin Saidin	1/1. 1/1.	19/7/16	CA CA





No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		Extraordinary General Meeting (EGM) of MSPC	Ir. Choo Kok Beng Ir. Yam Teong Sian Ir. Wong Chee Fui	1/1. 1/1. 1/1.	20/9/16	CA Excomm -
<b>57</b>	<b>Malaysian Steam &amp; Internal Combustion Engine Engineer Association (MSIEA)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	1st Malaysian Steam and Internal Combustion Engine Engineer Association East Boiler Seminar 2016: Invitation as VIP	Ir. Dr Kannan M. Munisamy	1/1.	27/7/16	METD
<b>58</b>	<b>Master Builders Association Malaysia (MBAM)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	MBAM Fellowship (No. 1/2016)	Ir. Yam Teong Sian	1/1.	22/1/16	Excomm
		MBAM Fellowship #5/2016: Technical Product Briefing	<i>No representative</i>	0/1	30/9/16	Excomm
		MBAM Fellowship #6/2016	<i>No representative</i>	0/1	21/10/16	Excomm
		7th Malaysian Construction Summit 2016: Increasing Productivity through Technology & Processes (Opening Ceremony & Summit)	Dato' Ir. Lim Chow Hock Ir. Gopal Narian Kutty	1/1. 1/1.	11/4/16	Excomm Excomm
		62nd MBAM Anniversary Dinner Celebration	Ir. David Lai Kong Phooi	1/1.	27/5/16	Excomm
<b>59</b>	<b>Ministry of Agriculture and Agro Based Industry Malaysia</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Opening Ceremony of the 33rd Food and Agriculture Organization of the United Nations Regional Conference for Asia and the Pacific	Dato' Ir. Lim Chow Hock	1/1.	10/3/16	Excomm
<b>60</b>	<b>Monash University Malaysia</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Kajian "Knowledge Content in Key Economic Sectors in Malaysia" Fasa III (MyKE III) - Sesi Perkongsian Dapatan Awal Bersama Kementerian/ Agensi & Industri (Sub-sector on 'Machinery and Instruments')	Ir. Assoc. Prof. Dr Kannan a/ M. Munisamy	1/1.	21/1/16	METD
<b>61</b>	<b>National Committee of CIE (NCCIE) Malaysia</b>					
	Dialogue / Meetings:	NCCIE Meeting No. 1	Ir. Lim Kim Ten	0/1	8/8/16	EETD
<b>62</b>	<b>Nehemiah Reinforced Soil Sdn Bhd (Kuala Lumpur)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation as Judge for the Nehemiah Design Competition 2016	Ir. Liew Shaw Shong	1/1.	18/10/16	GETD
		e-Invitation to the Inaugural Lau Phek Tin Lectures (in conjunction with the Nehemiah Design Competition 2016)	Ir. Liew Shaw Shong	0/1	18/10/16	GETD
<b>63</b>	<b>Perbadanan Putrajaya (Jabatan Perancangan Bandar)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	International Seminar on Ecohydrology Management of Putrajaya Lake and Wetland	<i>No representative</i>	0/1	19-20/1/16	EnVETD / WRTD
		Penganjuran Festival 'Light and Motion Putrajaya (LAMPU) 2016' - Jemputan Mengahdiri Forum LAMPU 2016	Ir. Wong Win Heng	1/1.	30/12/16	BSTD
<b>64</b>	<b>Pertubuhan Akitek Malaysia (PAM) / Malaysian Institute of Architects</b>					
	Dialogue / Meetings:	BIM Development Committee Meeting (No. 9/2016)	Ir. Wong Chee Fui	1/1.	16/2/16	-



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		Pre-BIPC Roundtable Meeting	Ir. Wong Chee Fui	1/1.	27/5/16	-
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Topping-up Ceremony of New PAM Centre	Ir. Yam Teong Sian	1/1.	18/2/16	Excomm
		Building Inspection Training Course	<i>No representative</i>	0/1	27-28/5/16	Activities
		PAM Annual Dinner	Ir. David Lai Kong Phooi	1/1.	28/5/16	Excomm
		BIPC Roundtable Discussion with Kuala Lumpur Architecture Festival (KLAF) 2016	Ir. Mohd. Radzi bin Salleh Ir. Dr Vinesh Thiruchelvam	1/1. 1/1.	20/7/16	PPC E2TD
		Launching Ceremony of Kuala Lumpur Architecture Festival 2016	Ir. Mohd. Radzi bin Salleh Ir. Dr Vinesh Thiruchelvam	1/1. 1/1.	20/7/16	PPC E2TD
		Exclusive Invitation as a Special Guest at the PAM Gold Medal Keynote Address and Dinner 2016	Ir. David Lai Kong Phooi	1/1.	8/10/16	Excomm
65	<b>Pertubuhan Profesional Tenaga Malaysia (Malaysian Energy Professionals Associations)</b>					
	Dialogue / Meetings:	Mesyuarat Jawatankuasa Pertama Ahli Jawatankuasa Bersama "ASEAN Energy Conference 2017"	Ir. Al-Khairi bin Mohd. Daud	1/1.	21/12/16	BSTD
66	<b>Prime Minister's Department (Economic Planning Unit)</b>					
	Dialogue / Meetings:	Mesyuarat Kedua Bagi Membincangkan Definisi Tenaga Boleh Baharu (Renewable Energy) Bagi Malaysia	Ir. Assoc. Prof. Dr Kannan M. Munisamy Ir. Lee Cheng Pay	1/1. 1/1.	13/1/16	METD EETD
67	<b>Real Estate Housing and Development Association (REHDA)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	New Year Open House 2016	Ir. Lai Sze Ching	1/1.	21/1/16	PPC
		8th Series of the International Conference on World Class Sustainable Cities (WCSC) 2016"	Ir. Tan Yean Chin	1/1.	8/9/16	Excomm
		REHDA National Golf Tournament 2016 (incorporating REHDA Inter-Branch Golf)	<i>No representative</i>	0/1	12/11/16	Excomm
		REHDA Annual Dinner 2016	<i>No representative</i>	0/1	29/11/16	Excomm
68	<b>Royal Intitution of Surveyors Malaysia (RISM)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	RICS - RISM Asia Valuation Conference 2016	<i>No representative</i>	0/1	13-14/1/15	PPC
		Opening Ceremony of the 18th International Surveyors' Congress	<i>No representative</i>	0/1	12/5/16	Excomm
		55th RISM Anniversary Dinner	Ir. David Lai Kong Phooi	1/1.	14/5/16	Excomm
		RISM Charity Run 2016	<i>No representatives</i>	0/1	31/7/16	YES
69	<b>SEGi University</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation to SEGi 2nd Public Lecture Series and to Witness the Memorandum of Understanding (MoU) Signing Ceremony Between SEGi University and Bahru Stainless	Ir. Yam Teong Sian Ir. Prof. Dr Jeffrey Chiang Choong Luin	1/1. 1/1.	28/7/16	Excomm Excomm
70	<b>Sarawak Shell Berhad</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Shell-Power Lunch with Engineering and Quality	Ir. Tan Yean Chin	1/1.	7/12/16	Excomm



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
71	Siemens					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation to ASEAN in a Climate of Change: Spotlight on Sustainable Energy in Malaysia, Thailand and Vietnam	Ir. Fam Yew Hin Ir. Wong Chee Fui	1/1. 1/1.	25/8/16	METD -
72	SinChew Jit Poh Daily Newspaper					
	Dialogue / Meetings:	Meeting with Chief Editor of SinChew Daily Newspaper	Ir. Tan Yean Chin Ir. Mohd. Khir bin Muhammad Ir. Wong Chee Fui	1/1. 1/1. 1/1.	16/3/16	Excomm InfoPUB -
		Opening Ceremony of the ASEAN in a Climate of Change: Spotlight on Sustainable Energy in Malaysia, Thailand and Vietnam	Ir. Assoc. Prof. Dr Norlida binti Buniyamin	1/1.	25/8/16	APT
73	SIRIM QAS International Sdn Bhd					
	Dialogue / Meetings:	Certification Advisory Committee (CAC) Meeting No. 42/2016	Ir. Choo Kok Beng	1/1.	15/6/16	CA
		Certification Advisory Committee (CAC) Meeting No. 43/2016	Ir. Choo Kok Beng	0/1	7/12/16	CA
		Mesyuarat bagi Membincangkan "Door Closer Power Size Selection" untuk Pengujian "Cyclic Movement Endurance Test" - MS 1073: Part 3: 1996 (AMD. 1, 2003)	<i>No representative</i>	0/1	6/9/16	PPC (FAB)
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Majlis Jamuan Hari Raya Kumpulan SIRIM Berhad	Ir. Choo Kok Beng Ir. Gunasagaran Kristnan	1/1. 1/1.	25/7/16	CA CA
74	SIRIM STS Sdn Bhd					
	Dialogue / Meetings:	<b>JAWATANKUASA TEKNIKAL / TECHNICAL COMMITTEE</b> TC - Anaesthetic/Respiratory and Electromechanical Devices (No. 1/2016) TC/R/3	Ir. Lim Kim Ten Ir. Al-Khairi bin Mohd. Daud	0/1 0/1	21/1/16	EETD BSTD
		TC - Anaesthetic/Respiratory and Electromechanical Devices (No. 3/2016) TC/R/3	Ir. Lim Kim Ten Ir. Al-Khairi bin Mohd. Daud	0/1 0/1	25/5/16	EETD BSTD
		TC - Anaesthetic/Respiratory and Electromechanical Devices (No. 4/2016) TC/R/3	Ir. Lim Kim Ten Ir. Al-Khairi bin Mohd. Daud	0/1 1/1.	7/9/16	EETD BSTD
		TC - Anaesthetic/Respiratory and Electromechanical Devices (No. 5/2016) TC/R/3	Ir. Lim Kim Ten Ir. Al-Khairi bin Mohd. Daud	0/1 1/1.	2/11/16	EETD BSTD
		TC - Anaesthetic/Respiratory and Electromechanical Devices (No. 6/2016) TC/R/3	Ir. Lim Kim Ten Ir. Al-Khairi bin Mohd. Daud	0/1 1/1.	22/12/16	EETD BSTD
		TC - Biomass (No. 1/2016)	<i>No representatives</i> Mr. Assoc. Prof. Dr Denny Ng ( <i>alt.</i> )	0/1 0/1	24/3/16	CETD CETD
		TC - Bricks and Blocks (No. 1/2016)	Mr. Sudharshan Naidu a/l Raman Ir. Ong Sang Woh	1/1. 0/1.	1/3/16	CSETD CSETD
		TC - Bricks and Blocks (No. 2/2016)	Mr. Sudharshan Naidu a/l Raman Ir. Ong Sang Woh Mr. Yeo Shin Horng, Grad. IEM ( <i>alt.</i> )	1/1. 0/1. 0/1.	29/9/16	CSETD CSETD CSETD
		TC - Bricks and Blocks (No. 3/2016)	Mr. Sudharshan Naidu a/l Raman Ir. Ong Sang Woh Mr. Yeo Shin Horng, Grad. IEM ( <i>alt.</i> )	0/1 0/1. 0/1.	24/10/16	CSETD CSETD CSETD



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		TC - Building Design and Construction (No. 1/2016)	Ir. David Ng Shiu Yuen Ir. Chong Chee Meng	0/1 0/1	4/4/15	CSETD CSETD
		TC - Clean Agent Fire Extinguishing System (TC-M-5) No. 1/2016	Dato' Ir. Muhammad Imran bin Baharudin <i>To appoint</i>	0/1 0/1	7/6/16	PPC (FAB) PPC (FAB)
		TC - Clean Agent Fire Extinguishing System (TC-M-5) No. 2/2016	Dato' Ir. Muhammad Imran bin Baharudin Ir. Gary Lim Eng Hwa	0/1 1/1.	29/8/16	PPC (FAB) PPC (FAB)
		TC - Clean Agent Fire Extinguishing System (TC-M-5) No. 3/2016	Dato' Ir. Muhammad Imran bin Baharudin Ir. Gary Lim Eng Hwa	0/1 1/1.	21/10/16	PPC (FAB) PPC (FAB)
		TC - Clean Agent Fire Extinguishing System (TC-M-5) No. 4/2016	Dato' Ir. Muhammad Imran bin Baharudin Ir. Gary Lim Eng Hwa  Ir. Cha Hoong Kum ( <i>alt.</i> )	0/1 1/1.  0/1	22/12/16	PPC (FAB) PPC (FAB) PPC (FAB)
		TC - Concrete and Concrete Products (No. 2/2016)	Ir. David Ng Shiu Yuen Ir. Chong Chee Meng Ir. Hooi Wing Chuen	0/1 0/1 1/1.	28/4/16	CSETD CSETD CSETD
		TC - Concrete and Concrete Products (No. 3/2016)	Ir. Hooi Wing Chuen Ir. Dr Ng Soon Ching ( <i>alt</i> )	0/1 1/1.	16/8/16	CSETD CSETD
		TC - Cop of Active Medical Devices and on LV Electrical Equipment/System in Healthcare Facilities- TC/R/10 (No. 1/2016)	Ir. Lim Kim Ten	1/1.	19/1/16	EETD
		TC - Cop of Active Medical Devices and on LV Electrical Equipment/System in Healthcare Facilities- TC/R/10 (No. 2/2016)	Ir. Lim Kim Ten	1/1.	24/2/16	EETD
		TC - Cop of Active Medical Devices and on LV Electrical Equipment/System in Healthcare Facilities- TC/R/10 (No. 3/2016)	Ir. Lim Kim Ten	1/1.	17/3/16	EETD
		TC - Cop of Active Medical Devices and on LV Electrical Equipment/System in Healthcare Facilities- TC/R/10 (No. 4/2016)	Ir. Lim Kim Ten	1/1.	7/4/16	EETD
		TC - Cop of Active Medical Devices and on LV Electrical Equipment/System in Healthcare Facilities- TC/R/10 (No. 5/2016)	Ir. Lim Kim Ten	1/1.	16/5/16	EETD
		TC - Cop of Active Medical Devices and on LV Electrical Equipment/System in Healthcare Facilities- TC/R/10 (No. 6/2016)	Ir. Lim Kim Ten	1/1.	27/7/16	EETD
		TC - Cop of Active Medical Devices and on LV Electrical Equipment/System in Healthcare Facilities- TC/R/10 (No. 7/2016)	Ir. Lim Kim Ten	1/1.	27/10/16	EETD
		TC - Cop of Active Medical Devices and on LV Electrical Equipment/System in Healthcare Facilities- TC/R/10 (No. 8/2016)	Ir. Lim Kim Ten Ir. Afred Eng Ho Shin	0/1 1/1.	22/12/16	EETD EETD
		TC - Electromagnetic Field (TC/E/6) - No. 1/2016	Dr Lim Chin Seong, Grad. IEM	1/1.	8/9/16	METD
		TC - Electromagnetic Field (TC/E/6) - No. 2/2016	Dr Lim Chin Seong, Grad. IEM	1/1.	13/10/16	METD
		TC - Equipment for Explosive Atmospheres (No. 1/2016)	Ir. Faridon bin Talib Ir. Lam Sing Yew Ir. Lim Kim Ten	0/1 0/1 1/1.	29/3/16	EETD EETD EETD
		TC - Equipment for Explosive Atmospheres (No. 2/2016)	Ir. Faridon bin Talib Ir. Lam Sing Yew Ir. Lim Kim Ten	1/1. 0/1 0/1	3/8/16	EETD EETD EETD



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		TC - Ergonomics (No. 1/2016)	Ir. Dr Tan Chee Fai	0/1	3/3/2016	METD
		TC - Ergonomics (No. 2/2016)	Ir. Dr Tan Chee Fai	0/1	3/11/16	METD
		TC - Ergonomics (No. 3/2016)	Ir. Dr Tan Chee Fai	0/1	1/12/16	METD
		TC - Fasteners and Screw Threads No. 1/2016	Ir. Lai Ah Ying	1/1.	29/6/16	METD
		TC - Jawatankuasa Teknikal "Software and Systems Engineering, IT Service Management and IT Governance" (TC/G/11) #2/2016	Ir. Aw Kong Koy En. Abdul Fattah bin Mohamed Yatim, MIEM Ir. Chai Chen Sing ( <i>alt.</i> )	0/1 0/1 0/1	11/10/16	ICTSIG ICTISG ICTISG
		TC - High Voltage Power Transmission (TCHVPT) #1/2016	Ir. Mah Soo Ir. Good Kid Seng ( <i>alt.</i> ) Ir. Yau Chau Fong Ir. Chong Chew Fan	0/1 0/1 0/1 0/1	27/9/16	EETD EETD EETD EETD
		TC - Lightning Protection (TC/E/13) #1/2016	<i>No invitation to IEM</i>	0/1	25/10/16	EETD
		TC - Fire Properties of Building Materials #1/2016	Ir. Thin Choon Chai	1/1.	15/11/16	PPC (FAB)
		TC - Jawatankuasa Teknikal bagi "Power Quality" No. 2/2016	Ir. Lim Kim Ten Ir. Lee Cheng Pay Ir. Gan Tian Eng	0/1 0/1 0/1	9/8/16	EETD EETD EETD
		TC - Steel Bars, Wire Rods and Wire Products (No. 1/2016)	Ir. Li Thang Fai	0/1	29/1/16	CSETD
		TC - Steel Bars, Wire Rods and Wire Products (No. 2/2016)	Ir. Chong Chee Meng Ir. Siow Yun Tong ( <i>alt.</i> )	1/1. 0/1	12/5/16	CSETD CSETD
		TC - Jawatankuasa Standard Perindustrian (JSP D) bagi Bangunan, Pembinaan dan Kejuruteraan Awam (No. 1/2016) - ISC D	Ir. Adjunct Prof. MC Hee Ir. Prof. Dr Jeffrey Chiang Choong Luin ( <i>alt.</i> ) Ir. Tu Yong Eng	0/1 0/1 0/1	19/5/16	CSETD CSETD CSETD
		TC - Jawatankuasa Standard Perindustrian (JSP D) bagi Bangunan, Pembinaan dan Kejuruteraan Awam (No. 2/2016) - ISC D	Ir. Adjunct Prof. MC Hee Ir. Tu Yong Eng	0/1 1/1.	5/12/16	CSETD CSETD
		TC - Industry Standards Committee on Generation, Transmission and Distribution of Energy (ISC E) No. 1/2016	Dato' Ir. Ibrahim bin Abu Bakar Ir. Yau Chau Fong ( <i>alt.</i> )	1/1. 0/1	24/5/16	EETD EETD
		TC - Industry Standards Committee on Generation, Transmission and Distribution of Energy (ISC E) No. 2/2016	Dato' Ir. Ibrahim bin Abu Bakar Ir. Yau Chau Fong ( <i>alt.</i> )	1/1. 0/1	29/11/16	EETD EETD
		TC3 - Meeting (1/2016)	Ir. Lim Kim Ten	1/1.	21/1/16	EETD
		TC - Jawatankuasa Standard Perindustrian bagi Kejuruteraan Mekanikal (ISC F) No. 1/2016	Ir. Luk Chau Beng Ir. Fam Yew Hin	1/1. 0/1	24/5/16	METD METD
		TC - Jawatankuasa Standard Perindustrian bagi Kejuruteraan Mekanikal (ISC F) No. 2/2016	Ir. Luk Chau Beng Ir. Fam Yew Hin	0/1 1/1.	2/12/16	METD METD
		TC - Jawatankuasa Standard Perindustrian Bagi Teknologi Maklumat, Komunikasi & Multimedia (ISC G) No. 1/2016	En. Abdul Fattah bin Mohamed Yatim, MIEM	1/1.	27/5/16	ICTSIG
		TC - Jawatankuasa Standard Perindustrian Bagi Teknologi Maklumat, Komunikasi & Multimedia (ISC G) No. 2/2016	En. Abdul Fattah bin Mohamed Yatim, MIEM	1/1.	22/11/16	ICTSIG
		TC - Metallic Materials and Semi-Finished Products (ISC P) #1/2016	Ir. David Ng Shiu Yuen Ir. Lee Kee Bau ( <i>alt.</i> )	1/1. 0/1	14/9/16	CSETD CSETD
		Jawatankuasa Standard Perindustrian bagi Keselamatan dan Kesihatan Pekerjaan (ISC W) #2/2016	Ir. Noor Hisham bin Yahaya	0/1	15/12/16	METD
		TC - Meeting for Quality Management and Quality Assurance (ISC Y) (No. 1/2016)	Ir. Hussein bin Rahmat	0/1	7/6/16	EnvETD
		TC - Meeting for Quality Management and Quality Assurance (ISC Y) (No. 2/2016)	Ir. Hussein bin Rahmat	0/1	19/10/16	EnvETD



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		TC - Jawatankuasa Standard Perindustrian bagi Pengurusan Alam Sekitar (ISC Z) #1/2016	Ir. Choo Chee Ming Ir. Hussein bin Rahmat	0/1 0/1	26/5/16	EnvETD EnvETD
		TC - Jawatankuasa Standard Perindustrian bagi Pengurusan Alam Sekitar (ISC Z) #2/2016	Ir. Choo Chee Ming Ir. Hussein bin Rahmat	0/1 0/1	1/12/16	EnvETD EnvETD
		TC - Jawatankuasa Teknikal Mechanical Safety for Consumer Use (TC/F/24) No. 1/2016	En. Nor Azilan bin Jaafar Ir. Dr Tan Chee Fai ( <i>alt</i> )	1/1. 0/1	27/1/16	METD METD
		TC - Jawatankuasa Teknikal Mechanical Safety for Consumer Use (TC/F/24) No. 2/2016	En. Nor Azilan bin Jaafar Ir. Dr Tan Chee Fai ( <i>alt</i> )	1/1. 0/1	17/4/16	METD METD
		TC - Jawatankuasa Teknikal Mechanical Safety for Consumer Use (TC/F/24) No. 3/2016	En. Nor Azilan bin Jaafar Ir. Dr Tan Chee Fai ( <i>alt</i> )	1/1. 0/1	22/3/16	METD METD
		TC - Jawatankuasa Teknikal Mechanical Safety for Consumer Use (TC/F/24) No. 2/2016	En. Nor Azilan bin Jaafar, Grad. IEM Ir. Dr Tan Chee Fai ( <i>alt</i> )	1/1. 0/1	15/3/16	METD METD
		TC - Jawatankuasa Teknikal Mechanical Testing of Metallic Materials (TC/P/8) (No. 1/2016)	Dr Lim Chin Seong, Grad. IEM Ir. Fam Yew Hin ( <i>alt</i> )	1/1. 0/1	14/9/16	METD METD
		TC - Jawatankuasa Teknikal "Statistical Methods" (No. 1/2016)	Dr Lim Chin Seong, Grad. IEM Ir. Fam Yew Hin	0/1 0/1	24/5/16	METD METD
		TC - Jawatankuasa Teknikal bagi Potable Water Systems and Components (No. 1/2016)	Ir. C. Kamalesan a/l Chandrasekaran	0/1	23/2/16	WRTD
		TC - Jawatankuasa Teknikal bagi Potable Water Systems and Components (No. 2/2016)	Ir. C. Kamalesan a/l Chandrasekaran	0/1	10/6/16	WRTD
		TC - Jawatankuasa Teknikal bagi Potable Water Systems and Components (No. 3/2016)	Ir. C. Kamalesan a/l Chandrasekaran	0/1	5/10/16	WRTD
		TC - Jawatankuasa Teknikal bagi Potable Water Systems and Components (No. 4/2016)	Ir. C. Kamalesan a/l Chandrasekaran	0/1	21/12/16	WRTD
		TC - Renewable Energies (No.1/2016)	Ir. Chong Chew Fan Ir. Yau Chau Fong	0/1 1/1.	30/3/16	EETD EETD
		TC - Jawatankuasa Projek bagi Membincangkan Draf Industri Standard Mengenai "Green Product Scoring System (GPSS)" No. 1/2016	<i>No representative</i>	0/1	20/6/16	METD
		TC - Jawatankuasa Projek bagi Membincangkan Draf Industri Standard Mengenai "Green Product Scoring System (GPSS)" No. 2/2016	<i>No representative</i>	0/1	14/7/16	METD
		TC - High Voltage Power Transmission #1/2016	Ir. Tejinder Singh	1/1.	28/1/16	EETD
		TC - High Voltage Power Transmission #2/2016	Ir. Tejinder Singh	1/1.	27/9/16	EETD
	Dialogue / Meetings:	<b>JAWATANKUASA KERJA / WORKING TECHNICAL COMMITTEE</b> WG - Ambient Atmosphere and Meteorology (WG/Z/8-1) No. 1/2016	Ir. Khew Swee Lian	0/1	17/3/16	EnvETD
		WG - Code of Practice for Medical Gas System (WG/R/10-1) (No. 1/2016)	Ir. Lim Kim Ten Ir. Al-Khairi bin Mohd. Daud	1/1. 0/1	12/2/16	EETD BSTD
		WG - Constituent Materials and Concrete (No. 1/2016)	Ir. Hooi Wing Chuen	0/1	26/1/16	CSETD
		WG - Constituent Materials and Concrete (No. 2/2016)	Ir. Hooi Wing Chuen	0/1	24/2/16	CSETD
		WG - Constituent Materials and Concrete (No. 3/2016)	Ir. Hooi Wing Chuen	0/1	4/4/16	CSETD
		WG - - Electrical Measuring Equipment and Their Accessories #1/2016	Ir. Lim Kim Ten Ir. Yau Chau Fong ( <i>alt</i> )	0/1 1/1.	2/12/16	EETD EETD
		WG - Flammable Refrigerant System (No. 1/2016)	Ir. Loo Chee Kin <i>No representative</i>	1/1. 0/1	29/2/16	PPC (FAB) BSTD
		WG - Flammable Refrigerant System (No. 2/2016)	Ir. Loo Chee Kin Ir. Ng Yong Kong	0/1 1/1.	11/5/16	PPC (FAB) PPC





No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		WG - Flammable Refrigerant System (No. 3/2016)	Ir. Loo Chee Kin Ir. Ng Yong Kong	0/1 1/1.	27/6/16	PPC (FAB) PPC
		WG - Flammable Refrigerant System (No. 4/2016)	Ir. Loo Chee Kin Ir. Ng Yong Kong	0/1 1/1.	27/7/16	PPC (FAB) PPC
		WG - Flammable Refrigerant System (No. 5/2016)	Ir. Loo Chee Kin Ir. Ng Yong Kong	1/1. 0/1	10/10/16	PPC (FAB) PPC
		WG - Functional Safety of Electrical/Electronic/ Programmable Electronic Safety-Related Systems (WG/S/0-4) (IEC/SC65A) #1/2016	Ir. Lim Kim Ten	1/1.	6/10/16	EETD
		WG - Gas Appliances (No. 1/2016)	<i>No representative</i>	0/1	3/3/16	OGMTD/ CETD
		WG - Gas Appliances (No. 2/2016)	<i>No representative</i>	0/1	30/8/16	OGMTD/ CETD
		WG - Gas Appliances (No. 3/2016)	<i>No representative</i>	0/1	11/10/16	OGMTD/ CETD
		WG - Gas Appliances (No. 4/2016)	<i>No representative</i>	0/1	16/11/16	OGMTD/ CETD
		WG - High Voltage Switchgear, Controlgear and Assemblies (No. 1/2016)	Ir. Tejinder Singh Ir. Chong Chew Fan Ir. Ng Win Siau ( <i>alt.</i> )	0/1 1/1. 0/1	28/1/16	EETD EETD METD
		WG - High Voltage Switchgear, Controlgear and Assemblies (No. 2/2016)	Ir. Tejinder Singh Ir. Chong Chew Fan Ir. Ng Win Siau ( <i>alt.</i> )	0/1 1/1. 0/1	4/2/16	EETD EETD METD
		WG - High Voltage Switchgear, Controlgear and Assemblies (No. 3/2016)	Ir. Tejinder Singh Ir. Chong Chew Fan Ir. Ng Win Siau	0/1 0/1 1/1.	2/6/16	EETD EETD EETD
		WG - High Voltage Switchgear, Controlgear and Assemblies (No. 4/2016)	Ir. Tejinder Singh Ir. Yau Chau Fong	0/1 0/1	21/7/16	EETD EETD
		WG - High Voltage Switchgear, Controlgear and Assemblies (No. 5/2016)	Ir. Tejinder Singh Ir. Yau Chau Fong Ir. Ng Win Siau	0/1 0/1 0/1	29/9/16	EETD EETD EETD
		WG - "Keluar" Sign and Emergency Lighting (WG/M/1-1) No. 1/2016)	Ir. Thin Choon Chai Ir. Cha Hoong Kum	1/1. 0/1	19/4/16	PPC (FAB) PPC (FAB)
		WG - "Keluar" Sign and Emergency Lighting (WG/M/1-1) No. 2/2016)	Ir. Thin Choon Chai Ir. Cha Hoong Kum	1/1. 1/1.	21/7/16	PPC (FAB) PPC (FAB)
		WG - "Keluar" Sign and Emergency Lighting (WG/M/1-1) No. 3/2016)	Ir. Thin Choon Chai Ir. Cha Hoong Kum	1/1. 0/1	11/8/16	PPC (FAB) PPC (FAB)
		WG - Lifts and Escalators (No. 3/2015)	Ir. Raghbir Fasih Azmi Ir. Dr Cheong Thiam Fook	1/1. 0/1	20/4/16	METD METD
		WG - Piling (No. 1/2016)	Ir. David Ng Shiu Yuen Ir. Tu Yong Eng	1/1. 1/1.	5/10/16	CSETD CSETD
		WG - Planning and Designing for Basement Parking - Code of Practice : Notice of Meeting 1/2016	Ir. Puvanesan a/l Mariappan Mr. Moey Lip Kean, Grad. IEM ( <i>alt</i> ) En. Mohd. Yusof Tulahan Rahmad, Grad. IEM ( <i>alt</i> )	1/1. 0/1 0/1	20/9/16	METD METD METD
		WG - Protection Relay Devices (No. 2/2016)	Ir. Chong Chew Fan Ir. Lim Kim Ten ( <i>alt.</i> )	1/1. 0/1	18/2/16	EETD EETD



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		WG - Protection Relay Devices (No. 3/2016)	Ir. Chong Chew Fan Ir. Lim Kim Ten ( <i>alt.</i> )	1/1. 0/1	22/3/16	EETD EETD
		WG - Protection Relay Devices (No. 4/2016)	Ir. Chong Chew Fan Ir. Lim Kim Ten ( <i>alt.</i> )	1/1. 0/1	21/4/16	EETD EETD
		WG - Protection Relay Devices (No. 5/2016)	Ir. Chong Chew Fan Ir. Lim Kim Ten ( <i>alt.</i> )	1/1. 0/1	19/5/16	EETD EETD
		WG - Protection Relay Devices (No. 6/2016)	Ir. Chong Chew Fan Ir. Lim Kim Ten ( <i>alt.</i> )	1/1. 0/1	25/8/16	EETD EETD
		WG - Protection Relay Devices (No. 7/2016)	Ir. Chong Chew Fan Ir. Lim Kim Ten ( <i>alt.</i> )	1/1. 0/1	28/9/16	EETD EETD
		WG - Public Toilets (No. 1/2016) NP for MS 2015 (Part 2,3 & 5)	Ir. Gary Lim Eng Hwa Ir. Hussein bin Rahmat	0/1 1/1.	13/4/16	BSTD EnvETD
		WG - Public Toilets (No. 2/2016)	Ir. Gary Lim Eng Hwa Ir. Hussein bin Rahmat	0/1 1/1.	24/5/16	BSTD EnvETD
		WG - Public Toilets (No. 3/2016)	Ir. Gary Lim Eng Hwa Ir. Hussein bin Rahmat	1/1. 0/1	20/7/16	BSTD EnvETD
		WG - Public Toilets (No. 4/2016)	Ir. Gary Lim Eng Hwa Ir. Hussein bin Rahmat	1/1. 0/1	24/8/16	BSTD EnvETD
		WG - Public Toilets (No. 5/2016)	Ir. Gary Lim Eng Hwa Ir. Hussein bin Rahmat	0/1 0/1	21/9/16	BSTD EnvETD
		WG - Revision of MS 502-3 under TC on Concrete and Concrete Products	<i>No representatives</i>	0/1	26/1/16	CSETD
		WG - Road Lighting (No. 1/2016)	Ir. Chong Chew Fan Ir. Yau Chau Fong	1/1. 0/1	20/7/16	EETD EETD
		WG - Smoke Duct, Smoke Control and Pressurization (No. 2/2016)	Ir. Daniel Lim Kim Chuan	0/1	20/4/16	PPC (FAB)
		WG - Smoke Duct, Smoke Control and Pressurization (No. 3/2016)	Ir. Daniel Lim Kim Chuan	0/1	26/5/16	PPC (FAB)
		WG - Tint Film for Glazing Material (WG/L/1-6)#1/2016	Dato' Ir Foong Choy Chye En. Nor Azilan bin Jaafar, Grad. IEM	1/1. 0/1	25/5/16	METD METD
		WG - Tint Film for Glazing Material (WG/L/1-6) #2/2016	Dato' Ir Foong Choy Chye En. Nor Azilan bin Jaafar, Grad. IEM	1/1. 0/1	2-3/3/16	METD METD
		WG - Tint Film for Glazing Material (WG/L/1-6) #3/2016	Dato' Ir Foong Choy Chye En. Nor Azilan bin Jaafar, Grad. IEM	1/1. 0/1	21/6/16	METD METD
		WG - Tint Film for Glazing Material (WG/L/1-6)	Dato' Ir Foong Choy Chye En. Nor Azilan bin Jaafar, Grad. IEM	0/1 1/1.	1/11/16	METD METD
		WG - Workplace Atmosphere and Indoor Air (No. 31)	Ir. Santha Kumaran @ Erusan	0/1	14/1/16	EnvETD
		WG - Workplace Atmosphere and Indoor Air (No. 32)	Ir. Santha Kumaran @ Erusan	0/1	27/5/16	EnvETD
		WG - Workplace Atmosphere and Indoor Air (No. 33)	Ir. Santha Kumaran @ Erusan	0/1	23/8/16	EnvETD
		WG 1 - Review Section 4 to 9 of BS 5930: Workshop on to Review the Section 6 & 7 (95 pages)	Ir. Yee Thien Seng Ir. Balakrishnan s/o Etty Gaunder	0/1 1/1.	28/1/16	GETD GETD
		WG 1 - Review Section 4 to 9 of BS 5930	Ir. Yee Thien Seng Ir. Balakrishnan s/o Etty Gaunder	1/1. 1/1.	24/2/16	GETD GETD
		WG 1 - Review Section 4 to 9 of BS 5930 (No. 5/2016)	Ir. Yee Thien Seng Ir. Balakrishnan s/o Etty Gaunder	1/1. 1/1.	25/5/16	GETD GETD



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		WG 1 - Review of MS 2038, Section 4 to 9 (No. 2/2016)	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	24/2/16	GETD GETD
		WG 1 - Review of MS 2038 (No. 3/2016)	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	24/3/16	GETD GETD
		WG 1 - Review of MS 2038 (No. 4/2016)	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	28/4/16	GETD GETD
		WG 1 - Review of MS 2038 (No. 5/2016)	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	25/5/16	GETD GETD
		WG 1 - Review of MS 2038 (No. 6/2016)	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	29/6/16	GETD GETD
		WG 1 - Review of MS 2038 (No. 7/2016)	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	28/7/16	GETD GETD
		WG 1 - Review of MS 2038 (No. 8/2016)	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	25/8/16	GETD GETD
		WG 1 - Review of MS 2038 (No. 9/2016)	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	27/9/16	GETD GETD
		WG 1 on Section 4 to 9 of BS 5930 (Revision of MS 2038)	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	27/10/16	GETD GETD
		WG 2 - Section 1 to 3, Section 10 and 11 (Revision of MS 2038) - No. 1/2016	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	28/1/16	GETD GETD
		WG 2 - Section 1 to 3, Section 10 and 11 (Revision of MS 2038) - No. 2/2016	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	23/2/16	GETD GETD
		WG 2 - Section 1 to 3, Section 10 and 11 (Revision of MS 2038) - No. 3/2016	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	24/3/16	GETD GETD
		WG 2 - Section 1 to 3, Section 10 and 11 (Revision of MS 2038) - No. 4/2016	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	14/4/16	GETD GETD
		WG 2 - Section 1 to 3, Section 10 and 11 (Revision of MS 2038) - No. 5/2016	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	12/5/16	GETD GETD
		WG 2 - Section 1 to 3, Section 10 and 11 (Revision of MS 2038) - No. 6/2016	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	16/6/16	GETD GETD
		WG 2 - Section 1 to 3, Section 10 and 11 (Revision of MS 2038) - No. 7/2016	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	14/7/16	GETD GETD
		WG 2 - Section 1 to 3, Section 10 and 11 (Revision of MS 2038) - No. 8/2016	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	23/8/16	GETD GETD
		WG 2 - Section 1 to 3, Section 10 and 11 (Revision of MS 2038) - No. 9/2016	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	22/9/16	GETD GETD
		WG 2 - Section 1 to 3, Section 10 and 11 (Revision of MS 2038) - No. 10/2016	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	20/10/16	GETD GETD
		WG 2 - Section 1 to 3, Section 10 and 11 (Revision of MS 2038) - No. 11/2016	Ir. Yee Thien Seng Ir. Balakrishnan s/o Ety Gaunder	1/1. 0/1	17/11/16	GETD GETD



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		WG 5 - Protection Relay Devices (No. 1/2016)	Ir. Chong Chew Fan Ir. Lim Kim Ten	1/1. 0/1	18/2/16	EETD EETD
		WG 5 - Protection Relay Devices (No. 2/2016)	Ir. Chong Chew Fan Ir. Lim Kim Ten	1/1. 0/1	22/3/16	EETD EETD
		WG 6 - Design and Installation (No. 1/2016)	Ir. Faridon bin Talib Ir. Yau Chau Fong	0/1 1/1.	4/2/16	EETD EETD
		Post Mortem Meeting for National Consultation to Draft NA to MS EN 1998-1	Ir. Mun Kwai Peng Ir. Tu Yong Eng Ir. Lee Weng Onn Ir. M.C. Hee Ir. Prof. Dr Jeffrey Chiang Choong Luin	0/1 0/1 0/1 0/1 0/1	22/9/16	TC on Earthquake TC on Earthquake TC on Earthquake TC on Earthquake TC on Earthquake
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Workshop on Revision of MS 2058, Code of Practice for Good Engineering Maintenance Management of Active Medical Devices: TC on Cop of Active Medical Devices and on LV Electrical Equipment/System in Healthcare Facilities	Ir. Lim Kim Ten	0/1	13-15/5/16	EETD
		Mesyuarat Membincangkan Cadangan Daripada ISO Berkenaan "New Field of Technical Activity on Blockchain and Electronic Distributed Ledger Technologies (ISO/TS/P 258)"	En. Abdul Fattah bin Mohamed Yatim, MIEM	1/1.	20/6/16	Excomm / ICTSIG
		Jemputan Menghadiri Bengkel Jawatankuasa Standard Perindustrian bagi Keselamatan dan Kesihatan Pekerjaan (ISC W)	En. Nor Azilan bin Jaafar, Grad. IEM Ir. Yeoh Jit Shiong	1/1. 1/1.	8-9/8/16	METD METD
		Audit ICT dan Penggunaan Standard yang Berkaitan (ISC/G)	En. Abdul Fattah bin Mohamed Yatim, MIEM	1/1.	23/9/16	ICTSIG
		Bengkel Mengulangkaji MS 2015: 2006 – Public Toilet Part 1: Minimum Design Criteria	Ir. Gary Lim Eng Hwa	1/1.	14-16/10/16	BSTD
		Seminar on MS 1183:2015 - Fire Safety in the Design, Management and Use of Buildings (First Revision)	Ir. Tan Chew	1/1.	29/11/16	PPC (FAB)
		Majlis SIRIM Industri 2016	Ir. Choo Kok Beng Ir. Gunasagaran Kristnan	1/1. 1/1.	25/11/16	Excomm Excomm
		STS First Networking and Hi-Tea Session	<i>No representative</i>	0/1	28/11/16	Excomm
<b>75</b>	<b>Sunway University</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Pre-Launch Public Lecture by Professor Jeffrey Sachs on The Grand Challenges of Global Diplomacy	Ir. Yam Teong Sian	1/1.	8/12/16	Excomm
		The Inaugural Conference and Launch of the Jeffrey Sachs Center on Sustainable Development on Moving Decisively Forward on Sustainable Now!	Ir. Wong Chee Fui	1/1.	9/12/16	-
<b>76</b>	<b>Suruhanjaya Perkhidmatan Air Negara (SPAN) / National Water Services Commissions)</b>					
	Dialogue / Meetings:	Mesyuarat Jawatankuasa Teknikal SPAN (No. 1/2016)	Ir. Jama'iatul-Lailah binti Mohd. Jais	1/1.	19/4/16	WRTD
		Mesyuarat Jawatankuasa Teknikal SPAN (No. 2/2016)	Ir. Jama'iatul-Lailah binti Mohd. Jais	1/1.	20/7/16	WRTD
		Mesyuarat bagi Membincangkan Isu Penggunaan Elemen Bahan Tambahan (Bakteria/ Mikroorganisma) Sebagai Suatu Proses di Dalam Loji Rawatan Kumbahan	Ir. Jama'iatul-Lailah binti Mohd. Jais	0/1	29/6/16	WRTD



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		Mesyyarat Kumpulan Kerja Standard & Pengaplikasian (Bil. 1/2016)	Dato' Ir. Lim Chow Hock	1/1.	25/8/16	Excomm
		Mesyyarat Jawatankuasa Penilaian Utama (JAKPEN Utama) #1/2016	Ir. Lai Sze Ching ( <i>main rep</i> ) Ir. Ellias bin Saidin ( <i>alt rep</i> )	0/1 0/1	2/11/16	PPC PPC/ WRTD
		Mesyyarat Jawatankuasa Penilaian Utama (JAKPEN Utama) #2/2016	Ir. Lai Sze Ching ( <i>main rep</i> ) Ir. Ellias bin Saidin ( <i>alt rep</i> )	0/1 1/1.	16/11/16	PPC PPC/ WRTD
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Majlis Pelancaran Perundingan Awam Bersama Penggiat Industri - Transformasi Prosedur Kelulusan	Ir. Dr Tony Chong Kwet Kin Ir. Jama'iatul-Lailah binti Mohd. Jais Ir. Wong Chee Fui	1/1. 1/1. 1/1.	2/2/16	WRTD WRTD -
		Jemputan ke Bengkel Berkenaan Efluen Terlarang	Ir. Jama'iatul-Lailah binti Mohd. Jais	1/1.	25/8/16	WRTD
<b>77</b>	<b>Suruhanjaya Tenaga (ST)</b>					
	Dialogue / Meetings:	WG - Code of Practice for Water Heater #1	Ir. Lim Kim Ten Ir. Yau Chau Fong ( <i>alt</i> )	1/1. 1/1.	9/8/16	EETD EETD
		WG - Code of Practice for Water Heater #2	Ir. Lim Kim Ten Ir. Yau Chau Fong ( <i>alt</i> )	0/1 0/1	30/8/16	EETD EETD
		WG - Development of MEPS Criteria for Electric Motor	Ir. Lee Yuen How Ir. Francis Xavier Jacob	1/1. 1/1.	21/4/16	EETD EETD
		Perbincangan Pindaan Peraturan Pengurusan Tenaga Elektrik Dengan Cekap 2008	Ir. Yau Chau Fong	1/1.	22/8/16	EETD
		Kumpulan Kerja Penetapan Standard Minimum Kecekapan Tenaga (MEPS) untuk Kelengkapan Elektrik - Chiller	Ir. Kesavan Jaganathan Ir. Wong Win Heng ( <i>alt</i> )	1/1. 1/1.	29/8/16	BSTD BSTD
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Majlis Hari Raya Aidilfitri 2016	Ir. Yau Chau Fong	1/1.	21/7/16	EETD
<b>78</b>	<b>Technological Association Malaysia (TAM)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan ke Program Seminar Penyediaan Sumber Manusia Teknikal ke Arah Cabaran Liberalisasi Bersama Pihak TAM	Ir. Assoc. Prof. Dr Norlida binti Buniyamin Ir. Yam Teong Sian Ir. Wong Chee Fui	1/1. 1/1. 1/1.	22/8/16	APT Excomm -
<b>79</b>	<b>Tenaga Nasional Berhad (TNB)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Majlis Mesra Tahun Baru Cina TNB 2016	Ir. Gunasagaran Kristnan	1/1.	16/2/16	Excomm
<b>80</b>	<b>The Associated Chinese Chambers of Commerce and Industry of Malaysia (ACCCIM)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Grand Dinner in Celebration of 95th Anniversary of ACCCIM	Ir. Tan Yean Chin	1/1.	29/5/16	Excomm
<b>81</b>	<b>The Boston Consulting Group</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation to Attend EPU Professional Services Workshop #2 (Breakout session #2: Brainstorm and prioritize productivity improvement initiatives going forward)	Ir. Hjh. Raftah binti Mahfar	1/1.	17/5/16	PPC
<b>82</b>	<b>The Chartered Institute of Building Malaysia (CIOB)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	The 14th "1-Day International Construction Conference 2016" (14th ICC 2016) on "Challenges of Global Mega Projects - Survival of the Fittest for Project Excellence" - incnjunction with ICW 2016	Ir. Lai Sze Ching	1/1.	13/4/16	PPC



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
		Exhibition to Showcase the "Success Stories & Wisdom of the Achievers in Construction & the Built Environment"	<i>No representative</i>	0/1	14-15/10/16	Awards Committee
		The Official Opening of CIDB-CIOB Novus Youth Arena Malaysia 2016	<i>No representative</i>	0/1	14/10/16	Excomm
		The Dinner Reception of CIDB-CIOB Novus Youth Arena Malaysia 2016	<i>No representative</i>	0/1	14/10/16	Excomm
<b>83</b>	<b>The Electrical and Electroics Association of Malaysia (TEEAM)</b>					
	Dialogue / Meetings:	MyCIE Meeting No. 1	Ir. Lim Kim Ten Ir. Yau Chau Fong ( <i>alt.</i> )	1/1. 0/1	8/8/16	EETD EETD
		MyCIE Meeting No. 2	Ir. Lim Kim Ten Ir. Yau Chau Fong ( <i>alt.</i> )	1/1. 0/1	22/12/16	EETD EETD
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	One Day Workshop on "Installation, Sizing and Protection and Low Voltage (LV) Wiring Systems"	Ir. Lim Kim Ten	1/1.	18/1/16	EETD
		TEEAM 64th Anniversary Dinner	Ir. David Lai Kong Phooi	1/1.	27/8/16	Excomm
<b>84</b>	<b>The Malaysian Institute of Arbitrators</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Cocktail Reception in Celebration of the Opening of the MI Arb New Secretariat Office at the Bangunan Sulaiman, Kuala Lumpur	<i>No representative</i>	0/1	19/5/16	Excomm
<b>85</b>	<b>The Institution of Fire Engineers (UK), Malaysia Branch [IFE]</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Seminar on "Fire Risks and Solutions for Built Environment"	Ir. Thin Choon Chai	1/1.	27/9/16	PPC (FAB)
<b>86</b>	<b>The Institution of Engineers, Singapore (IES)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Official Opening of New IES Green Building	Dato' Ir. Lim Chow Hock	1/1.	16/2/16	Excomm
		Lo Hei Dinner	Dato' Ir. Lim Chow Hock	1/1.	16/2/16	Excomm
		IES Golden Jubilee Gala Dinner 2016	Ir. Tan Yean Chin Ir. Yam Teong Sian	1/1. 1/1.	1/7/16	Excomm Excomm
<b>87</b>	<b>United Business Media (M) Sdn Bhd</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	AsiaWater 2016	Dato' Ir. Lim Chow Hock Jama'iatul-Lailah binti Mohd. Jais	1/1. 1/1.	6-8/4/16	Excomm WRTD
		An Invitation to Speakers' Appreciation Dinner	Dato' Ir. Lim Chow Hock	1/1.	5/4/16	Excomm
		Opening Ceremony of AsiaWater 2016	Dato' Ir. Lim Chow Hock	1/1.	7/4/16	Excomm
<b>88</b>	<b>University of Nottingham</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation to Mechanical Engineering Year 3 Group Design Project Prototype Exhibition	Ir. Dr Kannan M. Munisamy	1/1.	26/5/16	METD
<b>89</b>	<b>Universiti Pertahanan Nasional Malaysia (UPNM)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Bengkel "National Robotic Blueprint" Siri 1/2016 - Kluster Keselamatan & Pertahanan	En. Abdul Fattah bin Mohamed Yatim, MIEM	1/1.	23/3/16	Excomm





No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
<b>90</b>	<b>Universiti Putra Malaysia (UPM)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	One Day Forum with Agricultural & Food Engineering Technical Division	Ir. Dr Ooi Ho Seng Ir. Dr Chew Chong Key Mr. Billy Lim Heng Tean, Grad. IEM	1/1. 1/1. 1/1.	4/7/2016	AFETD AFETD AFETD
		Opening Ceremony for the "International Conference on Agricultural and Food Engineering" CAFEi2016: Sustaining Agriculture, Preserving Life"	Ir. Yong Hong Liang	1/1.	23/8/16	AFETD
		International Conference on "Agricultural and Food Engineering" CAFEi2016: Sustaining Agriculture, Preserving Life (Opening Ceremony)	Ir. Yong Hong Liang Ir. Wan Wai Thong	1/1. 1/1.	23/8/16	AFETD AFETD
		International Conference on "Agricultural and Food Engineering" CAFEi2016: Sustaining Agriculture, Preserving Life	Ir. Yong Hong Liang Ir. Wan Wai Thong	1/1. 1/1.	23-25/8/16	AFETD AFETD
		Majlis Penyampaian Anugerah Kecemerlangan Graduan Sesi 2015/2016 Fakulti Kejuruteraan	Ir. Elias bin Saidin	1/1.	21/10/16	Excomm
<b>91</b>	<b>Universiti Teknologi Malaysia (UTM)</b>					
	Dialogue / Meetings:	IEM - UTM Dialogue under Benchmarking Quality of Engineers	Dato' Ir. Lim Chow Hock Dato' Ir. Dr Gue See Sew  Ir. Yam Teong Sian Ir. Wong Chee Fui	1/1. 1/1.  1/1. 1/1.	19/2/16	Excomm Position Paper Committee on Benchmarking the Quality of Engineers Excomm -
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Panel Industri Dalam Bidang Kepakaran Mekanikal Bagi Proses Pemurnian Kokurikulum Diploma UTM	Ir. Syed Neguib bin Syed Mohamed	1/1.	22/2/16	METD
<b>92</b>	<b>Universiti Teknologi MARA (UiTM)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Jemputan Penceramah IEM Bagi Pelajar Baru Sesi Mac 2016	Ir. Dr Cheong Thiam Fook	1/1.	18/2/16	MDP / METD
<b>93</b>	<b>Universiti Teknologi PETRONAS (UTP)</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Invitation to Officiate the 38th Science & Engineering Design Exhibition (SEDEX 38 2016)	Ir. David Lai Kong Phooi	1/1.	30/11/16	Excomm
<b>94</b>	<b>Universiti Tenaga Nasional (UNITEN)</b>					
	Dialogue / Meetings:	Industrial Advisory Panel (IAP) Meeting No. 10, for Civil Engineering, UNITEN	Ir. David Ng Shiu Yuen	1/1.	16/5/16	CSETD
		Industrial Advisory Panel (IAP) Meeting No. 11, for Civil Engineering, UNITEN	Ir. David Ng Shiu Yuen	0/1	29/8/16	CSETD
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Engineers for MAKNA Run 2016	Mr. Vivekasugha Alif Gunaalan, Grad. IEM	1/1.	17/1/16	YES
		Invitation to Jointly Organised Mechanical Design Competition in UNITEN	<i>No representative</i>	0/1.	26/1/16	METD/ E <sup>2</sup> TD
<b>95</b>	<b>Universiti Tunku Abdul Rahman (UTAR)</b>					
	Dialogue / Meetings:	Lee Kong Chian Faculty of Engineering and Science (LKC FES) / Faculty of Engineering and Green Technology (FEGT) Joint Industrial Advisory Panels (IAP) Meeting	Ir. Lim Kim Ten	1/1.	20/5/16	EETD



No	Organization	Details	Representatives	Attendance	Date (D/M/Y)	Committee
<b>96</b>	<b>Urban Forum (Malaysia) Sdn Bhd</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	Soft Launch HBE ASIA	Ir. Al-Khairi bin Mohd. Daud	1/1.	19/2/16	BSTD
		Soft Launch HBE ASIA	Ir. Al-Khairi bin Mohd. Daud	1/1.	19/2/16	BSTD
			Ir. Al-Khairi bin Mohd. Daud	1/1.	28/3/16	BSTD
		HBE Asia 2016	Ir. Al-Khairi bin Mohd. Daud	1/1.	20-22/9/16	BSTD
		ASEAN M&E Show 2016	Ir. Gunasagaran Kristnan	1/1.	23/5/16	PPC/ HTETD
<b>97</b>	<b>Westrade Group Ltd.</b>					
	Conferences / Events / Forums / Lectures / Seminars / Talks / Trainings / Workshop:	VIP Delegate for Trenchless Asia Conference & Exhibition	Ir. Neo Boon Kheng	1/1.	9-10/5/16	TUSTD
			Mr. Ilanchelvan	1/1.		TUSTD
			Polanippan, Grad. IEM			
			Ir. Reuben Lamack	1/1.		TUSTD



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 Jalan Timur for years until Bangunan Ingenieur is completed.
Allahyarham Raja Tan Sri Ir. Zainal bin Raja Sulaiman	Founding Member and 2nd 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

**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

**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

**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)</i>	2016
2015	<i>Jabatan Pengairan dan Saliran Malaysia (JPS)</i>	2016

**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

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 Peranannya 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 Transist Ringan di Lembah Klang  
(For the Construction of the Light Rail Transit Systems in the Klang Valley)



**Year Recipients and Projects**

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

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**

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

PENGANUGERAHAN IEM ATAS SUMBANGAN TERHADAP  
INDUSTRI KEJURUTERAAN DALAM MALAYSIA

IEM AWARD FOR CONTRIBUTION TO  
ENGINEERING INDUSTRY IN MALAYSIA

**PAST RECIPIENTS**

**Year Recipients and Projects**

<b>2015</b>	Utility Water Construction Engineering Property Development	Tenaga Nasional Berhad Salcon Sunway Construction Berhad IJM Land Berhad
<b>2016</b>	Wastewater Management Transportation Energy Property Development Water	Ekovest Berhad Gamuda Berhad Pestech International Berhad Sunway Integrated Properties Sdn Bhd Taliworks Corporation Berhad

**ANUGERAH MERIT KHAS**

**IEM SPECIAL MERIT AWARD**

**PAST RECIPIENTS**

**Year Recipients and Projects**

<b>2013</b>	<b>Minconsult Sdn. Bhd.</b> For the successful completion of the Malaysia's first state of the art automated mail processing hub.
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PENGANUGERAHAN KEJURUTERAAN WANITA IEM

**IEM WOMAN ENGINEER AWARD**

**PAST RECIPIENTS**

**Year Recipients and Projects**

<b>2005</b>	Y.Bhg. Dato' Ir. Prof. Dr Siti Hamisah bte Tapsir
<b>2006</b>	Ir. Ong Kik Hong
<b>2007</b>	Ir. Prof. Dr Siti Hawa bte Hamzah
<b>2009</b>	Y.Bhg. Datuk Ir. Rosaline Ganendra
<b>2013</b>	The Late Ir. Molly Sim Lim Hong
<b>2014</b>	Ir. Magdalene Tan Lee
<b>2015</b>	Ir. Assoc Prof Hayati bt Abdullah
<b>2016</b>	Ir. Assoc. Prof. Dr Norlida bt Buniyamin



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
2000	Projek Usahasama Transit Ringan Automatik Sdn Bhd (PUTRA) ( <i>Organiser – Vietnam Union of Science and Technological Associations</i> )[VUSTA] The Construction of the Light Rail Transit System 2 - awarded in Hanoi, Vietnam
2001	Y.Bhg. Tan Sri Dato' Hj. Ir. Zaini bin Omar ( <i>Organiser – Pertubuhan Ukur, Jurutera an Arkitek</i> )[PUJA] - awarded in Bandar Seri Begawan, Brunei Darussalam
2001	Y. Bhg. Academician Dato' Ir. Lee Yee Cheong ( <i>Organiser – Pertubuhan Ukur, Jurutera dan Arkitek</i> )[PUJA] - awarded in Bandar Seri Begawan, Brunei Darussalam
2002	Y.Bhg. Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah ( <i>Organiser – Engineering Institute of Cambodia</i> )[EIC] - awarded in Phnom Penh, Cambodia
2005	MEI Consultants Sdn Bhd ( <i>Organiser – Laos Union of Scientists and Engineers Association</i> )[LUSEA] On The Successful Design and Completion of Stevian Biotechnology Facilities in Enstek, Negeri Sembilan - awarded in Vientiane, Lao PDR
2006	Perunding Mahir Bersatu Sdn Bhd jointly with Sinclair Knight Merz Engineering Sdn Bhd ( <i>Organiser – The Institution of Engineers, Malaysia</i> )[IEM] On The Structural Design of Putrajaya International Convention Centre - awarded in Kuala Lumpur, Malaysia
2006	Fraser and Neave Berhad ( <i>Organiser – The Institution of Engineers, Malaysia</i> )[IEM] For Zon-e @ Fraser Biz Park Development - awarded in Kuala Lumpur, Malaysia



**Year Recipients and Projects**

- 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 Banjar & 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  
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  
On the successful Design and Construction of the Pahang-Selangor Raw Water Transfer Project  
- awarded in Penang, Malaysia
- 2015** Perbadanan Bekalan Air Pulau Pinang Sdn Bhd  
On the Successful Design and Construction of the Sungai Dua Water Treatment Plant  
- awarded in Penang, Malaysia
- 2015** Jabatan Bekalan Air KETTHA and Angkasa Consulting Services Sdn Bhd  
For Outstanding Achievement in managing the Challenges in the Design, Construction and Supervision of Mengkuang Dam Expansion Project  
- awarded in Penang, Malaysia
- 2015** Y.Bhg Dato' Wong Siew Hai  
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

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

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 57TH ANNUAL GENERAL MEETING OF THE INSTITUTION OF ENGINEERS, MALAYSIA  
HELD ON 16 APRIL 2016 AT TAN SRI PROF. CHIN FUNG KEE AUDITORIUM,  
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, YBhg. Dato' Ir. Lim Chow Hock thanked and welcomed members present at the 57th AGM. He then informed that three different rooms were being used for the AGM, namely the Tan Sri Prof Chin Fung Kee Auditorium located on the 3rd Floor, which would be the main room, the C&S/TUS Lecture Room on the 2nd floor and lastly the Malakoff Auditorium on the ground floor.

The President further informed that video conferencing would be held in the two rooms on the ground floor and second floor respectively (*Malakoff Auditorium and C&S/TUSTD Lecture room*).

The President also mentioned that Secretariat staff were stationed in each of the rooms to assist members during the AGM. The President then requested members to provide their names and membership numbers during the Q&A session for record purposes.

The AGM was updated on some of the events that took place for the session.

**1.2 Demise of Past President**

The AGM was informed of the passing of Ir. Chiam Teong Tee (Ir. T. T. Chiam), IEM Past President on 30 January 2016. The President requested all members to observe one minute of silence as a mark of respect.

**1.3 IEM New Logo**

The President introduced the new IEM Logo with the letterings IEM beside the Crest and the new tagline "Internationalising Engineers' Mobility". The intention of the improved logo was to make the IEM crest more recognisable.

**1.4 Signing of Memorandum of Understanding (MoUs)**

The AGM was informed that IEM had recently signed two (2) MoUs with overseas engineering institutions, i.e. with The Institution of Engineers, Bangladesh and The Institution of Engineers, India during the session.

Another six (6) MoUs were signed with Universities and Institutions of Higher Learning, bringing the total Memorandum of Understanding (MoUs) signed with Institutions of Higher Learning (IHL) to sixteen (16). The MoUs signed during the session with IHLs included Universiti Kebangsaan Malaysia (UKM), Universiti Teknologi Malaysia (UTM), Taylors University, Politeknik Sultan Hj Ahmad Shah (POLISAS), Universiti Sains Malaysia (USM) and University of Malaya (UM)

The President added that IEM had also signed MoU with Majlis Perbandaran Hang Tuah Jaya (MPHTJ) to conduct joint activities such as public awareness programmes and assisting the local council in providing better engineering services and amenities to the community.

On the corporate sector side, IEM is also initiating partnerships with industry on membership drive. The first MoU with industry was signed with MMC Corporation Berhad (MMC). The MoU would pave the way for IEM to facilitate organising workshop sessions and to upgrade the competencies of MMC engineers to become M.IEM/P.Eng., as well as to collaborate with MMC in areas of mutual interest.

**1.5 Active Engagement with Government Bodies and Local Authorities**

The President further reported that IEM was also currently involved with other Government agencies mainly to forge collaborations with various departments on issues concerning engineering. Such agencies included MATRADE, MITI, SIRIM, Standards Malaysia, CIDB, CREAM, DOSH, DBKL, Energy Commission, KPKT etc. IEM's Branches also actively engaged with their respective local councils and authorities by sitting as Committee members on numerous state Councils and Special State Committees.

IEM also continued to have close rapport with other Professional Bodies.

**1.6 Media Engagement and Coverage**

The AGM was informed that IEM continued to be active in providing press releases and press statements on various engineering issues and matters of national interest. A total of eleven (11) press statements were issued and 26 press clippings were published in the media, and all were uploaded onto the IEM Web Portal.

**1.7 Conferences and Activities**

IEM also organised CAFE033 in Penang from 23 - 26 November 2015. IEM Penang Branch was appointed to host the conference on behalf of IEM. The Branch had performed remarkably in organizing the conference which also included meetings of the AFEO Governing Board, Woman and Young Engineers programmes, networking dinners and technical visits. The conference was officially opened by Tun Dato' Seri Utama (Dr.) Hj Abdul Rahman bin Haji Abbas, Tuan Yang Terutama Penang and attended by more than 1200 delegates. The President also congratulated the Organising Chairman, Ir. Paul Phor for organising the successful event.



IEM organised three other major conferences and 154 evening talks, 77 courses, workshops and seminars as well as 48 technical visits during the last session.

#### 1.8 Membership

The AGM was informed that IEM membership increased from 36,000 (reported at the 2015 AGM) to 40,118 at this AGM.

The President congratulated the Sub Committee on Membership Drive and Promotions (MDP) headed by Ir. Dr. Cheong Thiam Fook for the substantial increase in membership.

Concerted efforts were put in to gear towards achieving 100,000 members by the year 2020. The President expressed his appreciation for the relentless effort of all Committee involved as well as the Secretariat in the increased activities of the Institution.

#### 1.9 IEM Building Fund

The President also appealed to members to continue contributing towards the Building Fund as the Institution still have an outstanding loan of more than RM3 million.

### 2.0 CONFIRMATION OF MINUTES OF 56th ANNUAL GENERAL MEETING HELD ON 16 APRIL 2014

2.1 The President then invited members present to go through the minutes of the previous AGM which was printed on pages 67 to 77 of the Annual Report as well as the Bahasa Malaysia version which was on pages 82 to 94.

Since there were no errors highlighted from the minutes, Ir. Yap Soon Hoe (F04086) proposed that the minutes of the 56th Annual General Meeting held on 18 April 2015 be confirmed and adopted. The motion was seconded by Ir. Jayaseelan Nadrajah (F14445).

### 3.0 MATTERS ARISING

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

*Page 70 – 4.15.3*

*KPIs for Technical Divisions*

The President reported that under KPIs for Technical Divisions, the Standing Committee on Activities now have an agenda to monitor the performance of all the Technical Divisions. In 2015, all Technical Divisions were performing well and met most of their targets.

### 4.0 ANNUAL REPORT FOR SESSION 2015/2016

The President then invited the Honorary Secretary, Ir. Yam Teong Sian to present the various activities and events organised in 2015.

#### 4.1 Council and Excomm

For the session 2015/2016, a total of five (5) Council meetings were held. The Council at their meetings discussed matters related to IEM policies and made decisions on matters pertaining to the running of the Institution. Excomm had thirteen (13) meetings for session 2015/2016 and the role of Excomm was to implement and carry out the decisions of the Council.

#### 4.2 Membership

The AGM was informed that for 2015, a total of 11,708 candidates were approved for admission/election/transfer to the various grades. Out of the new members recruited, 9,231 were students. However, 4,403 members were in arrears of subscriptions and needed to be suspended at the end of the year.

It was also reported that there had been a steady growth of membership since the Standing Committee on Admissions and Practical Training (APT) embarked on the membership drive and recruitment efforts.

In addition, it was noted that Civil engineering discipline had the highest number of members at 13,790 followed by Mechanical (9,973), Electrical (6,414), Electronic (3,743) and Chemical (2,742).

#### 4.3 International Registers

For the international registers and affiliations, it was recorded that for the year 2015, 17 members had signed up as ASEAN Engineers (ASEAN Eng) and 23 were approved as Associate ASEAN Engineers (AAE) while 35 were approved for APEC / International Engineer Registers (IntPE).





#### 4.4 Examinations and Qualification

The AGM was further informed that for session 2015/2016, a total of 571 applied to sit for the Professional Interview (PI). The number of candidates who failed the PI was 106 which made up a failure rate of 18.5%.

It was noted that the enhanced PI Process will be implemented on trial basis in 2016. The Ad Hoc Committee had conducted four (4) training and certification workshops at HQ in 2015. Similar workshops would be conducted at all IEM Branches in 2016.

The IEM/BEM Graduate Examination was conducted for the last time in October 2015 and with effect from 2016, the examination which started in May 1978 would be discontinued.

#### 4.5 Information and Publications

The Honorary Secretary informed the AGM that twelve (12) issues of the “Jurutera” – IEM Bulletin were published in 2015. The number of pages was increased to include more news and information. It was further reported that one (1) issue of the Journal was published in 2015.

Three (3) articles on History of IEM - acquisition of Wisma IEM, was published in the Bulletin in 2015. A note of appreciation was recorded to YBhg Dato’ Ir. Pang Leong Hoon for his work going through the records in IEM to produce the articles.

#### 4.6 IEM Library

The AGM further noted that the IEM Library currently had a collection of 6,711 printed book titles covering a variety of disciplines. Since the introduction of the e-Book in 2014, IEM had a collection of more than 110 titles. All members are encouraged to make use of this feature which is available in the portal. New book collections would be announced regularly through the IEM portal as well as the Bulletin.

#### 4.7 Activities

The Honorary Secretary highlighted that organising activities had been IEM’s priority for the members especially to assist them in satisfying the CPD requirements of BEM. Approximately 300 talks, visits and courses were organised during the session. IEM also organised a number of international conferences, competitions and social events.

Some major events that IEM organised included CAFEO 33, WE Summit 2015, IEM-IET Electrical Conference, 11th Malaysia Chem-e-Car Competition and CIDB-IEM Construction Career Fair.

#### 4.8 Upcoming Events

The AGM noted the upcoming events such as the 57th IEM Annual Dinner and Awards Night at Sunway Resort Hotel & Spa, the IEM 2016 Family Day on 18 May 2016 at Persada Plus, ASEAN M&E Show from 23-25 May 2016, SEAGC 2016 at Dorsett Grand Subang from 31 May – 3 June 2016, IEM Golf Tournament in June 2016, IEM Engineering Week from 14 – 21 August 2016, E-Run on 14 August 2016 and the Asian Congress on Fluid Mechanics from 21 – 24 November 2016 in Kuching, Sarawak.

#### 4.9 Presidential Award of Excellence

The Honorary Secretary then announced the results of the 2015 Presidential Award of Excellence as follows:

<i>Winner</i>	<i>Mechanical Engineering Technical Division</i>
<i>2nd Place</i>	<i>Electrical Engineering Technical Division</i>
<i>3rd Place</i>	<i>Women Engineers Section</i>
<i>4th Place</i>	<i>Geotechnical Engineering Technical Division</i>
<i>5th Place</i>	<i>Chemical Engineering Technical Division</i>
<i>Most Improved</i>	<i>Tunnelling and Underground Space Technical Division</i>

#### 4.10 IEM Form of Contract

The AGM was also informed that under IEM Form of Contract, road shows were conducted to promote the two revised editions of the IEM Form of Contracts i.e;

- (i) IEM.CE 2011 – IEM Form of Contract for Civil Engineering Works (Second Edition, July 2011); and
- (ii) IEM.ME 2012 – IEM Form of Contract for Mechanical and Electrical Engineering Works (Second Edition, 2012)

#### 4.11 Fire Advisory Board (Sub Committee of Standing Committee on Professional Practice)

The Honorary Secretary reported that the Fire Advisory Board (FAB) had compiled circulars and latest guidelines produced by the Local Authority e.g. BOMBA. This effort was a service to members to provide informative news and circulations through the IEM Website (currently parked under the “Publications” Sub-Section under the “Authorities Having Jurisdiction (AHJ)”.





#### 4.12 Affinity Programme And Corporate Discounts

A new agreement had been signed with CIMB to replace the Affinity Programme which IEM had with Direct Access. Members were encouraged to use these cards as there would be benefits provided to IEM.

In addition, IEM also obtained Corporate Discounts from PJ Hilton and Armada Hotel as well as MPH Book Stores and BP Lab for health screening tests.

#### 4.13 Disaster Relief Team

The Honorary Secretary continued to report that IEM would be forming a Disaster Relief Team that could be deployed to help in times of disaster. Twenty (20) members were shortlisted to receive training from MERCY and RedR.

#### 4.14 Memorandum of Understanding

MoUs signed during the year 2015/ 2016 with Professional Bodies, Local Councils and IHLs were as follows :

- i) The Institution of Engineers, Bangladesh – signed on 31 January 2015
- ii) The Institution of Engineers, India – signed on 14 June 2015
- iii) Majlis Perbandaran Hang Tuah Jaya (MPHTJ) – signed on 28 April 2015
- iv) Asia Pacific University of Technology (A.P.U) – signed on 9 January 2015
- v) Universiti Kebangsaan Malaysia (UKM) – signed on 22 January 2015
- vi) Universiti Teknologi Malaysia (UTM) – signed on 31 March 2015
- vii) Taylor's University – signed on 1 July 2015
- viii) Politeknik Sultan Ahmad Shah (POLISAS) – signed on 9 September 2015
- ix) Universiti Sains Malaysia (USM) – signed on 16 December 2015

#### 4.13 IEM Branches

The AGM was informed that IEM Penang Branch had successfully organised CAFE033 with more than 1000 participants. IEM Southern Branch was very active in Student member recruitment with more than 2,000 students recruited in 2015 alone.

IEM Sabah Training Centre at Kota Kinabalu Industrial Park was officially opened in June 2016. IEM Sabah Branch also organised the IEM Engineering Run with record breaking participation of 2,000 runners.

IEM Sarawak Branch also had a very active and fruitful year with more than 800 guests and attendees at their Annual Dinner. IEM Miri Branch's Annual Dinner on 5 March 2016 also garnered a lot of interest with very good coverage by the media including RTM's TV1.

All other Branches were also doing their very best to organize technical talks, visits and courses for the benefit of their members.

Since there were no comments or questions from the floor, Ir. Dr Ooi Teik Aun (Hon.F01249) proposed that the Annual Report be adopted. The motion was seconded by Y.Bhg. Academician Tan Sri Dato' Ir. (Dr) Hj. Ahmad Zaidee bin Laidin (Hon. F01019).

### 5.0 ACCOUNTS FOR THE YEAR ENDED 31 DECEMBER 2015

5.1 The President then invited the Honorary Treasurer, Ir. Prof. Dr. Jeffrey Chiang Choong Luin to present the financial statements for The Institution of Engineers, Malaysia for the period 1 January 2015 to 31 December 2015.

5.2 The Honorary Treasurer informed the AGM that the financial statement comprised of two (2) sets of accounts where the column denoted by "Institution" referred to the financial performance of IEM HQ and that these figures did not include the financial position of the IEM Branches. The AGM was further informed that the IEM Branches would file their own set of financial statements with the IRB of their respective States.

He further informed that the columns denoted by "Group" referred to the consolidated accounts of both IEM HQ and IEM Training Centre Sdn Bhd.

5.3 The Honorary Treasurer reported that on the overall, the Institution made a surplus of RM493,872 in 2015 compared to RM901,929 in 2014. He further informed that the surplus of over RM900,000 in 2014 was mainly due to the one-off dividend of RM500,000 issued by IEM Training Centre Sdn Bhd.

5.4 Annual subscriptions receivable was RM3,446,637 in 2015 compared to RM3,513,348 in 2014 which indicated a drop of 2% in the total Annual Subscription Receivable.

The Annual Subscription in Arrears for 2015 was RM577,058 compared to RM702,445 in 2014 while the Annual Subscription Collection for 2015 had increased to RM2,869,579 as compared to RM2,812,903 for the year 2014. This indicated an increase of 2%.



5.5 The AGM was further informed that the total income for 2015 had increased by 1.4% to RM6,226,839 compared to RM6,139,098.00 in 2014. It was also noted that the main contributor was annual subscriptions at 55.4%, followed by rental income 28.9%, credit card commission 1.3%, dividend 1.6% and income from the Technical Divisions 5.1%.

5.6 The Honorary Treasurer informed that the total expenses for 2015 was RM5,732,967 compared to RM5,237,169 in 2014 which indicated an increase of 9.5%.

5.7 The increase in expenses was mainly from Personnel Emoluments increased by 11.5% and Administrative Expenses increased by 28.4%.

The increase in the administration expenses was due to increase in office printing and stationery as well as mailing expenses and postage due to the increase in membership.

5.8 The President thanked the Honorary Treasurer for his report and informed that the Financial Statement was printed on pages 178 to 198. The President then proceeded to invite questions from the floor.

#### 5.10 Questions Session – Accounts

5.10.1 Ir. Gary Lim Eng Hwa (M08898) sought clarification from the Honorary Treasurer with regard to the bulding expenses of RM838,477.

There were however comments from the floor that Ir. Gary Lim as a Council member should have raised the question earlier at the Council Meeting and not at the AGM. Ir. Gary Lim nevertheless commented that the figures were not presented during the Council Meeting.

The query was then posted again by Ir. Ung Ah Hock (M12218).

The Honorary Treasurer informed that the same figure and accounts were presented at the Council Meeting on 21 March 2016 and the amount shown included the interest paid for the loan taken, depreciation for Wisma IEM as well as building maintenance and other incidental expenses.

5.10.2 Ir. CMM Aboobucker (M13942) sought clarification on the Analysis on Expenses in 2015 showing that the Building Maintenance expenses had reduced by 9.7% and whether it was due to depreciation.

The Honorary Treasurer responded that the amount shown referred to reduction in building maintenance expenditure.

5.10.3 Y.Bhg Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691) pointed out an error on page 178 where there was a duplication in paragraph six and seven. The AGM noted the error and duplication.

5.10.4 Y.Bhg Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691) further pointed out that the amount of annual subscriptions receivable amounting to RM3,446,637 referred to subscription which IEM expected to collect and that there was arrears of RM577,058 at the end of the year. He voiced his concern over the huge sum not collected.

The Honorary Treasurer thanked Y.Bhg Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah for his comment. He then informed the AGM that two reminders were sent each year to remind members to pay their subscriptions and Secretariat had also been calling members who have yet to pay the annual subscriptions and remind them to settle their arrears. This exercise had been done every year in order to close the gap between the receivable and actual amount collected.

5.10.5 As there were recurring expenses for upgrading and maintenance of the building every year, YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) proposed for IEM to consider setting up set up a sinking fund.

The President responded that currently IEM did not have such sinking funds but the proposal will be considered and tabled at the Council for further discussion.

5.10.6 Ir. Awangku Hidup bin Awangku Hosain (F03053) proposed that IEM consider to have something similar to the Presidential Awards for the Branches. He pointed out that currently, the Branches rely heavily on the Branch Subsidies paid out by HQ. By initiating such competition, the Branches would be encouraged to be more active and at the same time generate more income.

The President thanked Ir. Awangku Hidup bin Awangku Hosain for his proposal and informed that the request would be presented for the next Excomm to consider.

5.10.7 Ir. Ung Ah Hock (M12218) queried on Analysis on Expenses in 2015 under the item Finance Costs which had shown a drop of 68.5%. He raised the question that expenses on the building was about RM1 million and requested for a breakdown.

The Honorary Treasurer informed that the reduction in finance cost of 68.5% was due to the reduction in interest payable in view of the repayments which IEM had made on the principal sum.

The Accountant further explained and referred to page 187 (item 9 - borrowings) that shown the loan repayable had been reduced (dropped) from RM5,958,590 in 2014 to RM3,220,260 in 2015. This has resulted in a drop of 68.5% in finance cost.



5.10.8 As there were no further questions from the floor, Ir. Yong Kee Chiang (F01922) proposed the adoption of the Statements of Accounts for IEM for the year ended 31 December 2015. The motion was seconded by Ir. Yap Soon Hoe (F04086). The AGM then adopted the Financial Statements.

## 6.0 EDUCATION FUND FINANCIAL STATEMENT – 31 DECEMBER 2015

6.1 The Honorary Treasurer then continued to report on the Financial Statements of the Education Fund for the year ending 31 December 2015 from page 199 to page 205.

6.2 The AGM was informed that donation received amounted to RM54,757 in 2015 compared to RM33,213 in 2014. The Fixed Deposit Interest earned amounted to RM37,087 compared to RM34,525 in 2014.

The Honorary Treasurer thanked all members for the donations contributed for the year 2015.

On the expenditure side, the Honorary Treasurer reported that scholarship given out in 2015 was RM40,500. He further informed that other expenses were for subsidising talks amounting to RM37,364; Overseas Conferences RM30,932 and Student Section Subsidy RM 3,500.

6.3 The Honorary Treasurer concluded the Education Fund report by informing that there was a deficit of RM29,379 on the overall performance for the year ending 31 December 2015. As the Education Fund is a tax exempt fund, the account had to comply with the Inland Revenue Board's (IRB) requirement to spend at least 50% of the income in the previous year. This requirement was complied with in 2015.

6.4 The President then thanked the Honorary Treasurer for his presentation on the Education Fund and then requested for comments or queries from the floor. Since there were no comments, Ir. Tan Koh Yon (M11075) proposed that the Education Fund accounts be adopted. The motion was seconded by Ir. Jagathisen s/o Siva Perumal (M05107). The AGM unanimously adopted the Education Fund accounts.

## 7.0 DISCUSSION ON WRITTEN ISSUES FROM MEMBERS OF WHICH WRITTEN NOTICE WAS SUBMITTED

The President informed that IEM had received three (3) resolutions from members to be tabled at the 57th Annual General Meeting. The resolutions were as follows:

### 7.1 1. Resolution No. 1 – proposer : Ir. Gary Lim Eng Hwa (F08898)

**“Excomm and Council of IEM to abide by the directive from Board of Engineers, Malaysia not to use Engr. and not to take legal proceedings to challenge the Board of Engineers, Malaysia directive on the use of Engr.”**

7.1.1 The President provided a short explanation on the background of the “Engr.” issue. The AGM was informed that the issue on “Engr.” had been a long standing matter. IEM had requested for intervention of the Minister of Works, whereby the Minister had arranged a dialogue between IEM and BEM. The Minister of Works then came to a conclusion for the matter to be brought up to the Attorney General's Office for his views on the interpretation of the Registration of Engineers Act pertaining to this issue.

IEM Council at its meeting on 21st March 2016 had agreed to abide by the Minister's decision until the AG's office provide their opinion before deciding on the next course of action.

In response to the Minister of Works request, IEM had, upon the decision of Council, issued a circular to all members to stop using the “Engr.” pending decision from the AG's office via email blast on 26th March and thereafter, posted on the front page of IEM website. A circular was also sent together with the April 2016 Jurutera. The President reiterated that IEM had taken all necessary administrative measures.

However, IEM received a resolution from Ir. Gary Lim Eng Hwa for IEM to follow the directive of the BEM and at the same time not to take any legal action on the issue.

7.1.2 The President then invited Ir. Gary Lim Eng Hwa to present his resolution before discussion by the AGM.

7.1.3 Ir. Yap Soon Hoe (F04086) expressed that it was not right for Ir. Gary Lim to present the resolution to the AGM as he is part of the Council and he has to abide by the decision made by the Council. He reiterated that the issue had been deliberated in the Council Meeting in March and a Council decision has been made.

However, on consultation with the AGM, the President allowed Ir. Gary Lim to proceed with presentation of his resolution.

7.1.4 Ir. Gary Lim informed that IEM works on consensus, thus when a member is out voted on a certain issue, his proposal would not be taken up. He further pointed out that he has a right as a general member for his opinion to be heard. He then informed the AGM that the issue involved legal actions and the legal fee may cost up to RM500,000. The legal process with Board of Engineers, Malaysia (BEM) will consume time, finance and resources. He stated that the process would involve legal cost; which therefore involve IEM members as IEM funds belong to the members.

He requested to put on record that IEM Excomm has proposed *“to exhaust all legal process to seek confirmation whether IEM can or cannot use “Engr.” title.”* However, during the subsequent Council meeting, the issue was deliberated and put to vote and the decision of Council was *“IEM to wait for the AG's chamber to make its decision and then deliberate on the next course of action to be taken”*.



He further elaborated that if Council had not made the decision, Excomm would have proceeded with the decision to exhaust all legal process and the provision of funds for legal action to be taken would have been utilised.

- 7.1.5 Ir. Gary Lim reiterated his earlier explanation and also pointed out that IEM does not have ownership of the “Engr.”. He also stated that IEM was unable to register the title “Engr.” and as such, the title does not belong to IEM.

He further informed the AGM that there was a case of a non-IEM member who used the title “Engr” and later changed it to “Eng.” which caused confusion to the public.

- 7.1.6 The President informed that the Council had followed the directive of the Minister of Works to wait for the decision from the AG’s office. Members present at the AGM were then invited to give their views.

- 7.1.7 YBhg. Dato’ Ir. Pang Leong Hoon (Hon.F00015) commented that the remarks from Ir. Gary Lim may not be accurate as it has given the impression that the Council Members were irresponsible or the Excomm was irresponsible.

He added that the Constitution allowed the Excomm to act on behalf of the Council in between meetings of the Council. The Council can deliberate and overrule any decision of the Excomm, where necessary. He pointed out that the working of the Excomm and Council was different from Ir. Gary Lim’s perception.

He further commented that IEM members are professionals and the issue should be resolved professionally instead of assuming that there would be a group of people who would oppose the resolution.

- 7.1.8 Ir. Ung Ah Hock (M12218) expressed concern with the presentation that stated ‘*Council agreed to abide by the Minister of Works’ decision not to use Engr. until we receive outcome from the AG’s office before deciding on the next course of action*’. He queried on what would be the next course of action.

The President responded that the Council had not decided yet and the next course of action would depend on the outcome from the AG’s office. The next course of action might include options such as accept the decision of the AG’s Office or to appeal if the decision is not favourable to IEM. However, he informed that Council had not made any decision on the matter yet.

- 7.1.9 Ir. Ung Ah Hock (M12218) pointed out that in the eventuality that Council decided to proceed with legal action later, then members would not be aware of the decision. He further added that taking legal action would be costly and this allocation can be better utilised for the IEM Building Fund.

- 7.1.10 Ir. Lai Sze Ching (F04687) provided explanation on the legal cost as mentioned by Ir. Gary Lim earlier.

Ir. Lai informed that if IEM were to proceed with legal action, it will involve seeking a declaratory or court order on the interpretation of the Act. The legal cost for this would not exceed RM40,000 and the Council had previously approved a budget of RM100,000. As for the case to be brought to high court thereafter, it had not been discussed or decided yet.

- 7.1.11 Ir. Chong Pick Eng (P.E Chong) (HonF01214) highlighted that he is a qualified lawyer and would like to clarify the legal actions highlighted by Ir Gary Lim.

Ir P.E Chong explained that IEM’s proposed legal action was to apply for a “Declaratory Order”, which is an *ex parte* decision. An *ex parte* decision is one decided by the judge without requiring all of the parties to be present. Therefore, the Declaratory Order is a non confrontational approach.

The Declaratory Order is an approach to obtain an interpretation of the Act from the court before IEM made any decision to proceed or not.

The legal action involved various level of courts and different hierarchy of judges. He further clarified that Ir Gary Lim’s assumption of RM 500,000 is not justified as the cost of the legal action varies according to the level of courts such as High Court or Court of Appeal.

- 7.1.12 Ir. Lee Weng Onn (F08103) then expressed that it is not right to say that, ‘IEM is fighting over nothing’ as raised by Ir. Gary Lim.

Ir. Lee further explained the need for the “Engr.” title. He added that the Graduate Members were very proud to use the title and the title had been a great pride among Graduate Members. He added that the title has encouraged the recruitment of many Graduate Members.

- 7.1.13 Ir. Tengku Salehudin bin Tengku Bakar (M12504) expressed his concern on the cost implication if the Council or Excomm decided to pursue with legal action later on, if the final outcome is negative. He added that IEM members may want to have a say on this matter, as the cost may not be a small amount.

Ir. Lee Weng Onn then explained that the Council had approved RM100,000 budget and if this amount were to be divided by 40,000 members, it would only cost each member RM 2.50.



7.1.14 Ir. Ung Ah Hock (M12218) disagreed with the comment that the cost incurred by each member is only a small amount. He was of the opinion that the matter should be weighed as to whether it was worthwhile to spend the money on the "Engr." title. He felt that due consideration should be made whether the legal cost is justified. He suggested that the budget allocated be used for other purposes such for the repayment of IEM building loan.

7.1.15 Y.Bhg Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01619) pointed out that the proposed resolution by Ir. Gary Lim was that IEM should not take legal proceeding as this involved IEM members' money to fight for a title that IEM do not have an exclusive ownership. He added that Ir. Gary Lim's resolution however, does not stop IEM from taking any other actions with regard to the "Engr." title such as appealing to the higher authority. He clarified that the concern of Ir. Gary Lim was that legal proceeding may cost IEM money which will eventually be borne by IEM members.

7.1.16 Y.Bhg. Academician Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin (Hon.F01019) expressed that he initially was against the idea of fighting for the "Engr." title. However he changed his stand after seeing the proud reaction of parents when their children are able to use the title "Engr.". He saw that there was perception of value from the engineering graduates to use the title. Thus, the idea of using the "Engr." title should be continued and pursued.

He further added that the Minister who is also a lawyer had promised to look at the matter and thus, IEM would have to wait for the decision. There would still be room for appeal if the decision by the Minister of Works is not favourable. There were other approaches beside legal proceeding such as negotiating with BEM for them to allow IEM to continue using the title.

7.1.17 Ir. Lee Weng Onn (F08103) reiterated and informed that with the budget approved of RM100,000, the members are only paying RM2.50 per person. He felt that this amount is small compared to the pride of the Institution which is priceless.

7.1.18 Ir. Ng Yong Kong (M05043) commented that he had arrived late when the Council decided on the matter. In his opinion, IEM should wait for the decision from the AG's Office before proceeding further. IEM should try to solve the issue without any cost implication. Similar to other members who had given their views, his opinion was that the budget allocated should be used for the building fund.

7.1.19 Ir. Ung Ah Hock (M12218) expressed and proposed for those who would like to continue pursuing with legal actions, the cost should be borne by themselves, not by IEM.

7.1.20 Ir. Lee Choy Hin (F05271) commented that the discussion thus far had delved on the issue of money. He felt that IEM need to advise members on what is the approach and whether the title is significant enough to proceed with legal action. The members should take into account the legal costs in deciding on this issue. As all other views had been discussed, he proposed that members at the AGM should take a vote whether IEM should proceed with legal action instead of further debating on the matter.

7.1.21 YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) pointed that such an important resolution should be properly put into the Agenda. He felt that to have impromptu resolutions and voting was not proper. He added that if necessary, then IEM need to call for a Special General Meeting (SGM). The members should be given time to deliberate whether they are agreeable to the decision. He proposed that this resolution should be discussed and reconsidered.

7.1.22 Ir. Gary Lim reiterated that he had submitted his resolution on time before the deadline on 1st April 2016.

7.1.23 The President responded that the AGM had heard all the views from the members and as explained earlier, the IEM Council at its meeting on 21st March 2016 had agreed to abide by the Minister's decision until the outcome from the AG's office before deciding on the next course of action. On IEM's part, necessary administrative measures would need to be taken.

He also reiterated that the Council felt it was too premature for any legal action until a decision by the AG's office. He added that the AG also might not make a decision but request for both parties to send their legal representative to present their case. The Council will decide on what to do when this happens. He added that the members have to be rational and to trust the Council.

The President then requested members to vote on whether to accept the resolution from Ir. Gary Lim.

7.1.24 YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) reiterated and expressed that he was not in favour and disagreed if the decision was to be taken or decided on that day. He still felt that the resolution should be written fully as an item on the Agenda. He further commented that it does not mean that those who had attended the AGM have the right to make decisions. He felt that by right, it should be via referendum in order to allow all members to vote and have a say. It cannot be decided only by members at this AGM.

7.1.25 Ir. Vincent Chen Kim Kieong (Hon.F05128) commented that the whole issue was about interpretation. BEM was interpreting Clause 7 (aa) (ii) of the REA, that by using "Engr." it may reasonably be construed to imply that the person is a Professional Engineer. However, the Council disagreed with this interpretation.

He explained that if a Graduate Member use the title "Engr." it must be used in conjunction with the post-nominal of "Grad. IEM" for members who are not Professional Engineers. He added that IEM was not trying to deceive the public, but to give the right status to enhance the engineer's profession. Members were reminded that IEM was not trying to challenge BEM's decision, but only asking the court for an interpretation.

He added that the Council had already decided to wait for the decision from the AG's office before making any decision and members need to wait and trust the wisdom of the Council.





The proposal is only to obtain a 'Declaratory Order' from the court which may or may not be in IEM's favour. If it is not favourable, the Council would decide again.

Nevertheless, since there was already a resolution, the only way to solve and decide this resolution was for IEM to convene a Special General Meeting (SGM).

Ir. Vincent Chen Kim Kieong then proposed for a Special General Meeting (SGM) to be held to discuss this resolution. He added that for this Special General Meeting (SGM), a proper notice should be circulated to members.

7.1.26 The President then requested for a seconder as there was a motion for IEM to convene a Special General Meeting (SGM). The President requested for members to decide whether to vote or to proceed with the Special General Meeting (SGM).

7.1.27 Y.Bhg Datuk Ir. Rosaline Ganendra (F06033) pointed out that the matter was an agenda item and as such, the AGM should not vote to convene a Special General Meeting (SGM). She reiterated that there was already a written resolution with proper proposer and seconder and proper notice had been given. Proper procedures had been followed.

She was of the opinion that the AGM should continue with the vote on whether to proceed or not with the legal proceeding. She added that in accordance with the Constitution and Bylaws, there is no choice but to vote. Should there be members who were not agreeable with the result from the AG's office later, they could requisite for a Special General Meeting (SGM).

7.1.28 Ir. Vincent Chen Kim Kieong disagreed with the comment from Y.Bhg Datuk Ir. Rosaline Ganendra that proper notice had been given. He informed that although Ir. Gary Lim had submitted his resolution, the majority of the members were not aware of the contents of the resolutions.

7.1.29 Y.Bhg Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon. F01619) commented that the resolutions were submitted before the deadline but the Secretary had failed to circulate to the members.

He added that for the Special General Meeting (SGM), the notice should be circulated to the Corporate Members at least twenty-one (21) days before such meeting. He then referred to the Constitution, page 30, item 7.8 as below;

*Special General Meeting*

*7.8 The notice for the Special General Meeting shall be circulated to the Corporate Membership at least twenty-one (21) days before such meeting. Such notice shall specify the general nature of the matters to be brought before and the resolutions (if any) to be moved at such meeting and none other than that business shall be transacted at that meeting.*

7.1.30 The President then referred to the Constitution, page 30, item 7.6 as below;

*Annual General Meeting*

*7.6 The business of the Annual General Meeting shall include the presentation of the Report of Council of the transactions of the past year and the audited financial statements of account, the declaration of the results of the ballots for the election of Officers of The Institution, the election of the internal auditors, the appointment of external auditors, the installation of the President and the consideration of any other business as provided for in these Bylaws.*

The President informed that, as pointed out by Y.Bhg Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon. F01619), there was an administrative issue as the Secretary had failed to circulate the resolution to the members.

At this juncture, there was some disagreement from some members from the floor.

7.1.32 The Deputy President informed the AGM that he is fully supportive of the decision by the members to vote, but there is a clause in the Constitution, page 30, item 7.5 which stated

*Annual General Meeting*

*7.5 The notice for Annual General Meeting shall be circulated to the general membership at least four (4) weeks before the Annual General Meeting.*

The Deputy President further informed that the resolution was received on 31 March 2016, which was less than four (4) weeks before the Annual General Meeting. Thus, the resolution could not be presented as an agenda item under item 5. The members had accepted it as item for discussion but not many members are aware of the resolution.

He felt that for the sake of the members at large, the best way was to convene a Special General Meeting (SGM). It was proposed that both resolutions tabled by Ir. Gary Lim be discussed at the Special General Meeting (SGM). The proposed date was three (3) months from the date of the AGM.

He added that before the Special General Meeting (SGM) can be convened, IEM would not take any legal action on the "Engr." issue.

The Deputy President sought consensus from the members for the proposal and proposed for a vote by 'show of hand'.





7.1.33 The members' proposal to vote by 'show of hand' to convene a Special General Meeting was accepted. The result of the voting was as follows:

**In Favour - 228 members**  
**Objection - 43 members**  
**Abstain - 26 members**

With the above voting result, the AGM therefore agreed to convene a Special General Meeting (SGM). The date of the Special General Meeting (SGM) was to be determined by the Council.

7.2 **2. Resolution No. 2 – proposer : Ir. Gary Lim Eng Hwa (F08898)**

**“Excomm and Council of IEM proceed to wind up IEM Academy Sdn Bhd”**

His contention – “IEM A was set up to conduct accredited courses as I was told in the Council meeting, this had NOT materialized and yet the EXIT strategy not executed. Instead IEM TC gave up some of the courses to IEM A, hence IEM A showed an excellent profit from conducting training courses”.

As decided by the above voting, the resolution would be discussed at the coming Special General Meeting (SGM).

7.2 **3. Letter from Member – Mr. Chan Foo Ching – G08133**

**His issue is the “usage of non-compliant products in the Fire Protection Industry”.**

The President informed that IEM had written to Mr Chan Foo Ching to invite him to IEM Fire Advisory Board (FAB) meeting for further details and clarifications on the issue that he has raised, before any further action is taken.

The President then asked Mr Chan Foo Ching, whether he agreed to the proposal. The proposal was accepted by Mr Chan Foo Ching and he would wait for an invitation from the IEM Fire Advisory Board (FAB).

**8.0 AMENDMENT TO IEM CONSTITUTION**

8.1 The President presented the proposed amendments to the Constitution as printed on page 6 of the Annual Report. The members at the AGM were informed that the proposed amendments had been circulated to the general members via email and by post.

8.1.1 *Article 5.1 Amend Constitution to allow*

- (k) *5 seats for Graduate Members in Council with voting rights.*
- (l) *1 seat for Women Engineers in Council with voting rights*

The President explained that for the item (k), there are currently 9,430 Graduate Members and 179 Companions in IEM – nearly equal in number with Corporate Members. The intention is to give them exposure and training as future leaders of IEM. He informed that the YES were given the responsibility to organise a number of IEM activities which is not confined to their section such as Engineers Week and E-Run.

While for item (l), the AGM was informed that the population of Women Engineers in IEM excluding students is 3,269. More than 7,000 of the Student Members – future engineers, are women. He informed that the role of women is gaining importance and the agencies or organisations are answering the call by the Prime Minister to allocate 30% of posts for women.

The President that proposed for voting by 'show of hand' for Article 5.1, items (k & l).

8.1.1.1 Ir. Tan Keng Lock (M03784) raised the question – “if the Graduate Members currently do not have voting rights as general members, why should they have voting rights in the Council which would affect the Council voting”.

The Deputy President responded and explained that he did a study on the membership, IEM currently has more non Corporate Members compared to Corporate Members (approximately 3:1). For the non Corporate Members, the Graduate Members and Companions is approximately 10,000 which is equivalent to 23% of total IEM membership. Giving them (5) seats would allow them to be more active in IEM activities as many of the activities were co-organised and assisted by the graduates who are not MIEM. To qualify as IEM Graduate Member, an engineering graduate must go through an application and evaluation process to ensure that he has graduated with an accredited engineering degree under the Washington Accord. He added that some of engineers do not work with conventional engineering discipline company which require them to be a Professional Engineer.

Furthermore, there was concern that the number of Corporate Members had been rather stagnant for the last 10 years. The cost has been increasing and if this were to continue for long term, then IEM will not be sustainable. Thus, if graduates are not given more opportunity for them to participate in IEM, they would join other outside organisations where they could have more active role. To be selected for the five (5) seats, these candidates have to go through the YES selection in order for them to come into the Council.



This amendment should be considered as a long term project for IEM for a sustainable future. With only five (5) seats, they would not a big impact on Council's decision as Council Members consisted of sixty four (64) members. He highlighted the importance of Graduate Members to participate actively and be appreciated as IEM member. As for Women Engineer, the reason for the extra seat was for them to take part actively.

- 8.1.1.2 Ir. Gan Tian Eng (M04904), questioned why the amendments were not circulated to the members and that it should have been done before the AGM.

The President explained that the circulation to members would only be made once the amendments of the constitution was approved by the AGM. This provision was stipulated in the IEM Constitution.

- 8.1.1.3 Y.Bhg. Academician Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin (Hon.F01019) commented that IEM's Constitution had indicated that there are two (2) categories of membership; the Corporate Members and Non-Corporate Members. The proposal presented was for amendment to the Constitution. He would nevertheless, like the Council to re-think on the proposed amendments. He was not against having more graduates in the Council. He added that if the graduates were given voting rights, then they should also have the right to hold office which would contradict the IEM Constitution.

- 8.1.1.4 Ir. P.E. Chong (F01214) concurred with the comment by Y.Bhg. Academician Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin. If a member does not possess voting right, then the member cannot serve in the Council. The provision should be same in all areas in the Constitution, otherwise the Constitution would not be consistent. He also agreed that the proposed amendments be re-checked against other areas of the Constitution.

- 8.1.1.5 YBhg. Dato' Ir. Pang Leong Hoon asked whether the five (5) seats referring to YES Graduates that were to be elected or those that were already holding office.

The President explained that the five (5) seats were allocated for the graduates who were already holding office. The seats would be taken by the YES's Chairman, Secretary and another three (3) elected members.

- 8.1.1.6 The President then requested Ir. Lai Sze Ching, Chairman of the Special Constitution Committee to respond to the query whether there were any areas in the Constitution that indicated non Corporate Members do not have voting rights. The proposal should not contravene the Constitution since only Corporate Members have the right to vote and to be elected to the Council.

Ir. Lai Sze Ching responded that voting right was not allowed for non Corporate Members in the Constitution. It can be amended in the Constitution without touching the other areas.

Ir. P.E. Chong disagreed as the amendments should not proceed as a member cannot have voting rights in the Council when there were no provision on voting rights for graduates in the Constitution.

- 8.1.1.7 Ir. Yim Ho Wa (F08247) agreed to the amendments to be studied again because if voting rights were given to Graduate Members as Council Members, then the Graduate Members may be considered as Corporate Members.

Y.Bhg. Academician Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin (Hon.F01019) raised the question on the condition in the selection of numbers of seats. He felt that there should also be justification on these proposed amendments.

The President noted all comments and explained that the numbers were decided based on the composition of the Council and also taking into consideration the number of Graduate Members currently more than the number of Corporate Members.

The President proposed for the amendments be deferred for further in-depth study by the Council and to re-look at the need for other amendments elsewhere in the Constitution.

- 8.1.2 *Article 5.2 Amend Constitution for*

- (a) *the President and Deputy President to hold office for one term of two sessions*  
 (e) *the term of office for the Graduate and Women Engineer representatives*

The President explained that item (a) was to allow more time for the President and Deputy President to accomplish what they plan. One "Session" mean *the period between two (2) consecutive Annual General Meetings*. Thus, for this proposed amendment, the one term of two sessions mean "for two (2) years".

Amendments in item (e) is to accommodate item (k) and (l) proposed above.

- 8.1.2.1 Y.Bhg. Academician Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin (Hon.F01019) reiterated that the proposal has been considered previously. The reason for one session for the President was for the Council to be able to go back in case the President was not able to handle the position and is pushing the Council to a wrong direction. They have to get a fresh mandate from the Council and not from the members.

YBhg. Dato' Ir. Pang Leong Hoon informed that nowadays most associations are practicing two terms as one term was too short for the President to accomplish much.



8.1.2.2 In responding to the comment by Y.Bhg. Academician Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin (Hon.F01019), the President explained that the proposed Constitution amendment has a provision created in the Bylaws for such scenario. It is under the 'Impeachment' of President.

Ir. Lai Sze Ching informed that the Bylaws would be amended simultaneously, but not presented at this AGM. In the proposed Bylaw amendment, it would be stated that the President could be removed anytime by a requisition for Vote of No Confidence by 10% of the total number of Council Members. The vote would be only by a simple majority.

8.1.2.3 The Deputy President explained further that there is a 'President Elect'. After serving for one session of two years, the President has to step down for the Deputy President to take the President post. But, he could stand for the President's post as long as Council allowed.

8.1.2.4 Since there were quite a number of comments on the proposed amendments, the President suggested that all the proposed amendments to the Constitution would be deferred and further study and fine tuning by the Council before it is tabled at the coming AGM again.

## 9.0 ANNOUNCEMENT OF THE ELECTION RESULTS FOR COUNCIL 2016/2017 SESSION

The President invited the Election Officer, YBhg. Dato' Ir. Pang Leong Hoon to announce the results of the election for the session 2016/2017.

### 9.1 President

Y.Bhg. Dato' Ir. Pang Leong Hoon informed the AGM that in accordance with Section 5.2 of the IEM Bylaws, Ir. Tan Yean Chin, being the President-elect, shall assume the office of President for session 2016/2017 upon completion of the term of office of the incumbent President, Y.Bhg. Dato Ir. Lim Chow Hock.

### 9.2 Deputy President

The AGM was informed that for the office of Deputy President, two (2) valid nominations were received. A total of 64 ballot papers were sent out to all current Council members. At the close of balloting on 28 December 2015, a total of 49 ballot papers were received. (No spoilt votes).

After the votes were counted, the candidate who received the higher number of votes was Ir. David Lai Kong Phooi. Thus, Ir. David Lai Kong Phooi was elected to the office of Deputy President for the session 2016/2017.

### 9.3 Vice Presidents, Hon Secretary, Hon Treasurer and Others

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

- Vice President (three (3) vacancies)
- Honorary Secretary (one (1) vacancy)
- Honorary Treasurer (one (1) vacancy)
- Council Members – Chemical Representative (one (1) vacancy)
- Council Members – Ordinary Representatives (ten (10) vacancies)

### 9.4 Office of Council Member – Other Disciplines Representative (One (1) vacancy for 3 sessions, 2016/2017, 2017/2018 and 2018/2019)

One nomination was received for this office. As the candidate's discipline did not qualify under this category, the nomination was disqualified. Therefore, there was no nominee for this office. The IEM Council at its 400th meeting held on 18 January 2016 decided to nominate Ir. Roznan bin Abdul Hamid as the candidate for this office under Bylaws Section 5.11. Thus, Ir. Roznan bin Abdul Hamid was duly elected unopposed to the office of Council Member – Other Disciplines Representative for the sessions, 2016/2017, 2017/2018 and 2018/2019.

### 9.5 Office of Vice President (Three (3) vacancies for 2 sessions 2015/2016 and 2016/2017)

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 9,776 ballot papers were sent and delivered to Corporate Members. The Ballot Box at the IEM Secretariat was sealed on 1 April 2016 at 12.00 noon. A total of 1,712 ballot papers were received at the IEM when the Ballot Box was opened thereafter at 2.30pm on the same day. 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 2016/2017 and 2017/2018:

- i) *Ir. Prof. Dr. Jeffrey Chiang Choong Luin*
- ii) *Ir. Assoc. Prof. Dr. Norlida bt Buniyamin*
- iii) *Ir. Ellias bin Saidin*



**9.6 Office of Honorary Secretary (One (1) vacancy for session 2016/2017)**

There were two (2) nominations received for the one (1) vacancy. The candidate Ir. Yam Teong Sian received the higher number of votes and was duly elected to the office of Honorary Secretary for the session 2016/2017.

**9.7 Office of Honorary Treasurer (One (1) vacancy for session 2016/2017)**

The AGM was informed that there were two (2) nominations received for the one (1) vacancy. The candidate Dr. Wang Hong Kok received the higher votes and was duly elected to the office of Honorary Treasurer for the session 2016/2017.

**9.8 Council Members – Ordinary Representatives (Ten (10) vacancies for 3 sessions, 2016/2017, 2017/2018 and 2018/2019)**

YBhg. Dato' Ir. Pang Leong Hoon proceeded to report that there were sixteen (16) nominations received. Balloting was necessary and the following ten (10) candidates with the highest number of votes were duly elected to the office of Council Members – Ordinary Representative for the sessions 2016/2017, 2017/2018 and 2018/2019:

1. Ir. Prof. Dr. Jeffrey Chiang Choong Luin
2. Ir. Assoc. Prof. Dr. Ahmad Kamil bin Arshad
3. Ir. Ellias bin Saidin
4. Ir. Dr. Tan Kuang Leong
5. Ir. Hoo Choon Sean
6. Lt. Jen. Dato' Wira Ir. Ismail bin Samion (Ret. RMAF)
7. Ir. Anuar bin Yahya
8. Ir. Yam Teong Sian
9. Ir. Mah Way Sheng
10. Ir. Gunasagaran a/l Kristnan

9.9 The AGM noted that the Election process took about three (3) months and the total cost was RM22,733.83 (*balloting document and postage*) excluding IEM staff cost.

9.10 The AGM was also informed that a total of 9,776 ballot papers were mailed out. It was further noted that only 18% returned which was an increase compared to the previous year. Some 82% of the members still did not return their ballot papers to record their votes for the candidates nominated to represent their interests on the IEM Council.

9.11 YBhg. Dato' Ir. Pang Leong Hoon then thanked the Scrutineers, Ir. Ishak bin Abdul Rahman, Ir. Prof. Dr. Zainal Abidin bin Ahmad, Ir. Prof. Dr. Siti Hawa Hamzah, Ir. Mohd Ali Yusoff and Ir. S. Kukanesan for their valuable assistance and support and also thanked the Secretariat for their full cooperation.

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

**10.0 PRESENTATION OF AWARDS**

The Executive Director, Ir. Wong Chee Fui then invited the President to present the following awards:

**10.1 IEM Technical Paper Award for Corporate Membership**

*Ir. Tan Sri Hj Yusoff Prize*

There were two categories for the Ir. Tan Sri Hj. Yusoff prize; one was for Civil and the award was presented to *Ir. How Yoke Teng* with the paper entitled "*Impact of Building Information Modelling (BIM) on the Engineering Profession*", whereas for the General Category, *Ir. Assoc. Prof. Dr. Leong Wai Yie* received the award for her paper entitled "*Recognise Women in Health Technology: Globalize Our Values and Contributions*".

**10.2 Women Engineer Award 2015**

Ir. Assoc. Prof. Dr. Norlida Bt. Buniyamin was conferred the IEM Woman Engineer Award. The AGM was further informed that Ir. Assoc. Prof. Dr. Norlida Bt. Buniyamin was currently a Fellow and Council Member of IEM. She is attached to UiTM as Associate Professor at the Faculty of Electrical Engineering. She is also the Head and Founder of the Engineering Education-Research Group (EnTER). She has received numerous awards, such as UiTM Excellent Service Award 2007, Best Sports Official Award 2011/2012, Wilayah Persekutuan and numerous Best Technical Paper Awards.



### 10.3 Certificate Presentation to the Fellows of IEM

The Executive Director then proceed to honour the Members of IEM who were transferred to the grade of Fellow from session 2015/2016. The certificates were awarded to the following Members.

1. Ir. Prof. Dr. Jeffrey Chiang Choong Luin
2. Ir. Dr. Ahmad Kamil bin Arshad
3. Ir. Santha Kumaran a/l Erusan @ Krishnan
4. Dr. Wang Hong Kok
5. Datuk Ir. Kamarulzaman bin Zainal
6. Ir. Jeewa s/o Vengadasalam
7. Ir. Tiong Ngo Pu
8. Ir. Goh Soon Boon
9. Ir. Hj. Mohamed Haniffa Hj Abdul Hamid

### 11.0 PRESENTATION OF MEMENTOS TO RETIRING COUNCIL MEMBERS

11.1 The President then presented the token of appreciation to the Council Members who were retiring from office for the 2015/2016.

1. Y.Bhg Dato' Ir. Dr. Andy Seo Kian Haw
2. Ir. Vincent Chen Kim Kieong
3. Ir. Lee Weng Onn
4. Ir. Dr. Tan Chee Fai
5. Ir. Tiong Ngo Pu
6. Ir. Yau Chau Fong
7. Ir. Teh Piaw Ngi
8. Ir. Kim Kek Seong
9. Ir. Lee Cheng Pay
10. Y.Bhg Datuk Ir. Rosaline Ganendra
11. Ir. Abdullah Zawawi bin Haji Mohd. Noor
12. Ir. Nur Fazil bin Noor Mohamed
13. Ir. Tan Koh Yon
14. Ir. Steven Chin Hui Seng

11.2 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. Gopal Narian Kutty
2. Ir. S. Kumar a/l Subramaniam
3. Ir. Chong Chin Meow
4. Ir. Chin Kuan Hwa
5. Ir. Assoc. Prof. Dr. Vigna Kumaran Ramachandaramurthy
6. Y.Bhg Dato' Ir. Abdul Rashid bin Maidin
7. Ir. Hj Ahmad Kamal bin Kunji
8. Ir. Mohamad Zaki bin Mat

11.3 The President also presented certificates of appreciation to the following Council members who had completed one session and were proceeding to another session in different positions, namely:

1. Ir. Prof. Dr. Jeffrey Chiang Choong Luin – *moving to the office of Vice President.*
2. Ir. Assoc. Prof. Dr. Norlida Bt. Buniyamin – *moving to the office of Vice President.*

### 12.0 SPECIAL PRESENTATION OF CERTIFICATE OF APPRECIATION TO ORGANISING CHAIRMAN OF CAFEO 33

12.1 The President also presented a certificate of appreciation to Ir. Paul Phor Chi Wei, the Organising Chairman of CAFEO 33, the person who had played a major role in the success of the event.

### 13.0 HANDOVER OF CHAIN OF OFFICE

13.1 The Executive Director then invited the newly elected President, Ir. Tan Yean Chin on stage to receive the handover of the chain of office from Y.Bhg Dato' Lim Chow Hock.

### 14.0 CHANGE OF OFFICE BEARERS

14.1 The Executive Director invited the newly elected Council Members to take their seats at the podium and at the same time thanked the past Council Members for their contribution and support for the last session. The members who were still serving for another session were requested to remain seated.



- 14.2 The newly elected President, Ir. Tan Yean Chin then invited Y.Bhg Dato' Lim Chow Hock as the Immediate Past President for session 2016/2017.
- 14.3 The newly elected President congratulated the new elected Council Members. He was happy to observe there were more younger Council members and hoped that in future the seniors would continue to contribute and give their support.

#### 15.0 PAST PRESIDENTS ELECTED BY COUNCIL TO SERVE IN THE COUNCIL

- 15.1 The 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. Ir. Choo Kok Beng

#### 16.0 ELECTION OF HONORARY INTERNAL AUDITORS

- 16.1 The President then proceeded to call for nominations for the position of Honorary Internal Auditors. The members of the floor proposed for Ir. Awangku Hidup Bin Awangku Hosain (M03053) be re-elected again as the Honorary Internal Auditors for session 2016/2017.

The members of the floor, then proposed Ir. Tiong Ngo Pu (M07252) to be appointed as the second internal auditor for session 2016/2017. As there was no objection from the AGM, both nominations were unanimously approved.

The President then announced that the two Internal Auditors were Ir. Awangku Hidup (M03053) and Ir. Tiong Ngo Pu (M07252).

#### 17.0 APPOINTMENT OF EXTERNAL AUDITORS

- 17.1 The President informed the AGM that the past Council had re-appointed PKF Malaysia as the External Auditors for 2016/2017. The AGM unanimously accepted the re-appointment. The AGM also accepted the re-appointment of CE Corporate Executives Sdn Bhd as the Accountant for the session 2016/2017.

#### 18.0 ANY OTHER BUSINESS (AOB)

- 18.1 The President invited the AGM to raise any issue since there were no official letters submitting items for discussion. It was noted that no issues were raised.

#### 19.0 PRESIDENTIAL ADDRESS FOR THE SESSION 2016/2017

- 19.1 The President was then invited to present the Presidential Address 2016 entitled "*Rejuvenation of the Institution for Long Term Sustainability*".

#### 20.0 ADJOURNMENT OF 56TH ANNUAL GENERAL MEETING 2016

- 20.1 The President declared the 56th Annual General Meeting adjourned at 12.40 p.m. and thanked the members for their presence as it showed a strong commitment to IEM as a whole. The President then reminded the members that the Annual Dinner would be held at the Sunway Resort Hotel and Spa.

Ir. Tan Yean Chin  
President

Ir. Yam Teong Sian  
Honorary Secretary





**NO NAME MEMBERSHIP NO**

**HONORARY FELLOW**

1.	Ir. Chen Kim Kieong	Hon. F 05128
2.	Ir. Chong Pick Eng	Hon. F 01214
3.	YBhg. Dato' Ir. Dr Gue See Sew	Hon. F 03975
4.	YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul Abdullah @ Lim Teik Keat	Hon. F 01691
5.	Ir. Dr. Ooi Teik Aun	Hon. F 01249
6.	YBhg. Dato' Ir. Pang Leong Hoon	Hon. F 00015

**FELLOW**

7.	Ir. Dr. Ahmad Anuar Bin Othman	13148
8.	Ir. Dr. Ahmad Kamil Bin Arshad	13471
9.	YBhg. Dato' Ir. Ahmad Murad Bin Omar	04741
10.	Ir. Awangku Hidup Bin Awangku Hosain	03053
11.	Ir. Prof. Dr. Chiang Choong Luin	20286
12.	Ir. Chong Yeong Yuan	03758
13.	Ir. Choo Kok Beng	02828
14.	Ir. Ellias Bin Saidin	10100
15.	Ir. Faridon Bin Talib	09346
16.	YBhg. Dato' Ir. Foong Choy Chye	03799
17.	Ir. Goh Kar Bung	08013
18.	Ir. Hayati Binti Abdullah	16513
19.	Ir. Hoo Choon Sean	02312
20.	Ir. Prof. Ishak Bin Abdul Rahman	02106
21.	YBhg. Dato' Ir. Ismail Bin Samion	06772
22.	YBhg. Dato' Pahlawan Ir. Jasan Ahpandi Bin Sulaiman	13588
23.	Ir. Jayaseelan Nadarajah	14445
24.	Ir. Jeewa S/O Vengadasalam	05986
25.	Ir. Dr. Jong Nyon Tchan, Edwin	18877
26.	Ir. Kamarulzaman Bin Zainal	11088
27.	Ir. Kukanesan S/O Sakthiveil	02461
28.	Ir. Lai Kong Phooi	09917
29.	Ir. Lai Sze Ching	04687
30.	Ir. Lee Boon Chong	08092
31.	Ir. Lee Choy Hin	05271
32.	Ir. Lee Weng Onn	08103
33.	YBhg. Dato' Ir. Lim Chow Hock	02531
34.	Ir. Lim Eng Hwa	08898
35.	Ir. Look Keman Bin Sahari	07295
36.	Ir. Mohamed Ali Bin Yusoff	01974
37.	Ir. Mohd. Khir Bin Muhammad	18791
38.	Ir. Ng Kok Peng	03745
39.	Ir. Norlida Bt. Buniyamin	13746
40.	Ir. Ong Ching Loon	11938
41.	Ir. Ong Sang Woh	06634
42.	Ir. Ramu S/O Andy	03462
43.	YBhg. Datuk Ir. Miss Rosaline Ganendra	06033
44.	Ir. Prof. Dr. Ruslan Bin Hassan	03541
45.	Ir. Santha Kumaran A/L Erusan @ Krishnan	18975
46.	YBhg. Dato' Dr. Ir. Seo Kian Haw	13276
47.	Ir. Shamuri Bin Amat Waridi	02581
48.	Ir. Dr. Tan Chee Fai	18343

49.	Ir. Tan Keng Hong	02699
50.	Ir. Tan Yean Chin	11712
51.	Ir. Prof. Dr. Tee Tiam Ting	03303
52.	Ir. Teh Piaw Ngi	05327
53.	Dr. Wang Hong Kok	02364
54.	Ir. Yam Teong Sian	05613
55.	Ir. Yap Soon Hoe	04086
56.	Ir. Yim Hon Wa	08247
57.	Ir. Yong Kee Chiang	01922
58.	Ir. Zulkifly Bin Madon	05132

**SENIOR MEMBER**

59.	Ir. Azizul Azuan Bin Sahrum @ Md. Daud	17629
60.	Ir. Chung Chee Tuck	14129

**MEMBER**

61.	Mr. Abdul Fattah Bin Mohamed Yatim	04667
62.	Ir. Abdullah Bin Othman	11026
63.	Mr. Abdullah Zawawi Bin Haji Mohd. Noor	07661
64.	Mr. Ahmad Fadzli Bin Hashim	16615
65.	Mr. Ahmad Mayadi Bin Ismail	36844
66.	Ir. Ahmad Razmi Bin Abd. Ghaffar	09937
67.	YBhg. Dato' Ir. Ali Askar Bin Sher Mohamad	22781
68.	Ir. Al-Khairi Bin Mohd Daud	14670
69.	Ir. Arjunaidi Bin Mohd. Yunus	12870
70.	Mr. Azman Bin Yahya	49453
71.	Mr. Beh Kim Boon	16294
72.	Mr. Bek Pan Chin	21834
73.	Ir. Bhuvendhraa Rudrusamy	26383
74.	Mr. Boey Wei Lun	10801
75.	Ir. Butt Hon Bong	13706
76.	Ir. Cader Mohideen Mohamed Aboobucker	13942
77.	Ir. Chai Chen Sing	19637
78.	Ir. Chai Peng Mun, William	17977
79.	Ir. Chai Tzer Luen	21715
80.	Ir. Chan Sin Sang	04750
81.	Ms. Chan Yin Har	49407
82.	Mr. Chandra Segar A/L Kalimuthu	23250
83.	Ir. Che Bakar Bin Che Soh	19953
84.	Mr. Chee Weng Yan	24460
85.	Mr. Chen Fun Chien	25407
86.	Mr. Chen Harn Shean	23894
87.	Mr. Chen Khar Ye	16552
88.	Mr. Cheng Chin Chuan	21201
89.	Mr. Cheng Heang Swee	26952
90.	Ir. Cheong Choong Fiee	08370
91.	Mr. Cheong Kok Peng	23411
92.	Ir. Cheong Yoon Kwan	15455
93.	Ir. Dr. Chew Chong Key	14325
94.	Mr. Chew Chong Way	08870
95.	Ir. Chew Leak Yan	16406
96.	Ir. Chew Weng Yuen	12156
97.	Ms. Chia Yun Lee	20069
98.	Ir. Chiew Lik Ing, Paul	05899
99.	Mr. Chiew Sing Huat	18229
100.	Ir. Chin Shyi Her	24341



101. Mr. Chin Tet Fu @ Willy	20404	153. Ir. Koay Cheoh Theam	13451
102. Mr. Choi Yet You	20385	154. Ir. Koay Koon Hin	02326
103. Ir. Chong Chi Koong	18794	155. Ir. Koh Fong Chong	16620
104. Ir. Chong Chin Meow	02641	156. Mr. Kok Vui Tek	45255
105. Ir. Chong Swee Choon	08637	157. Ir. Kok Yen Kwan	22574
106. Ir. Chong Tzih Sen	07859	158. Ir. Kon Chau Hwa	05026
107. Mr. Choo How Wee	25413	159. Mr. Kong Sin Kooi	08312
108. Ir. Chooi How Leong	01823	160. Ir. Kor Fong Yong	03877
109. Ir. Choong Kah Chun	20532	161. Ms. Kuan Yen Ping	16629
110. Ir. Prof. Dr. Choong Shean Yaw, Thomas	20837	162. Mr. Kwong Kar Kitt	41232
111. Ir. Chua Lee Boon	03650	163. Ir. Kwong Thuam Thum	03701
112. Ir. Chua Long Siew	15502	164. Ms. Lai Lih Ying	26388
113. Ir. Prof. Dr. Clarence Augustine Tee Teck Huo	27473	165. Ir. Lai Tek Hap	39226
114. Ir. Dr. Dhakshyani A/P Ratnadurai	22392	166. Mr. Lai Wai Peng	47084
115. Ir. Fam Yew Hin	20926	167. Mr. Lai Yew Hong	27505
116. Mr. Fan Chun Yee	18703	168. Ir. Lalchand A/L Gulabrai	17881
117. Ir. Fann Wei Hwa	03586	169. Mr. Lam Kok Wai	20798
118. Mr. Ferng Meow Chong @ Feng Meow Chong	00682	170. Mr. Lau Eng Kee	21721
119. Ir. Fong Chew Chung	21276	171. Ir. Lau How Siong	13960
120. Ir. Foo Kai Jaan	22304	172. Mr. Lau Hui Leong	29697
121. Ir. Foo Kok Seng	11445	173. Ir. Lau Win Sang	04323
122. Mr. Foong Yew Hong, Mervyn	28911	174. Ir. Lau Yen Chang	08976
123. Ir. Fred Devakumar S/O Stephen Navaratnam	04758	175. Ir. Lee Ah Soon	01313
124. Mr. Gan Tian Eng	04904	176. Mr. Lee Cheng Pay	36663
125. Ir. Ganesrajsingham Veerasingham	15485	177. Mr. Lee Choun Mun	25594
126. Ir. Gnanadhas S/O Manuel	05703	178. Ir. Lee Chow Khweng	06025
127. Ir. Goh Boon Sai	04517	179. Mr. Lee Ghim Peng	21921
128. Ir. Goh Chee Eng	04108	180. Ir. Lee Han Chee	12016
129. Ir. Goh Sheng Pun	18185	181. Ir. Lee Heng Keng	02734
130. Ir. Goh Soon Boon	06751	182. Ir. Lee Kean Yew	30983
131. Ir. Goon Kid Seng	03800	183. Ir. Lee Kok Thai	02533
132. Ir. Gunasagaran A/L Kristnan	08216	184. Mr. Lee Loi Kong	26909
133. Mr. Han Chee Keong	21184	185. Ir. Lee Mun Poh	08600
134. Ir. Han King Guan	07866	186. Ir. Dr. Lee Tin Sin	27985
135. YBhg. Dato' Ir. Hj. Hanapi Bin Mohamad Noor	03158	187. Ir. Lee Tuck Choy	08001
136. Ir. Hardi Bin Dolah	51635	188. Ir. Lee Wee Chu	06369
137. Ir. Heng Aik Chau	12603	189. Mr. Lee Zi Shun	61171
138. Ir. Ho Swee Cheong	15641	190. Ir. Leong Chee Tuck	09665
139. Mr. Hong Kai Sze	50194	191. Ir. Leong Cheng Thim	03052
140. Ir. Hooi Wing Chuen	19934	192. Ir. Leong Chin Sean	02784
141. Ir. Hoong Farn Cheong, Alvin	30798	193. Ir. Leong Kong Heng	05483
142. Ir. Hor Kok Luen	60074	194. Ir. Assoc. Prof. Dr. Leong Wai Yie	60691
143. Ms. How Yoke Teng	64626	195. Ir. Leong Ying Wai	03546
144. Ir. Ismail Bin Abdullah	18041	196. Ms. Leow Jia Hui	29191
145. Ir. Jagathisen S/O Siva Perumal	05107	197. Ir. Leow Kay Pin	02859
146. Ir. Jagjeet Singh Sidhu	07146	198. Ir. Lew Wing Kwong	02760
147. Ir. Jasvinder Singh	12812	199. Ir. Li Thang Fai	15803
148. Mr. Kamalendran A/L N. Rajasvaran	22641	200. Mr. Liau Kok Leng	25662
149. Ir. Khor Hock Keat	03670	201. Ir. Liew Khee Leong @ Lam Khee Leong	14505
150. Ir. Khor Kong Chong	13301	202. Ir. Liew Yoke Loy	07875
151. Mr. Kim Kek Seong	18825	203. Ir. Lim Ah Bah	03263
152. Mr. Koay Boon Hoe	54010	204. Ir. Lim Chee Peng	04530
		205. Ir. Lim Cheng Poh	15805
		206. Ir. Lim Chin Keat	07526
		207. Ir. Lim Choh Teck	03787
		208. Ir. Lim Choon Lin	05785



209. Ir. Lim Ee Chui	17376	264. YBhg. Dato' Prof. Ir. Dr Othman Bin A. Karim	10247
210. Mr. Lim Kew Tee	48525	265. Ir. Pan Wang Fook	25461
211. Mr. Lim Kim Ten	24468	266. Ir. Pang Keng Lee	15810
212. Ms. Lim Lea Pieng	20352	267. Ir. Pang Kia Kim	22014
213. Ir. Lim Lik	06752	268. Mr. Pang San Moh	14936
214. Ir. Lim Poo Lee	05448	269. Ir. Phan Yau Kam	09959
215. Ir. Lim Tian Lu	12778	270. Ir. Phor Chi Wei	18946
216. Mr. Loi Tuck Chow	18933	271. Ir. Poh Boon Chaw	03195
217. Ir. Loo Moon Whai	02274	272. Mr. Pok See How	21494
218. Ir. Loo Wen Siang	05655	273. Mr. Por Teong Hooi	49415
219. Dr. Low Chong Yu	04511	274. Ir. Ragbir Singh Dhillon	08217
220. Mr. Low Kai Wah	28096	275. Ir. Ravindra Masilamoney	18416
221. Ir. Mah Peng Cheah	13724	276. Ir. Rizal Bin Abu Bakar	30665
222. Ir. Mah Way Sheng	30694	277. Ir. Roznan Bin Abdul Rashid	11490
223. Ir. Mardianto Bin Hj Asli	51650	278. Mr. S Yogan A/L K Sathiyagnany	18411
224. Ir. Mazlan Bin Che Ku Ahmad	09975	279. Ir. S. Kumar A/L S. Subramaniam	16021
225. Ir. Md. Nujid Bin Ismail	06158	280. Mr. Sahanan Bin Saadun	29009
226. Ir. Assoc. Prof. Md. Salim Bin Kamil	11270	281. Mr. Sar Koon Kong	18575
227. Ir. Mohamad Bin Jaffar	09966	282. Mr. Sek Fook Keong	15645
228. Ir. Prof. Dr. Mohamad Nor Bin Berhan	08251	283. Mr. Sew Shuh Tyng	11409
229. Ir. Hj. Mohamed Haniffa Hj. Abdul Hamid	19650	284. Ms. Sew Yuh Ling	09618
230. Ir. Mohd Azha Bin Abu Samah	16254	285. Mr. Shahrol Rizal Bin Samsudin	24749
231. Ir. Mohd Haszuan Bin Sukairi	74326	286. Ir. Shahul Ikram Bin Adnan	10375
232. Ir. Mohd Kafri Bin Zakaria	44615	287. Ir. Shanmugaraj C.T. Pillai	03043
233. Mr. Mohd Khairuddin Bin Shafie	27646	288. Ir. Shuhaili Bin Mohamad	25108
234. Ir. Mohd Mazlan Bin Mat Ani	35734	289. Ir. Shum Keng Yan	14287
235. Ir. Mohd Radzi Bin Salleh	20112	290. Mr. Siaw Ming Chian	39198
236. Ir. Hj. Mohd Redzuan Bin Mohd Ramli	13780	291. Ir. Sim Hui Kheng	19167
237. Mr. Mohd Saiful Bin Mustafa	29074	292. Ir. Sofia Johari	20559
238. Mr. Mohd Shaiful Azli Bin Mohd Salleh	52573	293. Ir. Somasuntharam S/O Chinniah	04896
239. YBhg. Dato' Ir. Mohd. Zahari Bin Mansor	05242	294. Ir. Soo Ching Linn	03300
240. Ir. Prof. Dr. Mohd. Zamin Bin Jumaat	09284	295. Ir. Soong Peng Soon	06460
241. Mr. Mohd. Zamri Bin Alias	16030	296. Mr. Suffian Bin Slamet	32627
242. Ir. Dr. Mui Kai Yin	18773	297. Ir. Suhaimi Bin Shamsuddin	13431
243. Ir. Murthi A/L Silvarajin	28873	298. Ir. Sulaiman Bin Hasim	17544
244. Mr. Mustafa Maarof Bin Junid	80668	299. Mr. Syed Neguib Bin Syed Mohamed	57521
245. Mr. Mustaffa Kamal Bin Ariffin	38710	300. Ir. Syed Salim Bin Syed Abu Bakar	07068
246. Ir. Nazri Azam Bin Amirudin	18720	301. Ir. Tai Fong Ng	08165
247. Ir. Ng Ah Chung	15445	302. Ir. Tam Shui Yen	09090
248. Mr. Ng Ban Foun	80674	303. Ir. Tan Boon Tiong	51698
249. Mr. Ng Boon Kiat	18171	304. Ir. Tan Hong Meow	06222
250. Mr. Ng Chee Sing	26399	305. Ir. Tan Kah Kian	19351
251. Ir. Ng Choo Geon	12632	306. Mr. Tan Kar Eng	13812
252. Ir. Ng Hock Chong	18583	307. Ir. Tan Kim Thin	14199
253. Ir. Ng Jin Seng	15807	308. Ir. Tan Koh Yon @ Tang Kok Yon	11075
254. Ir. Ng Sean Lok	25785	309. Dr. Tan Kuang Leong	13221
255. Ir. Ng Teik Poh	13463	310. Ir. Tan Loo Shyang	14648
256. Mr. Ng Weng Sum	20970	311. Mr. Tan Tai Nyee	17163
257. Ir. Ms. Ng Yek Kan	03559	312. Ir. Tan Wang Khai	28838
258. Mr. Ng Yong Kong	05043	313. Ir. Tan Wei Min	20587
259. Ir. Ong Beng Hoe	12715	314. Ir. Tang Chee Yong	11694
260. Mr. Ong Chiew Ping	25188	315. Ir. Tang Keng Lock	03784
261. Ir. Ong Tang Kook	14229	316. Mr. Tang Kuan Pui	42548
262. Ir. Ong Ye Poo	12282	317. Ir. Tang Kwang	21897
263. Ir. Ooi Hock Lye	15897	318. Mr. Tang Tatt Seng	05871
		319. Mr. Tee Chin Seong	29163



320. Ir. Tee Swee Tit	20519
321. Ir. Teh See Tee	08139
322. Ir. Tejinder Singh	20656
323. Mr. Ten Pang Sin	19972
324. Ir. Teng Yien Chen	16926
325. Ir. Tengku Salehudin Bin Tengku Bakar	12504
326. Ir. Teoh Kok Eng	09083
327. Mr. Teow Loo Yih	21200
328. Mr. Teyo Eng Chong	36313
329. Ir. Thamim Anser Bin Habibullah Khan	26919
330. Mr. Thong Chin Mun	24452
331. Mr. Ting Tiew Whong	24193
332. Ir. Tiong Ngo Pu	07252
333. Mr. Tong Seng Won	09182
334. Ir. Tu Yin Fee	13729
335. Ir. Tu Yong Eng	15448
336. Mr. Tuin Kian Kok	85501
337. Ir. Tze Chuan Chee, Francis	01694
338. Ir. Ung Ah Hock	12218
339. Ir. Vignaeswaran A/L Shanmuganathan	66446
340. Ir. Wan Mohamad Bin Wan Musa	02823
341. Ir. Wan Yoon Hin	23949
342. Mr. Wang Liang Chuan	37054
343. Ir. Wong Chee Fui	20903
344. Ir. Wong Chin Weng, Roger	56127
345. Mr. Wong Chu Loong	20493
346. Mr. Wong Chuze Keong	19051
347. Mr. Wong Hock Teong	28219
348. Ir. Wong Hon Mun	70658
349. Ir. Wong Huan Yong	12895
350. Ir. Wong Kai Shian	04699
351. Ir. Wong Khee Veai	23761
352. Ir. Wong Kim Yen	01450
353. Mr. Wong Kok Wai	05845
354. Ir. Wong Sai Yong	16359
355. Ms. Wong Siew Yee	39963
356. Ir. Wong Tai Poh	13736
357. Ir. Wong Tien Soong	43668
358. Ir. Wong Tuck Woh	03489
359. Ir. Wong Tuck Yoon	12228
360. Mr. Wong Wee Chee	34304
361. Ir. Wong Yee Chen	14308
362. Mr. Wong Yik Fong	26769
363. Mr. Yap Chee Hong	41245
364. Ir. Yap Kian Fui	05879
365. Ir. Yau Chau Fong	20215
366. Mr. Yee Kien Peng	27565
367. Ir. Yeong Chin Chow	18660
368. Ir. Yoharaaj A/L Doraisingam	21468
369. Ir. Yong Hong Lee	29252
370. Mr. Yong Hong Liang	21589
371. Ms. Yong Hui Foong	38321
372. Mr. Yu Seng Chiang	41154
373. Mr. Zainuddin Bin Mohamad	20653

#### GRADUATE

374. Ir. Lt. Kol. Abdul Razak Bin Ahmad	17243
375. Mr. Achugovind Kumar A/L Pramakumar	50668
376. Mr. Benedict Chan Wei Chiang	72580
377. Mr. Bong Nee Shin, Victor	72205
378. Mr. Chan Foo Ching	08133
379. Mr. Cheu Teck Sen, Marcus	38598
380. Mr. Chin Woon Kheong	60045
381. Mr. Chong Swee Long	25741
382. Mr. Hasnal Bin Koris	73402
383. Mr. Khor Kok Kuan	61937
384. Mr. Kiing Sie Ying	24340
385. Mr. Kong Teck Tiang, Luke	47098
386. Mr. Kuan Jew Xun	44029
387. Ms. Lau Chui Chui, Michelle	61181
388. Ms. Lau See Hung	43109
389. Ms Lee Mei Ping	28489
390. Mr. Liew Kar Seng	49606
391. Dr. Liew San Chuin	25519
392. Mr. Lim Kim Ong	32868
393. Mr. Loo Kheng Hooi	42242
394. Mr. Low Pek Jun	64545
395. Mr. Mohd Alfitri Bin Zailan	78422
396. Mr. Mohd Hamri Bin Abdul Hamid	53735
397. Mr. Mohd Yusof Bin Rahmad Tulahan	64791
398. Mr. Muhammad Faidzal Bin Zainal	24494
399. Mr. Ng Chor Yau	81240
400. Mr. Nicholas Araven A/L Arulanandam	80181
401. Ms. Prema A/P Sivanathan	58733
402. Mr. Sek Fook Meng	13965
403. Mr. Tan Boon Kai	73020
404. Ms. Tee Pei Fang	79013
405. Mr. Teo Meng Seng	09330
406. Ms. Thong Chia Chia	81308
407. Mr. Wan Mohd Azhar Hussein Bin Wan Omar	59138
408. Mr. Wong Zhi Li	37279
409. Mr. Wong Zhi Yong	38313
410. Mr. Yee Han Min, Stephen	79296
411. Mr. Yeo Kok Seng, Jason	76037
412. Mr. Yeo Thian Soon	52482
413. Mr. Yong Wee Fon	85888
414. Mr. Zamzuri Bin Othman	13750

#### STUDENT

415. Sdr. Bong Khi Yii, Chester	79238
416. Sdri. Fazira Binti Nan	77730

#### NON-MEMBER

417. Cik Jessica Jong Kwang Yin	
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**MINIT MESYUARAT AGUNG TAHUNAN YANG KE 57, INSTITUSI JURUTERA MALAYSIA YANG DIADAKAN PADA 16 APRIL 2016 BERTEMPAT DI AUDITORIUM TAN SRI PROF. CHIN FUNG KEE, 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, YBhg. Dato' Ir. Lim Chow Hock mengucapkan terima kasih dan mengalu-alukan kehadiran ahli ke Mesyuarat Agung Tahunan yang ke-57. Beliau kemudian memaklumkan bahawa tiga bilik yang berbeza akan digunakan untuk Mesyuarat Agung Tahunan, iaitu Auditorium Tan Sri Prof Chin Fung Kee di Tingkat 3, yang akan menjadi ruang utama, Bilik Kuliah C & S / TUS di tingkat 2 dan akhir sekali Auditorium Malakoff di tingkat bawah.

Yang DiPertua juga memaklumkan bahawa persidangan video akan diadakan di kedua-dua bilik di tingkat bawah dan tingkat dua masing-masing (*Auditorium Malakoff dan bilik kuliah C & S / TUSTD.*)

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

MAT kemudiannya dimaklumkan berkenaan aktiviti-aktiviti yang berlaku pada sesi 2016/2017.

**1.2 Pemergian Bekas Yang Dipertua**

MAT dimaklumkan bahawa Bekas Yang DiPertua, Ir. Chiam Teong Tee (Ir. T. T. Chiam), telah meninggal dunia pada 30 Januari 2016. Yang DiPertua meminta semua ahli untuk bertafakur selama seminit sebagai tanda hormat.

**1.3 Logo Baru IEM**

Yang DiPertua memperkenalkan logo baru IEM dengan huruf IEM disebelah lambang IEM bersama dengan slogan baru "Mengantarabangsakan Mobiliti Jurutera". Hasrat penambahbaikan logo tersebut adalah untuk menjadikan lambang IEM lebih mudah dikenali.

**1.4 Menandatangani Memorandum Persefahaman (MoU)**

MAT dimaklumkan bahawa IEM telah pun menandatangani dua (2) MoU dengan institusi kejuruteraan luar negara, iaitu dengan Institusi Jurutera, Bangladesh dan Institusi Jurutera, India.

Enam (6) lagi MoU telah ditandatangani dengan Universiti dan Institusi Pengajian Tinggi, menjadikan jumlah Memorandum Persefahaman (MoU) yang ditandatangani dengan Institusi Pengajian Tinggi (IPT) sebanyak enam belas (16). MoU yang telah ditandatangani dalam sesi ini termasuk Universiti Kebangsaan Malaysia (UKM), Universiti Teknologi Malaysia (UTM), Taylors Universiti, Politeknik Sultan Hj. Ahmad Shah (POLISAS), Universiti Sains Malaysia (USM) dan Universiti Malaya (UM).

Yang DiPertua memaklumkan bahawa IEM juga telah menandatangani MoU dengan Majlis Perbandaran Hang Tuah Jaya (MPHTJ) untuk menjalankan aktiviti bersama seperti program kesedaran awam dan membantu majlis tempatan dalam menyediakan perkhidmatan kejuruteraan yang lebih baik bagi kemudahan orang awam.

Di sektor korporat pula, IEM juga telah memulakan perkongsian dengan industri untuk menambahkan keahlian. MoU pertama dengan industri telah ditandatangani dengan MMC Corporation Berhad (MMC). MoU tersebut akan membuka jalan bagi IEM untuk menganjurkan sesi bengkel bagi meningkatkan kecekapan para jurutera MMC untuk menjadi ahli MIEM / P.E. selain menjalin kerjasama dengan MMC dalam bidang kepentingan bersama.

**1.5 Penglibatan Aktif dengan Badan Kerajaan dan Pihak Berkuasa Tempatan**

Yang DiPertua melaporkan bahawa IEM kini melibatkan diri secara aktif dengan agensi awam lain demi menjalin kerjasama dengan pelbagai jabatan mengenai isu-isu yang berkaitan dengan kejuruteraan termasuk MATRADE, MITI, SIRIM, Standards Malaysia, CIDB, CREAM, DOSH, DBKL, Suruhanjaya Tenaga, KPKT dan sebagainya. Cawangan-cawangan IEM juga aktif dalam majlis dan pihak berkuasa tempatan masing-masing sebagai ahli Jawatankuasa pelbagai Majlis Negeri dan Jawatankuasa Khas Negeri.

IEM juga terus berhubung rapat dengan badan profesional yang lain.





### 1.6 Interaksi and Liputan Media

MAT dimaklumkan bahawa IEM terus aktif dalam menyediakan kenyataan akhbar mengenai pelbagai isu kejuruteraan dan perkara-perkara yang melibatkan kepentingan negara. Sebanyak sebelas (11) kenyataan akhbar telah dikeluarkan dan 26 keratan akhbar telah diterbitkan dalam media dan kesemuanya telahpun dimuatnaik di laman web IEM.

### 1.7 Persidangan dan Aktiviti

IEM telah menganjurkan CAFE033 di Pulau Pinang pada 23-26 November 2015. IEM Cawangan Pulau Pinang telah dilantik untuk menjadi tuan rumah persidangan itu bagi pihak IEM. Cawangan tersebut menunjukkan prestasi memberangsangkan dalam penganjuran persidangan tersebut yang juga termasuk mesyuarat Lembaga Pengelola AFEO, Wanita dan program Jurutera Muda, jamuan makan malam dan lawatan teknikal. Persidangan ini telah dirasmikan oleh Tun Dato' Seri Utama (Dr.) Haji Abdul Rahman bin Haji Abbas, Tuan Yang Terutama Pulau Pinang dan dihadiri oleh lebih daripada 1200 orang peserta. Yang DiPertua juga mengucapkan tahniah kepada Pengerusi Penganjur, Ir. Paul Phor kerana kejayaan menganjurkan persidangan tersebut.

IEM juga telah menganjurkan tiga persidangan utama dan 154 ceramah petang, 77 kursus, bengkel dan seminar serta 48 lawatan teknikal pada sesi yang lalu.

### 1.8 Keahlian

MAT dimaklumkan bahawa keahlian IEM telah meningkat daripada 36,000 (dilaporkan pada MAT 2015) kepada 40,118 pada Mesyuarat Agung Tahunan ini.

Yang DiPertua mengucapkan tahniah kepada Jawatankuasa Kecil Menggiatkan Keahlian Dan Bimbingan Kerjaya yang diketuai oleh Ir. Dr Cheong Thiam Fook diatas peningkatan yang amat ketara dalam keahlian.

Usaha yang giat telah diberi oleh Jawatankuasa Kecil tersebut dalam membuat persiapan ke arah mencapai 100,000 ahli menjelang tahun 2020. Yang DiPertua memberi penghargaan atas usaha yang tidak henti-henti daripada keseluruhan Jawatankuasa yang terlibat dan juga Sekretariat di atas pencapaian ini.

### 1.9 Tabung Bangunan IEM

Yang DiPertua juga merayu kepada ahli-ahli untuk terus menyumbang kepada Tabung Bangunan IEM. MAT dimaklumkan bahawa baki pinjaman bank buat masa ini masih tinggal lebih kurang RM3juta.

## 2.0 PENGESAHAN MINIT MESYUARAT AGUNG TAHUNAN KE-56 YANG DIADAKAN PADA 16 APRIL 2015

2.1 Yang DiPertua kemudiannya menjemput ahli yang hadir untuk membuat semakan minit Mesyuarat Agung Tahunan seperti yang telah dicetak di muka surat 67-77 dalam Laporan Tahunan serta versi Bahasa Malaysia dari muka surat 82 hingga 94.

Memandangkan tidak ada kesilapan yang nyata dalam minit tersebut, Ir. Yap Soon Hoe (F04086) mencadangkan minit Mesyuarat Agung Tahunan ke-56 yang diadakan pada 16 April 2015 disahkan. Usul itu disokong oleh Ir. Jayaseelam Nadrajah (F14445).

## 3.0 PERKARA-PERKARA BERBANGKIT

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

*Mukasurat 70 – 4.15.3*

*KPI untuk Bahagian Teknikal*

Yang Dipertua melaporkan bahawa di bawah KPI untuk Bahagian Teknikal, Jawatankuasa Tetap Aktiviti kini mempunyai agenda untuk memantau prestasi semua Bahagian Teknikal. Pada tahun 2015, semua Bahagian Teknikal telah menunjukkan prestasi yang baik dan telah mencapai sebahagian besar daripada sasaran mereka.

## 4.0 LAPORAN TAHUNAN BAGI SESSI 2015/2016

Yang DiPertua kemudian menjemput Setiausaha Kehormat, Ir. Yam Teong Sian untuk membentangkan pelbagai aktiviti dan acara yang dianjurkan pada 2015.





#### 4.1 Majlis dan Jawatankuasa Kerja

Bagi sesi 2015/2016, sebanyak lima mesyuarat (5) Majlis telah diadakan. Majlis mesyuarat tersebut membincangkan perkara-perkara yang berkaitan dengan dasar-dasar IEM dalam membuat keputusan atas perkara-perkara yang berkaitan dengan operasi Institusi. Jawatankuasa Kerja pula telah mengadakan sebanyak tiga belas (13) mesyuarat untuk sesi 2015/2016. Peranan Jawatankuasa Kerja adalah untuk melaksanakan keputusan-keputusan Majlis.

#### 4.2 Keahlian

MAT dimaklumkan bahawa bagi tahun 2015, sebanyak 11,708 calon telah diluluskan untuk kemasukan / pemilihan / pemindahan ke pelbagai gred. Daripada bilangan ahli baru, sebanyak 9,231 adalah ahli siswa. Walau bagaimanapun, 4,403 ahli masih belum menjelaskan yuran keahlian mereka dan berkemungkinan keahlian mereka akan dibatalkan pada akhir tahun.

MAT juga dimaklumkan bahawa terdapat perkembangan yang kukuh dalam keahlian sejak Jawatankuasa Tetap Kemasukan dan Latihan Praktikal (APT) memulakan kempen penggiatan keahlian dalam usaha pengambilan keahlian baru.

Di samping itu, dimaklumkan bahawa disiplin Kejuruteraan Awam mempunyai bilangan ahli-ahli tertinggi sebanyak 13,790 diikuti oleh Mekanikal (9973), Elektrik (6414), Elektronik (3743) dan Kimia (2742).

Di samping itu, MAT dimaklumkan bahawa jurusan Kejuruteraan Awam mempunyai jumlah ahli tertinggi dengan 13.867 ahli.

#### 4.3 Daftar Antarabangsa

Bagi tahun 2015, 17 orang ahli telah didaftarkan sebagai Jurutera ASEAN (ASEAN Eng) dan 23 telah diluluskan untuk Jurutera ASEAN Bersekutu (AAE) manakala 35 telah diluluskan untuk APEC / Pendaftaran Jurutera Antarabangsa (IntPE).

#### 4.4 Peperiksaan dan Kelayakan

MAT seterusnya dimaklumkan bahawa bagi sesi 2015/2016, sejumlah 571 telah memohon untuk menduduki Temuduga Profesional (PI). Jumlah calon yang gagal PI adalah 106 menjadikan peratusan kadar kegagalan 18.5%.

MAT telah mengambil maklum bahawa Proses PI yang dipertingkatkan akan dilaksanakan secara percubaan pada tahun 2016. Jawatankuasa Kecil telah mengadakan empat (4) bengkel latihan dan pensijilan di Ibu Pejabat pada tahun 2015. Bengkel yang sama juga akan dijalankan di semua Cawangan IEM dalam tahun 2016.

Peperiksaan Siswazah IEM / BEM telah dijalankan untuk kali terakhir pada bulan Oktober 2015 dan berkuatkuasa tahun 2016, peperiksaan yang bermula pada bulan Mei 1978 tidak akan diteruskan lagi.

#### 4.5 Maklumat dan Penerbitan

Setiasaha Kehormat memaklumkan MAT bahawa sebanyak dua belas (12) isu bulletin IEM "Jurutera" telah diterbitkan pada tahun 2015. Bilangan mukasurat telahpun ditambah bagi menyediakan lebih banyak ruang untuk berita dan maklumat. Satu (1) isu Journal juga telah diterbitkan pada tahun 2015.

Tiga (3) artikel mengenai Sejarah IEM berkenaan pembelian Wisma IEM telah diterbitkan dalam buletin Jurutera pada tahun 2015. Setiasaha Kehormat merakamkan penghargaan kepada YBhg. Dato' Ir. Pang Leong Hoon diatas usaha beliau dalam menyemak rekod-rekod IEM untuk menghasilkan artikel tersebut.

#### 4.6 Perpustakaan IEM

MAT menyatakan bahawa Perpustakaan IEM kini mempunyai koleksi 6,711 judul buku bercetak yang meliputi pelbagai disiplin. Sejak pengenalan e-Book pada tahun 2014, IEM mempunyai koleksi lebih daripada 110 tajuk. Semua ahli digalakkan untuk mengaplikasikan penggunaan eBooks yang boleh diakses dari laman web IEM. Koleksi buku-buku baru akan diumumkan dari masa ke semasa melalui Buletin dan juga laman web IEM.

#### 4.7 Aktiviti

Setiasaha Kehormat menekankan bahawa penganjuran aktiviti sentiasa diberi keutamaan oleh IEM untuk ahli-ahli terutamanya untuk membantu mereka dalam memenuhi keperluan CPD BEM. Kira-kira 300 ceramah, lawatan dan kursus telah dilaksanakan sepanjang sesi ini, begitu juga dengan penganjuran beberapa persidangan antarabangsa, pertandingan dan acara sosial.

Beberapa acara utama yang telah dianjurkan termasuk CAFEO 33, WE Summit 2015, Persidangan Elektrik IEM-IET, Pertandingan Chem-e-Car Malaysia ke-11 dan Pesta Karier Pembinaan CIDB-IEM.



#### 4.8 Aktiviti Akan Datang

MAT mengambil maklum senarai aktiviti-aktiviti yang akan dianjurkan seperti Majlis Makan Malam dan Anugerah yang ke-57 di Sunway Resort Hotel & Spa, Hari Keluarga IEM 2016 pada 18 Mei 2016 di Persada Plus, Pameran ASEAN M & E dari 23-25 Mei 2016, SEAGC 2016 di Dorsett Grand Subang dari 31 Mei - 3 Jun 2016, Kejohanan Golf IEM pada bulan Jun 2016, Minggu Kejuruteraan IEM dari 14-21 Ogos 2016, E-Run pada 14 Ogos 2016 dan Kongres Asia dalam Mekanik Bendalir dari 21-24 November 2016 di Kuching, Sarawak

#### 4.9 Anugerah Kecemerlangan Yang Dipertua

Setiasaha Kehormat kemudian mengumumkan keputusan Anugerah Kecemerlangan Yang DiPertua seperti berikut:

<i>Pemenang</i>	<i>Bahagian Teknik Kejuruteraan Mekanikal</i>
<i>Tempat kedua</i>	<i>Bahagian Teknik kejuruteaan Elektrik</i>
<i>Tempat Ketiga</i>	<i>Seksyen Jurutera Wanita</i>
<i>Tempat Keempat</i>	<i>Bahagian Teknik Kejuruteraan Geotechnical</i>
<i>Tempat Kelima</i>	<i>Bahagian Teknik Kejuruteraan Kimia</i>
<i>Paling Meningkat</i>	<i>Bahagian Teknikal Kejuruteraan Terowong dan Ruang Bawah Tanah</i>

#### 4.10 Borang Kontrak IEM

MAT dimaklumkan bahawa proses pengenalan Borang Kontrak IEM telah pun dijalankan bagi dua edisi semakan Borang Kontrak IEM iaitu: -

- (i) IEM.CE 2011 - IEM Form of Contract for Civil Engineering Works (Edisi Kedua, Julai 2011); dan
- (ii) IEM.ME 2012 - IEM Form of Contract for Mechanical and Electrical Engineering Works (Edisi Kedua, 2012)

#### 4.11 Lembaga Penasihat Kebakaran (Jawatankuasa Tetap Amalan Profesional)

Setiasaha Kehormat melaporkan bahawa Lembaga Penasihat Kebakaran (FAB) telah mengumpul maklumat pekeliling dan garis panduan terkini yang dikeluarkan oleh Pihak-pihak Berkuasa Tempatan seperti BOMBA. Usaha ini adalah, salah satu perkhidmatan yang diberi kepada ahli-ahli bagi menyampaikan maklumat terkini yang boleh dilayari di Laman Web IEM. Maklumat terdapat di bawah "Penerbitan" carian " Bidang Kuasa (AHJ)".

#### 4.12 Program Pertalian Dan Diskaun Korporat

Satu perjanjian baru telah ditandatangani dengan CIMB untuk menggantikan Program Afinity yang IEM miliki dari Direct Access. Ahli-ahli digalakkan untuk menggunakan perkhidmatan tersebut kerana ia akan membawa manfaat kepada IEM.

IEM juga telah mendapat Diskaun Korporat dari PJ Hilton, Armada Hotel, MPH Book Stores dan juga BP Lab untuk ujian pemeriksaan kesihatan.

#### 4.13 Pasukan Bantuan Bencana

Setiasaha Kehormat melaporkan juga bahawa IEM akan membentuk Pasukan Bantuan Bencana yang boleh digerakkan untuk membantu mangsa-mangsa bencana. Dua puluh (20) orang ahli telah dipilih untuk menerima latihan dari MERCY dan RedR.

#### 4.14 Memorandum Persefahaman

MoU yang telah ditandatangani dalam sesi 2015/2016 dengan Badan-Badan Profesional, Majlis Tempatan dan IPT adalah seperti berikut:

- i) Institusi Jurutera, Bangladesh - ditandatangani pada 31 Januari 2015
- ii) Institusi Jurutera, India - ditandatangani pada 14 Jun 2015
- iii) Majlis Perbandaran Hang Tuah Jaya (MPHTJ) - ditandatangani pada 28 April 2015
- iv) Asia Pacific University of Technology (A.P.U) - ditandatangani pada 9 Januari 2015
- v) Universiti Kebangsaan Malaysia (UKM) - ditandatangani pada 22 Januari 2015
- vi) Universiti Teknologi Malaysia (UTM) - ditandatangani pada 31 Mac 2015
- vii) Universiti Taylor - ditandatangani pada 1 Julai 2015
- viii) Politeknik Sultan Azlan Shah (POLISAS) - ditandatangani pada 9 September 2015
- ix) Universiti Sains Malaysia (USM) - ditandatangani pada 16 Disember 2015



#### 4.15 Cawangan-cawangan IEM

MAT dimaklumkan bahawa :

IEM Cawangan Pulau Pinang telah berjaya menganjurkan CAFEO33 dengan penyertaan lebih daripada 1000 orang.

IEM Cawangan Selatan sungguh aktif dalam merekrut siswa-siswi dan berjaya mendaftar lebih daripada 2,000 orang pelajar dalam tahun 2015.

Pusat Latihan IEM Sabah di Taman Perindustrian Kota Kinabalu telah dibuka secara rasmi pada bulan Jun 2016. IEM Cawangan Sabah juga telah menganjurkan Larian Jurutera IEM dengan memecah rekod penyertaan seramai 2,000 orang pelari.

IEM Cawangan Sarawak juga bergiat aktif dengan lebih daripada 800 tetamu menghadiri Majlis Makan Malam Tahunan mereka. Majlis Makan Malam Tahunan IEM Cawangan Miri yang diadakan pada 5 Mac 2016 telah mendapat perhatian dan liputan meluas oleh media termasuk TV1 RTM.

Cawangan-cawangan lain juga telah berusaha sebaik mungkin dengan menganjurkan ceramah teknikal, lawatan dan kursus untuk manfaat ahli-ahli mereka.

Memandangkan tiada terdapat sebarang komen atau soalan dari para ahli yg hadir, Ir. Dr. Ooi Teik Aun (Hon.F01249) mencadangkan bahawa Laporan Tahunan disahkan. Usul itu disokong oleh YBhg. Tan Sri Datuk Ir. (Dr) Hj. Ahmad Zaidee bin Laidin (Hon.F01019).

#### 5.0 AKAUN BAGI TAHUN BERAKHIR 31 DISEMBER 2015

5.1 Yang DiPertua kemudian menjemput Bendahari Kehormat, Ir. Prof. Dr. Jeffrey Chiang Choong Luin untuk membentangkan penyata kewangan, Institusi Jurutera Malaysia dari tempoh 1 Januari 2015 hingga 31 Disember 2015

5.2 Bendahari Kehormat memaklumkan MAT bahawa penyata kewangan terdiri daripada dua (2) set akaun di mana ruang yang ditandakan dengan "Institusi" merujuk kepada prestasi kewangan IEM (ibu pejabat) dan tidak termasuk kedudukan kewangan cawangan-cawangan IEM. MAT memaklumkan bahawa penyata-penyata kewangan cawangan-cawangan IEM akan difailkan dengan Lembaga Hasil Dalam Negeri (LHDN) Negeri masing-masing.

Beliau juga memaklumkan bahawa ruang yang ditandakan dengan "Kumpulan" merujuk kepada akaun gabungan bagi kedua-dua IEM (ibu pejabat) dan IEM Training Centre Sdn Bhd.

Ruang di mana jumlah yang dipaparkan di bawah "Institusi" ditinggalkan kosong manakala di bawah "Kumpulan" terdapat angka, merupakan jumlah pembayaran / penerimaan di antara IEM dan IEM TC yang telah dilupuskan semasa pengabungan.

5.3 Bendahari Kehormat melaporkan bahawa pada keseluruhannya, Institusi mendapat lebih sebanyak RM493,872 pada tahun 2015 berbanding RM901,929 pada tahun 2014. Beliau juga memaklumkan bahawa lebih RM900,000 pada tahun 2014 adalah disebabkan pembayaran dividen oleh IEM Training Centre Sdn Bhd sebanyak RM500,000.

5.4 Yuran tahunan adalah sebanyak RM3,446,637 pada 2015 berbanding RM3,513,348 pada tahun 2014. Ini menunjukkan penurunan sebanyak 2%.

Tunggakan Yuran Tahunan bagi 2015 adalah sebanyak RM577,058 berbanding RM702,445 pada tahun 2014 manakala kutipan Yuran Tahunan bagi tahun 2015 telah meningkat kepada RM2,869,579 berbanding RM2,812,903 bagi tahun 2014. Ini menunjukkan peningkatan sebanyak 2%.

5.5 MAT selanjutnya dimaklumkan bahawa jumlah pendapatan bagi 2015 meningkat sebanyak 1.4% kepada RM6,226,839 berbanding RM6,139,098.00 pada 2014. MAT turut maklum bahawa penyumbang utama adalah yuran tahunan 55.4%, diikuti oleh pendapatan sewa 28.9%, komisen kad kredit 1.3%, dividen 1.6% dan pendapatan daripada Bahagian Teknikal 5.1%.

5.6 Bendahari Kehormat memaklumkan bahawa jumlah perbelanjaan bagi 2015 meningkat sebanyak RM5,732,967 berbanding RM5,237,169 pada tahun 2014 dengan peningkatan sebanyak 9.5%.

5.7 Peningkatan dalam perbelanjaan terdiri daripada Emolumen Peribadi meningkat 11.5% dan Perbelanjaan Pentadbiran yang meningkat sebanyak 28.4%.

Peningkatan dalam perbelanjaan pentadbiran adalah disebabkan oleh peningkatan dalam pembayaran percetakan, alat tulis serta perbelanjaan pos. Penambahan bilangan keahlian pula menjadi punca peningkatan perbelanjaan pos.

5.8 Yang DiPertua mengucapkan terima kasih kepada Bendahari Kehormat diatas laporan Penyata Kewangan tersebut. Beliau juga memberitahu MAT bahawa Penyata Kewangan telah dicetak di muka surat 178 hingga 198. Yang DiPertua kemudiannya menjemput ahli-ahli untuk mengemukakan sebarang soalan/komen.



## 5.10 Sesi Soalan - Akaun

- 5.10.1. Ir. Gary Lim Eng Hwa (M08898) meminta penjelasan daripada Bendahari Kehormat tentang perbelanjaan yang digunakan untuk bangunan sebanyak RM838.477.

Namun terdapat komen daripada ahli lain bahawa Ir. Gary Lim sebagai ahli Majlis sepatutnya mengemukakan persoalan tersebut lebih awal semasa Mesyuarat Majlis dan bukan semasa Mesyuarat Agung Tahunan. Ir. Gary Lim mengulas bahawa angka-angka tersebut tidak dibentangkan semasa Mesyuarat Majlis.

Pertanyaan tersebut disuarakan semula oleh Ir. Ung Ah Hock (M12218).

Bendahari Kehormat memaklumkan bahawa angka dan akaun yang sama telah dibentangkan di Mesyuarat Majlis pada 21 Mac 2016 dan jumlah yang ditunjukkan termasuk faedah yang dibayar untuk pinjaman yang diambil, susutnilai Wisma IEM serta penyelenggaraan bangunan dan lain-lain perbelanjaan sampingan.

- 5.10.2 Ir. CMM Aboobucker (M13942) meminta penjelasan mengenai Analisis Perbelanjaan tahun 2015 yang menunjukkan perbelanjaan penyelenggaraan bangunan berkurangan sebanyak 9.7%, samada ianya disebabkan oleh susutnilai bangunan tersebut.

Bendahari Kehormat memaklumkan bahawa jumlah yang dipaparkan merujuk kepada pengurangan dalam perbelanjaan penyelenggaraan bangunan.

- 5.10.3 YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691) menyatakan terdapat kesilapan pada halaman 178 di mana terdapat ulangan dalam perenggan enam dan tujuh. MAT mengambil maklum kesilapan atas ulangan tersebut.

- 5.10.4 YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691) seterusnya menegaskan bahawa jumlah keseluruhan yuran tahunan yang sepatutnya diterima sebanyak RM3,446,637, berdasarkan kutipan yuran tahunan yang dijangka, tetapi terdapat tunggakan berjumlah RM577,058 pada akhir tahun. Beliau menyuarakan kebimbangan terhadap jumlah yang amat tinggi yang tidak dapat dikutip oleh pihak IEM.

Bendahari Kehormat mengucapkan terima kasih kepada YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah di atas keperihatinan beliau. Beliau kemudian memaklumkan kepada MAT yang dua peringatan telah dihantar setiap tahun sebagai peringatan kepada ahli untuk membayar yuran tahunan mereka. Sekretariat juga telah membuat panggilan telefon kepada ahli-ahli yang belum membuat pembayaran yuran tahunan untuk mengingatkan mereka supaya menjelaskan tunggakan tersebut. Setiap tahun perkara ini dilakukan bagi merapatkan jurang antara jumlah yang diterima dan jumlah yang dikutip.

- 5.10.5 Memandangkan terdapat perbelanjaan yang berulang setiap tahun untuk menaik taraf dan menyelenggara bangunan, YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) mencadangkan supaya IEM mempertimbang penubuhan satu dana "sinking fund".

Yang DiPertua memaklumkan bahawa buat masa ini IEM tidak mempunyai dana untuk tujuan tersebut tetapi cadangan itu akan dibentangkan di Majlis untuk perbincangan selanjutnya.

- 5.10.6 Ir. Awangku Hidup bin Awangku Hosain (F03053) mencadangkan supaya IEM mempertimbangkan untuk menganjurkan Anugerah Kecemerlangan Yang DiPertua kepada cawangan-cawangan IEM. Beliau menegaskan bahawa cawangan-cawangan IEM terlalu bergantung sepenuhnya kepada subsidi yang dibayar oleh pihak Ibu Pejabat. Pertandingan seperti ini, pada pendapat beliau akan menggalakkan cawangan-cawangan IEM supaya lebih aktif dan seterusnya menjana pendapatan yang lebih.

Yang DiPertua mengucapkan terima kasih kepada Ir. Awangku Hidup bin Awangku Hosain di atas cadangan tersebut dan memaklumkan bahawa usul tersebut akan dipertimbangkan oleh Jawatankuasa Kerja.

- 5.10.7 Ir. Ung Ah Hock (M12218) mempersoalkan tentang Analisis Perbelanjaan pada tahun 2015 di bawah item Kos Kewangan yang telah menunjukkan penurunan sebanyak 68.5%. Beliau merujuk kepada persoalan perbelanjaan ke atas bangunan kira-kira RM1 juta dan meminta dinyatakan pecahan butiran kos tersebut.

Bendahari Kehormat memaklumkan bahawa pengurangan dalam kos kewangan sebanyak 68.5% adalah disebabkan oleh pengurangan bayaran faedah bank memandangkan pembayaran balik yang telah dibuat IEM ke atas pinjaman bank.

Akauntan seterusnya menjelaskan dengan merujuk kepada halaman 187 (perkara ke-9 - pinjaman) di mana baki pinjaman telah dikurangkan (turun) dari RM5,958,590 pada tahun 2014 kepada RM3,220.260 pada tahun 2015. Ini telah menyebabkan penurunan sebanyak 68.5% dalam kos kewangan.

- 5.10.8 Oleh kerana tiada soalan lain dari ahli-ahli, Ir. Yong Kee Chiang (F01922) mencadangkan Penyata Akaun bagi IEM bagi tahun berakhir 31 Disember 2015 disahkan. Usul itu disokong oleh Ir. Yap Soon Hoe (F04086). MAT menerima dan mengesahkan Penyata Kewangan tersebut.



## 6.0 PENYATA KEWANGAN DANA PENDIDIKAN - 31 DISEMBER 2015

6.1 Bendahari Kehormat kemudian melaporkan mengenai Penyata Kewangan Tabung Pendidikan bagi tahun berakhir 31 Disember 2015 daripada halaman 199 hingga halaman 205.

6.2 MAT memaklumkan bahawa derma yang diterima adalah berjumlah RM54,757 pada tahun 2015 berbanding RM33,213 pada tahun 2014. Faedah Deposit Tetap yang diperolehi berjumlah RM37,087 berbanding RM34,525 pada tahun 2014.

Bendahari Kehormat mengucapkan terima kasih kepada semua ahli kerana kesudian mereka membuat sumbangan pada tahun 2015.

Dari segi perbelanjaan, Bendahari Kehormat melaporkan bahawa biasiswa yang diberikan pada 2015 berjumlah RM40,500. Beliau juga memaklumkan bahawa perbelanjaan lain adalah subsidi untuk penganjuran ceramah berjumlah RM37,364, Persidangan Luar Negara RM30,932 dan Subsidi Bahagian Pelajar sebanyak RM 3,500.

6.3 Bendahari Kehormat merumuskan laporan Tabung Pendidikan dengan memaklumkan bahawa terdapat defisit sebanyak RM29,379 pada prestasi keseluruhan bagi tahun berakhir 31 Disember 2015. Oleh kerana Tabung Pendidikan adalah dana yang dikecualikan cukai, akaun terpaksa mematuhi peraturan Lembaga Hasil Dalam Negeri (LHDN) di mana sekurang-kurangnya 50% daripada sumbangan yang diterima pada tahun sebelumnya perlu dibelanjakan untuk objektif dana tersebut. Keperluan tersebut telah pun dipatuhi pada 2015.

6.4 Yang DiPetua kemudian mengucapkan terima kasih kepada Bendahari Kehormat di atas laporan Dana Pendidikan dan menjemput para ahli megemukakan soalan berkenaan laporan Bendahari Kehormat. Memandangkan tiada sebarang komen yang diutarakan, Ir. Tan Koh Yon (M11075) mencadangkan supaya Akaun Dana Pendidikan diterima. Usul itu disokong oleh Ir. Jagathisen a/l Siva Perumal (M05107). MAT sebulat suara menerima Akaun Dana Pendidikan.

## 7.0 PERBINCANGAN ISU BERTULIS DARIPADA AHLI YANG TELAH MENGHANTAR NOTIS BERTULIS.

Yang DiPertua memaklumkan bahawa IEM telah menerima tiga (3) resolusi dari ahli-ahli untuk dibentangkan pada Mesyuarat Agung Tahunan ke-57. Resolusi-resolusi tersebut seperti berikut:-

### 7.1 1. Resolusi No. 1 - pencadang: Ir. Gary Lim Eng Hwa (F08898)

**“Jawatankuasa Kerja dan Majlis IEM mematuhi arahan daripada Lembaga Jurutera, Malaysia untuk tidak menggunakan Engr. dan tidak mengambil tindakan undang-undang untuk mencabar Lembaga Jurutera, Malaysia atas arahan mengenai penggunaan Engr.”**

7.1.1 Yang DiPertua kemudiannya memberikan penjelasan ringkas mengenai latar belakang isu "Engr." MAT dimaklumkan bahawa isu "Engr." adalah perkara yang lama. IEM telah memohon campur tangan dari YB Menteri Kerja Raya, di mana YB Menteri telah mengatur satu dialog antara IEM dan BEM. Daripada dialog tersebut, YB Menteri Kerja Raya membuat kesimpulan supaya perkara itu dirujuk kepada Pejabat Peguam Negara untuk pandangan mengenai tafsiran Akta Pendaftaran Jurutera yang berkaitan dengan isu ini.

Majlis IEM di mesyuaratnya pada 21 Mac 2016 telah bersetuju untuk mematuhi keputusan YB Menteri untuk membawa isu ini kepada pejabat Peguam Negara bagi mendapat pandangan mereka sebelum tindakan selanjutnya diambil.

Lanjutan daripada nasihat YB Menteri Kerja Raya, IEM melalui keputusan Mesyuarat Majlis, telah mengeluarkan suatu pekeliling kepada semua ahli pada 26 Mac 2016, melalui edaran email dan juga paparan dimuka depan laman web IEM supaya berhenti menggunakan "Engr." sementara menunggu keputusan dari pejabat Peguam Negara. Surat pekeliling telah dihantar bersama-sama dengan Jurutera bulan April 2016. Yang DiPertua mengulangi bahawa IEM telahpun mengambil tindakan-tindakan pentadbiran yang sewajarnya.

Walau bagaimanapun, IEM menerima resolusi dari Ir. Gary Lim Eng Hwa untuk IEM mematuhi arahan dari Menteri Kerja Raya dan pada masa yang sama tidak mengambil apa-apa tindakan undang-undang mengenai isu tersebut.

7.1.2 Yang DiPertua kemudian menjemput Ir. Gary Lim Eng Hwa untuk membentangkan resolusi beliau sebelum dibincangkan dalam Mesyuarat Agung Tahunan.

7.1.3 Ir. Yap Soon Hoe (F04086) menyatakan bahawa tidak betul untuk Ir. Gary Lim membentangkan resolusi semasa Mesyuarat Agung Tahunan kerana beliau adalah sebahagian dari ahli Majlis dan beliau perlu akur dengan keputusan yang dibuat oleh Majlis. Isu itu telahpun dibincangkan dalam Mesyuarat Majlis pada bulan Mac dan keputusan Majlis telah pun ditetapkan.

Yang DiPertua namun telah memberi kebenaran untuk Ir. Gary Lim meneruskan pembentangan resolusi beliau, setelah mendapat persetujuan semasa MAT.





- 7.1.4 Ir. Gary Lim memaklumkan bahawa IEM berfungsi atas dasar konsensus, maka apabila ahli mengundi untuk sesuatu isu tertentu dan cadangan tersebut tidak diterima maka beliau mempunyai hak sebagai ahli IEM untuk pendapatnya didengari oleh ahli-ahli lain. Beliau kemudian memaklumkan MAT bahawa isu tersebut melibatkan tindakan undang-undang dan kos undang-undang boleh mencecah sehingga RM500,000. Proses undang-undang dengan Lembaga Jurutera Malaysia (BEM) akan mengambil masa, kewangan dan sumber. Beliau menyatakan bahawa proses itu akan melibatkan kos undang-undang, yang secara tidak langsung melibatkan ahli-ahli IEM disebabkan dana IEM adalah milik ahli-ahlinya.

Beliau meminta direkodkan bahawa Jawatankuasa Kerja IEM telah mencadangkan "untuk menggunakan semua proses undang-undang untuk mendapat pengesahan samada IEM boleh atau tidak boleh menggunakan" Engr.". Bagaimanapun, semasa mesyuarat Majlis yang berikutnya, isu ini telah dibincangkan dan undian telah dibuat dan keputusan Majlis adalah "IEM akan menunggu keputusan dari Pejabat Peguam Negara dan kemudian akan membincangkan tindakan yang akan diambil selanjutnya".

Beliau juga menjelaskan bahawa sekiranya Majlis tidak membuat keputusannya, maka Jawatankuasa Kerja akan meneruskan tindakan untuk menggunakan semua proses undang-undang dan peruntukan dana untuk tindakan undang-undang tersebut akan dipergunakan.

- 7.1.5 Ir. Gary Lim mengulangi penjelasan beliau dengan menegaskan bahawa IEM tidak mempunyai hak pemilikan terhadap "Engr." dan juga tidak boleh mendaftar untuk memiliki hak ke atas "Engr" tersebut.

Beliau juga memaklumkan MAT bahawa terdapat kes seorang yang bukan ahli IEM yang menggunakan gelaran "Engr" dan kemudian ditukar kepada "Eng." Perkara ini boleh menimbulkan kekeliruan kepada orang ramai.

- 7.1.6 Yang DiPertua memaklumkan bahawa Majlis telah mengikuti arahan Menteri Kerja Raya untuk menunggu keputusan dari pejabat Peguam Negara. Ahli yang hadir kemudiannya dijemput untuk memberi pandangan mereka.

- 7.1.7 YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) mengulas bahawa kenyataan dari Ir. Gary Lim mungkin kurang tepat kerana ia telah memberi gambaran bahawa Ahli Majlis dan Ahli Jawatankuasa Kerja mempunyai sikap tidak bertanggungjawab.

Beliau menambah bahawa Perlembagaan membenarkan Jawatankuasa Kerja untuk bertindak bagi pihak Majlis di masa antara mesyuarat Majlis. Majlis boleh membincangkan dan membatalkan apa-apa keputusan Jawatankuasa Kerja, di mana perlu. Beliau menegaskan bahawa cara operasi Jawatankuasa Kerja dan Majlis amat berbeza dari pemahaman Ir. Gary Lim.

Beliau juga mengulas bahawa ahli IEM adalah profesional dan isu tersebut perlu diselesaikan secara profesional dan bukannya berandaian bahawa akan terdapat sekumpulan orang-orang yang akan menentang resolusi tersebut.

- 7.1.8 Ir. Ung Ah Hock (M12218) menyuarakan kebimbangan di atas slaid yang menyatakan bahawa "Majlis bersetuju untuk mematuhi arahan Menteri Kerja Raya untuk tidak menggunakan Engr. sehingga menerima keputusan dari pejabat Peguam Negara sebelum membuat keputusan mengenai tindakan seterusnya yang akan diambil". Beliau bertanyakan tindakan yang akan dilakukan seterusnya.

Yang DiPertua memaklumkan bahawa Majlis masih belum membuat sebarang keputusan untuk tindakan seterusnya dan ianya akan bergantung kepada keputusan dari pejabat Peguam Negara. Tindakan yang akan dipilih berkemungkinan adalah menerima keputusan Pejabat Peguam Negara atau membuat rayuan jika keputusan tidak memihak kepada IEM. Bagaimanapun, beliau memaklumkan bahawa Majlis belum membuat sebarang keputusan mengenai perkara itu lagi.

- 7.1.9 Ir. Ung Ah Hock (M12218) menegaskan bahawa sekiranya Majlis memutuskan untuk meneruskan dengan tindakan undang-undang, kemungkinan ahli-ahli tidak akan mengetahui keputusan Majlis tersebut. Beliau menambah bahawa perbelanjaan yang tinggi akan digunakan jika tindakan undang-undang diambil dan berpendapat bahawa adalah lebih baik jika peruntukan tersebut digunakan untuk Dana Bangunan.

- 7.1.10 Ir. Lai Sze Ching (F04687) memberi penjelasan mengenai kos undang-undang seperti yang dibentangkan oleh Ir. Gary Lim sebelum ini.

Ir. Lai memaklumkan bahawa jika IEM bercadang untuk meneruskan tindakan undang-undang, ia akan melibatkan "declaratory" atau "court order" atas pentaksiran Akta. Kos undang-undang tersebut tidak akan melebihi RM40,000 dan Majlis telahpun meluluskan peruntukan sebanyak RM100,000. Belum ada lagi perbincangan samada isu ini akan dibawa ke mahkamah tinggi ataupun sebaliknya.

- 7.1.11 Ir. Chong Pick Eng (P.E Chong) (HonF01214) memaklumkan bahawa beliau adalah seorang peguam yang berkelayakan dan ingin menjelaskan tentang tindakan undang-undang yang disuarakan oleh Ir. Gary Lim.

Ir. P.E Chong menjelaskan bahawa tindakan undang-undang yang dicadangkan oleh IEM adalah untuk memohon "Declaratory Order", yang merupakan keputusan "ex parte". Keputusan "ex parte" akan dibuat oleh pihak hakim tanpa kehadiran mana-mana pihak. Oleh itu, "Declaratory Order" adalah pendekatan tanpa konfrontasi.

"Declaratory Order" adalah satu pendekatan untuk mendapatkan tafsiran Akta daripada mahkamah sebelum IEM membuat sebarang keputusan samada untuk meneruskan atau tidak dengan tindakan seterusnya.

Tindakan undang-undang melibatkan mahkamah pada pelbagai peringkat dengan hakim yang berbeza hierarkinya. Beliau juga menjelaskan bahawa andaian Ir. Gary Lim dengan jumlah sebanyak RM 500,000 adalah tidak wajar kerana kos tindakan undang-undang berbeza mengikut tahap mahkamah seperti Mahkamah Tinggi atau Mahkamah Rayuan.





7.1.12 Ir. Lee Weng Onn (F08103) berpendapat bahawa isu yang diketengahkan oleh Ir. Gary Lim yang "IEM berjuang tanpa manfaat" adalah tidak tepat.

Ir. Lee seterusnya menjelaskan keperluan penggunaan gelaran "Engr.". Beliau memaklumkan bahawa Ahli Siswazah IEM sangat berbangga dengan penggunaan gelaran tersebut dan gelaran itu juga disanjung tinggi di kalangan Ahli Siswazah dan merupakan salah satu faktor penggalakan para siswazah untuk menjadi ahli IEM.

7.1.13 Ir. Tengku Salehudin bin Tengku Bakar (M12504) melahirkan kebimbangan mengenai implikasi kos yang terpaksa ditanggung jika Majlis atau Jawatankuasa Kerja memutuskan untuk mengikut saluran undang-undang dan keputusan tidak berpihak pada IEM. Beliau menambah mungkin ahli-ahli IEM ingin menyuarakan pendapat tentang perkara ini kerana ia melibatkan jumlah kos yang tinggi.

Ir. Lee Weng Onn kemudian menjelaskan bahawa Majlis telah meluluskan bajet RM100,000 dan jika jumlah ini dibahagikan dengan 40,000 ahli, ia cuma melibatkan kos sebanyak RM2.50 setiap ahli.

7.1.14 Ir. Ung Ah Hock (M12218) tidak bersetuju dengan komen bahawa kos yang ditanggung oleh setiap ahli adalah hanya sedikit sahaja. Beliau berpendapat bahawa perkara itu perlu dipertimbangkan sama ada ia berbaloi untuk membelanjakan wang pada gelaran "Engr." tersebut. Beliau berpendapat bahawa pertimbangan yang sewajarnya perlu dibuat samada kos guaman adalah wajar ataupun tidak. Beliau mencadangkan bahawa bajet yang diperuntukkan adalah lebih wajar digunakan untuk tujuan lain seperti untuk pembayaran pinjaman pembelian bangunan IEM.

7.1.15 YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01619) menegaskan bahawa resolusi yang dicadangkan oleh Ir. Gary Lim supaya IEM tidak patut mengambil tindakan undang-undang kerana ini melibatkan wang ahli IEM sekadar untuk memperjuangkan gelaran "Engr." yang mana gelaran tersebut bukanlah milik eksklusif IEM. Tambahnya lagi, resolusi Ir. Gary Lim tidak memaksa IEM berhenti daripada mengambil apa-apa tindakan lain berkenaan dengan gelaran "Engr." itu, seperti merayu kepada pihak berkuasa yang lebih tinggi. Beliau menjelaskan bahawa kebimbangan Ir. Gary Lim adalah kos yang terpaksa ditanggung jika mengambil prosiding undang-undang yang melibatkan wang IEM, dan akan membebaskan ahli-ahli IEM pada keseluruhannya.

7.1.16 YBhg. Ahli Akademik Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin (Hon.F01019) menyatakan bahawa beliau pada asalnya memang menentang idea mempertahankan gelaran "Engr." Walau bagaimanapun beliau telah mengubah pendiriannya selepas melihat reaksi kebanggaan ibu bapa apabila anak-anak mereka dapat menggunakan gelaran "Engr." itu. Beliau telah melihat sendiri persepsi yang amat bernilai bagi graduan jurutera untuk menggunakan gelaran tersebut. Oleh itu, idea menggunakan gelaran "Engr." perlu diteruskan dan dilaksanakan.

Beliau turut menambah bahawa YB Menteri, yang juga seorang peguam telah berjanji untuk membantu mengenai hal ini dan IEM perlu menunggu keputusan beliau. Masih terdapat cara lain untuk membuat rayuan jika keputusan Menteri Kerja Raya tidak menggalakkan yakni pendekatan selain prosiding undang-undang adalah mengadakan perundingan dengan BEM untuk IEM terus menggunakan gelaran tersebut

7.1.17 Ir. Lee Weng Onn (F08103) mengulangi dan memaklumkan bahawa dengan bajet yang diluluskan RM100,000, ahli-ahli hanya membayar RM2.50 seorang. Beliau berpendapat bahawa jumlah ini adalah kecil jika dibandingkan dengan kebanggaan Institusi yang tidak ternilai harganya.

7.1.18 Ir. Ng Yong Kong (M05043) mengulas bahawa beliau telah lewat sampai iaitu selepas Majlis selesai membuat keputusan. Pada pendapat beliau, IEM perlu menunggu keputusan daripada Pejabat Peguam Negara sebelum meneruskan ke prosiding seterusnya. IEM harus cuba untuk menyelesaikan masalah ini tanpa membabitkan implikasi kos. Pendapat beliau adalah sama dengan ahli-ahli lain yang telah memberikan pandangan sebelum beliau, bahawa bajet yang diperuntukkan harus digunakan untuk dana bangunan.

7.1.19 Ir. Ung Ah Hock (M12218) menyatakan serta mencadangkan supaya ahli yang ingin terus menggunakan tindakan undang-undang patut menanggung segala kos perbelanjaan itu secara sendiri dan bukan oleh IEM.

7.1.20 Ir. Lee Choy Hin (F05271) mengulas bahawa perbincangan setakat ini masih mengenai isu wang. Pada pendapat beliau IEM perlu memberi pencerahan kepada ahli-ahli samada pendekatan yang diambil adalah penting untuk meneruskan tindakan undang-undang. Ahli-ahli perlu mengambil kira kos undang-undang dalam membuat keputusan mengenai isu ini. Seperti yang sedia maklum semua pandangan telahpun diperdengarkan maka beliau mencadangkan supaya ahli-ahli MAT membuat pengundian samada IEM perlu meneruskan dengan tindakan undang-undang atau sebaliknya dan tidak membahaskan isu ini lagi.

7.1.21 YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) menegaskan bahawa resolusi seperti ini perlu dimasukkan ke dalam "agenda". Beliau merasakan bahawa resolusi spontan untuk terus mengundi adalah tidak wajar dan jika perlu, IEM patut mengadakan satu Mesyuarat Agung Khas (SGM) dimana ahli-ahli perlu diberi masa untuk membincangkan samada mereka bersetuju dengan keputusan yang dibuat ataupun sebaliknya. Beliau mencadangkan resolusi ini perlu dibincangkan dan dipertimbangkan semula.

7.1.22 Ir. Gary Lim menegaskan bahawa beliau telah menghantar resolusi sebelum tarikh akhir pada 1 April 2016.



- 7.1.23 Yang DiPertua menjawab bahawa MAT telah mendengar semua pandangan daripada ahli-ahli dan seperti yang dijelaskan sebelum ini, Majlis IEM dalam mesyuaratnya pada 21 Mac 2016 telah bersetuju untuk mematuhi nasihat Menteri untuk menunggu sehingga menerima keputusan dari pejabat Peguam Negara sebelum memutuskan tindakan seterusnya. IEM telahpun mengambil langkah-langkah yang sewajarnya dari segi pentadbiran.

Beliau mengulangi bahawa Majlis berasa terlalu awal untuk tindakan undang-undang diambil sebelum menerima keputusan dari pejabat Peguam Negara. Beliau berkata Peguam Negara juga mungkin tidak dapat membuat sebarang keputusan, dan akan meminta kedua-dua pihak untuk menghantar wakil mereka untuk membentangkan kes tersebut. Majlis akan membuat keputusan mengenai apa yang perlu dilakukan dan meminta ahli bersikap rasional dan mempercayai tindakan Majlis.

Yang DiPertua kemudiannya meminta ahli, mengundi samada menerima resolusi dari Ir. Gary Lim.

- 7.1.24 YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) mengulangi dan menyatakan bahawa beliau tidak bersetuju jika keputusan dibuat pada hari itu. Beliau merasakan bahawa ketetapan itu hendaklah ditulis sepenuhnya sebagai satu perkara di dalam "agenda". Beliau juga mengulas bahawa ahli-ahli yang menghadiri MAT tidak mempunyai hak sepenuhnya untuk membuat keputusan, cara yang sebenarnya adalah dengan membuat pungutan suara dari semua ahli-ahli dan bukan dari sebahagian ahli yang hadir MAT sahaja.
- 7.1.25 Ir. Vincent Chen Kim Kieong (Hon.F05128) mengulas bahawa keseluruhan isu adalah mengenai tafsiran. BEM menterjemahkan Fasal 7 (aa) (ii) daripada REA bahawa dengan penggunaan "Engr." ia akan disalahertikan bahawa orang itu ialah seorang Jurutera Profesional. Walau bagaimanapun, Majlis tidak bersetuju dengan tafsiran tersebut.

Beliau menjelaskan bahawa jika seorang Ahli Siswazah menggunakan gelaran "Engr." ia mesti digunakan bersama dengan akhiran "Grad.IEM" untuk mereka yang bukan Jurutera Profesional. Beliau berkata bahawa IEM bukan bertujuan untuk mengelirukan orang ramai, tetapi untuk memberi hak yang sewajarnya untuk peningkatan profesion jurutera. Para ahli juga diingatkan bahawa IEM tidak akan cuba untuk mencabar keputusan BEM, tetapi hanya meminta mahkamah untuk memberi tafsiran yang sewajarnya.

Beliau menambah bahawa Majlis telah memutuskan untuk menunggu keputusan dari pejabat Peguam Negara sebelum membuat apa-apa keputusan dan ahli perlu menunggu dan yakin terhadap kebijaksanaan Majlis.

Cadangan ini hanya untuk mendapatkan 'Declaratory Order' dari mahkamah yang mungkin akan atau tidak berpihak kepada IEM. Jika ia tidak menyebelahi IEM, Majlis akan membuat keputusan lagi.

Walaupun bagaimanapun, kerana adanya penerimaan resolusi, maka satu-satunya cara untuk menyelesaikan dan memutuskan resolusi ini adalah melalui Mesyuarat Agung Khas (MAK).

Ir. Vincent Chen Kim Kieong kemudiannya mencadangkan untuk mengadakan Mesyuarat Agung Khas (MAK) bagi membincangkan resolusi ini. Beliau berkata bahawa untuk Mesyuarat Agung Khas ini (MAK), suatu notis mesyuarat yang memenuhi garis panduan perlu diedarkan kepada ahli-ahli.

- 7.1.26 Yang DiPertua kemudian meminta sokongan untuk usul IEM mengadakan Mesyuarat Agung Khas (MAK). Yang DiPertua meminta ahli-ahli untuk membuat keputusan samada untuk mengundi atau untuk meneruskan Mesyuarat Agung Khas (MAK).
- 7.1.27 YBhg. Datuk Ir. Rosaline Ganendra (F06033) menegaskan bahawa perkara itu merupakan perkara agenda, oleh itu, MAT tidak harus mengundi untuk mengadakan Mesyuarat Agung Khas (SGM). Beliau mengulangi bahawa resolusi bertulis telah dihantar dengan adanya pencadang dan penyokong serta notis sewajarnya telah pun dikeluarkan. Garispanduan yang betul telah juga dipatuhi.

Beliau berpendapat bahawa MAT perlu terus membuat pengundian samada untuk meneruskan atau tidak dengan prosiding undang-undang. Beliau berkata bahawa mengikut Perlembagaan dan Undang-Undang Kecil, tidak ada pilihan lain selain dari membuat pengundian. Sekiranya ada ahli yang tidak bersetuju atas keputusan dari pejabat Peguam Negara, mereka boleh meminta untuk mengadakan Mesyuarat Agung Khas (SGM).

- 7.1.28 Ir. Vincent Chen Kim Kieong tidak bersetuju dengan komen daripada YBhg. Datuk Ir. Rosaline Ganendra yang menyatakan bahawa notis sewajarnya telah diberi. Beliau memaklumkan bahawa walaupun Ir. Gary Lim telah mengemukakan resolusi beliau, majoriti ahli-ahli tidak menyedari kandungan resolusi tersebut.
- 7.1.29 YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon. F01619) mengulas bahawa resolusi telah diserahkan sebelum tarikh akhir tetapi Setiausaha gagal mengedarkan kepada para ahli.

Beliau berkata bagi Mesyuarat Agung Khas (SGM), notis pemberitahuan mestilah diedarkan kepada Keahlian Korporat sekurang-kurangnya dua puluh satu (21) hari sebelum mesyuarat diadakan. Beliau merujuk kepada Perlembagaan, halaman 30, perkara 7.8 seperti di bawah;

*Mesyuarat Agung Khas (SGM)*

*7.8 Notis bagi Mesyuarat Agung Khas hendaklah diedarkan kepada Keahlian Korporat sekurang-kurangnya dua puluh satu (21) hari sebelum mesyuarat. Notis itu hendaklah menyatakan secara am jenis perkara yang akan diperbincangkan dan resolusi (jika ada) yang akan dibawa pada mesyuarat itu dan tiada perkara lain yang akan dilaksanakan semasa mesyuarat tersebut.*



7.1.30 Yang DiPertua kemudian merujuk kepada Perlembagaan, halaman 30, perkara 7.6 seperti berikut:

*Mesyuarat Agung Tahunan*

*7.6 Bisnes Mesyuarat Agung Tahunan adalah pembentangan Laporan dari Majlis berkenaan prestasi/aktiviti tahun sebelumnya, penyata kewangan yang telah diaudit, pengisytiharan keputusan undi bagi pemilihan Pegawai-pegawai Institusi, pemilihan juruaudit dalaman, pelantikan juruaudit luar, upacara perantukan Yang diPertua dan pertimbangan lain-lain hal yang termaktub di dalam peraturan pertubuhan ini.*

Yang DiPertua memaklumkan bahawa, seperti yang ditegaskan oleh YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon. F01619), terjadinya isu pentadbiran kerana kegagalan pihak Setiausaha untuk mengedarkan resolusi tersebut kepada ahli-ahli.

Pada ketika ini, terdapat beberapa terdapat percanggahan pendapat dari beberapa ahli-ahli yang hadir.

7.1.32 Timbalan Yang DiPertua memaklumkan kepada MAT bahawa beliau menyokong sepenuhnya keputusan dari ahli-ahli untuk membuat pengundian, tetapi terdapat klausa dalam Perlembagaan, halaman 30, perkara 7.5 yang menyatakan : -

*Mesyuarat Agung Tahunan*

*7.5 Notis Mesyuarat Agung Tahunan akan diedarkan kepada semua ahli-ahli sekurang-kurangnya empat (4) minggu sebelum Mesyuarat Agung Tahunan.*

Timbalan Yang DiPertua terus memaklumkan bahawa resolusi tersebut diterima pada 31 Mac 2016, iaitu kurang daripada empat (4) minggu sebelum tarikh Mesyuarat Agung Tahunan. Oleh yang demikian, resolusi itu tidak dapat dibentangkan sebagai agenda di bawah perkara 5. Ahli telah menerimanya sebagai perkara untuk dibincangkan tetapi tidak ramai ahli mengetahui resolusi tersebut.

Beliau merasakan bahawa demi kesemua ahli-ahli Institusi, cara terbaik adalah untuk mengadakan Mesyuarat Agung Khas (SGM). Beliau mencadangkan supaya kedua-dua resolusi yang dikemukakan oleh Ir. Gary Lim dibincangkan di Mesyuarat Agung Khas (SGM). Tarikh yang dicadangkan adalah tiga (3) bulan dari tarikh Mesyuarat Agung Tahunan.

Beliau menambah bahawa sebelum Mesyuarat Agung Khas (SGM) diadakan, IEM tidak akan mengambil apa-apa tindakan undang-undang berkenaan isu "Engr."

Timbalan Yang DiPertua meminta kesepakatan daripada ahli-ahli diatas cadangan tersebut dengan membuat pengundian "mengangkat tangan" dari ahli-ahli.

7.1.33 Cadangan untuk para ahli mengundi secara 'mengangkat tangan' untuk mengadakan Mesyuarat Agung Khas diterima. Hasil pengundian adalah seperti berikut:

**Menyokong - 228Ahli**  
**Membantah - 43 Ahli**  
**Berkecuali - 26 Ahli**

Dengan keputusan undian seperti di atas, maka MAT bersetuju untuk mengadakan Mesyuarat Agung Khas (SGM). Tarikh Mesyuarat Agung Khas (SGM) akan ditentukan oleh Majlis.

7.2 **2. Resolusi No. 2 - pencadang: Ir. Gary Lim Eng Hwa (F08898)**

**"Jawatankuasa Kerja dan Majlis IEM memutuskan untuk membubarkan IEM Academy Sdn Bhd"**

Hujah beliau - IEM A telah ditubuhkan untuk mengendalikan kursus pentauliahan sepertimana yang diberitahu dalam mesyuarat Majlis, tetapi kesemuanya TIDAK menjadi kenyataan dan strategi KELUAR itu tidak dilaksanakan. Sebaliknya IEM TC menyerahkan beberapa tugas kursus latihan kepada IEM A, oleh itu IEM A menunjukkan keuntungan yang sangat baik dalam menjalankan kursus latihan tersebut.

Seperti keputusan undian di atas maka resolusi ini juga akan dibincangkan pada Mesyuarat Agung Khas (SGM).

7.3 **3. Surat dari Ahli – Mr. Chan Foo Ching – G08133**

**Isu beliau adalah "penggunaan produk yang tidak memenuhi syarat dalam "Industri Perlindungan Kebakaran".**

Yang DiPertua memaklumkan bahawa IEM telah menghubungi Mr. Chan Foo Ching untuk menjemput beliau ke mesyuarat Lembaga Penasihat Kebakaran (FAB) untuk maklumat lanjut dan penjelasan mengenai isu yang dibangkitkan, sebelum tindakan selanjutnya diambil.

Yang DiPertua kemudiannya bertanya kepada Mr. Chan Foo Ching, samada beliau bersetuju dengan cadangan tersebut. Mr. Chan Foo Ching telah bersetuju untuk menerima pelawaan itu dan beliau akan menunggu jemputan daripada Lembaga Penasihat Kebakaran IEM (FAB).



## 8.0 PINDAAN PERLEMBAGAAN IEM

8.1 Yang DiPertua membentangkan pindaan Perlembagaan yang dicadangkan seperti di halaman 6 Laporan Tahunan. Ahli-ahli di Mesyuarat Agung Tahunan diberitahu bahawa cadangan pindaan telah diedarkan kepada semua ahli-ahli melalui e-mel dan melalui pos.

### 8.1.1 Perkara 5.1 Pinda Perlembagaan untuk membenarkan

- (k) 5 kerusi untuk Ahli Siswazah di dalam Majlis dengan hak mengundi.  
 (l) 1 kerusi untuk Jurutera Wanita di dalam Majlis dengan hak mengundi

Yang DiPertua menjelaskan bahawa bagi perkara (k), kini terdapat 9,430 Ahli Siswazah dan 179 Ahli "Companion" di IEM - hampir menyamai bilangan Ahli Korporat. Tujuannya adalah untuk memberi pendedahan dan latihan kepada mereka sebagai pemimpin masa depan IEM. Beliau memaklumkan bahawa YES telah diberi tanggungjawab untuk menganjurkan beberapa aktiviti IEM yang tidak terhad kepada bahagian mereka, seperti penganjuran Minggu Jurutera dan Larian Jurutera.

Manakala bagi perkara (l), MAT dimaklumkan bahawa Jurutera Wanita dalam IEM tidak termasuk pelajar berjumlah 3,269. Lebih daripada 7,000 Ahli Siswa - jurutera masa depan, adalah wanita. Beliau memaklumkan bahawa peranan wanita kini menjadi semakin penting dan agensi-agensi atau organisasi menyahut seruan Perdana Menteri untuk memperuntukkan 30% jawatan untuk wanita.

Manakala bagi item (l), MAT memaklumkan bahawa Jurutera Wanita dalam IEM tidak termasuk pelajar adalah 3,269. Lebih 7,000 Ahli Pelajar - jurutera masa depan, adalah wanita. Beliau memaklumkan bahawa peranan wanita kini menjadi semakin penting, beliau menyeru agensi-agensi atau organisasi menyahut seruan Perdana Menteri untuk memperuntukkan 30% jawatan untuk wanita.

Yang DiPertua mencadangkan untuk mengundi secara 'mengangkat tangan' untuk Perkara 5.1, item (k & l).

8.1.1.1 Ir. Tan Keng Lock (M03784) membangkitkan persoalan - "jika Ahli Siswazah pada masa ini tidak mempunyai hak untuk mengundi sebagai ahli umum, mengapa mereka harus mempunyai hak mengundi dalam Majlis yang akan mempunyai kesan ke atas pengundian Majlis".

Timbalan Yang DiPertua memberi penjelasan bahawa beliau telah membuat kajian mengenai keahlian IEM dan setakat ini IEM mempunyai Ahli Korporat yang lebih ramai, berbanding Ahli Bukan Korporat (lebih kurang 3:1). Bagi Ahli Bukan Korporat, Ahli Siswazah dan Companion adalah lebih kurang 10,000 yang bersamaan dengan 23% daripada jumlah ahli IEM. Memberikan mereka (5) kerusi akan membolehkan mereka menjadi lebih aktif dalam aktiviti IEM kerana banyak aktiviti yang telah dianjurkan dengan bantuan dari Siswazah yang bukan MIEM. Untuk melayakkan diri sebagai Ahli Siswazah IEM, seorang graduan kejuruteraan perlu melalui proses permohonan dan penilaian untuk memastikan bahawa mereka telah lulus dengan ijazah kejuruteraan yang diiktiraf di bawah Washington Accord. Tambahnya lagi, ramai jurutera-jurutera tidak berkerja dengan syarikat yang mengamalkan bidang kejuruteraan konvensional di mana mereka perlu menjadi Jurutera Profesional.

Tambahan pula, terdapat kebimbangan bahawa bilangan Ahli Korporat telah agak kurang berkembang sejak 10 tahun yang lalu. Kos semakin meningkat dan jika ini berterusan untuk jangka masa panjang, maka IEM tidak akan dapat dikekalkan. Oleh itu, jika graduan tidak diberi lebih peluang, untuk mereka mengambil bahagian dalam IEM, kemungkinan mereka akan menyertai organisasi luar yang lain di mana mereka diberi peranan yang lebih aktif. Pemilihan untuk calon-calon ke Majlis sebanyak lima (5) kerusi tersebut akan dilakukan oleh pihak YES.

Pindaan ini boleh dianggap sebagai satu projek jangka panjang IEM, demi masa depan yang mampan. Dengan hanya lima (5) kerusi, tidak akan memberi impak besar kepada keputusan Majlis kerana Ahli Majlis terdiri daripada enam puluh empat (64) orang ahli. Beliau menekankan kepentingan Ahli Siswazah untuk mengambil bahagian secara aktif dan dihargai sebagai ahli IEM. Bagi Jurutera Wanita pula, pemberian kerusi tambahan adalah untuk mereka mengambil bahagian secara lebih aktif.

8.1.1.2 Ir. Gan Thian Eng (M04904), mempersoalkan mengapa pindaan tidak diedarkan kepada ahli-ahli yang sepatutnya dilakukan sebelum AGM.

Yang DiPertua menjelaskan bahawa pengedaran untuk ahli hanya akan dilakukan setelah pindaan perlembagaan diluluskan oleh Mesyuarat Agung Tahunan. Peruntukan ini telah ditetapkan dalam Perlembagaan IEM.

8.1.1.3 YBhg. Ahli Akademik Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin (Hon.F01019) mengulas bahawa Perlembagaan IEM ini telah menetapkan dua (2) kategori keahlian; Ahli Korporat dan Ahli Bukan Korporat. Cadangan yang dikemukakan adalah untuk pindaan Perlembagaan. Dia meminta Majlis untuk berfikir semula mengenai pindaan yang dicadangkan. Beliau tidak menentang cadangan lebih ramai graduan dalam Majlis tetapi jika graduan diberi hak untuk mengundi, maka mereka harus juga mempunyai hak untuk memegang jawatan yang mana akan bercanggah dengan Perlembagaan IEM.

8.1.1.4 Ir. P.E. Chong (F01214) bersetuju dengan komen dari YBhg. Ahli Akademik Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin. Jika seseorang ahli tidak memiliki hak mengundi, maka ahli itu tidak berhak pula untuk berkhidmat di Majlis. Peruntukan mestilah sama di semua bahagian di dalam Perlembagaan, jika tidak, Perlembagaan tidak konsisten. Beliau juga bersetuju bahawa pindaan yang dicadangkan diperiksa semula untuk bahagian-bahagian lain di dalam Perlembagaan.



8.1.1.5 YBhg. Dato' Ir. Pang Leong Hoon bertanya samada lima (5) kerusi merujuk kepada Graduan YES yang bakal dipilih atau mereka yang sudah memegang jawatan.

Yang DiPertua menjelaskan bahawa lima (5) kerusi itu diperuntukkan bagi graduan yang telah memegang jawatan. Jawatan-jawatan tersebut akan dipegang oleh Pengerusi YES, Setiausaha dan tiga yang lain (3) akan dipilih oleh ahli YES.

8.1.1.6 Yang DiPertua kemudiannya meminta Ir. Lai Sze Ching, Pengerusi Jawatankuasa Perlembagaan Khas untuk menjawab pertanyaan samada terdapat kenyataan di dalam Perlembagaan yang menunjukkan bahawa Ahli Bukan Korporat tidak mempunyai hak mengundi. Cadangan pindaan tidak boleh melanggar Perlembagaan kerana hanya Ahli Korporat sahaja mempunyai hak untuk mengundi dan dipilih menjadi ahli Majlis.

Ir. Lai Sze Ching menjawab bahawa kelayakan mengundi di dalam Perlembagaan menyatakan bahawa Ahli Bukan Korporat tidak dibenarkan mengundi. Ia boleh dipinda di dalam Perlembagaan tanpa menyentuh bahagian lain.

Ir. P.E. Chong tidak bersetuju kerana pindaan tidak boleh diteruskan kerana seseorang ahli Siswazah tidak boleh diberi hak mengundi dalam Majlis jika tidak terdapat peruntukan di dalam Perlembagaan untuk para graduan diberi hak mengundi.

8.1.1.7 Ir. Yim Ho Wa (F08247) bersetuju bahawa pindaan tersebut harus dikaji semula kerana jika hak mengundi telah diberikan kepada Ahli Siswazah sebagai Ahli Majlis, maka Ahli Siswazah boleh dianggap sebagai Ahli Korporat

YBhg. Ahli Akademik Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin (Hon.F01019) mempersoalkan tentang syarat dalam peruntukan bilangan kerusi. Beliau merasakan bahawa pindaan yang dicadangkan perlu ada justifikasi.

Yang DiPertua mengambil maklum semua komen dan menjelaskan bahawa jumlah itu diputuskan berdasarkan keanggotaan Majlis dan juga mengambil kira bilangan Ahli Siswazah kini yang melebihi bilangan Ahli Korporat.

Yang DiPertua mencadangkan supaya pindaan ditangguhkan, bagi memberi peluang kepada Majlis membuat kajian yang lebih mendalam dan melihat semula keperluan di atas pindaan di bahagian lain di dalam Perlembagaan.

#### 8.1.2 *Perkara 5.2 Pinda Perlembagaan untuk*

- (a) *Yang DiPertua dan Timbalan Yang DiPertua memegang jawatan untuk satu tempoh selama dua sesi*  
 (e) *Tempoh jawatan bagi Siswazah dan wakil Jurutera Wanita*

Yang DiPertua menjelaskan bahawa perkara (a) adalah untuk memberi peluang kepada Yang DiPertua dan Timbalan Yang DiPertua mencapai apa yang mereka rancang. Satu "Sesi" bermaksud tempoh di antara dua (2) Mesyuarat Agung Tahunan yang berturutan. Oleh itu, pindaan yang dicadangkan adalah satu jangka masa dua sesi bermaksud "untuk dua (2) tahun".

Pindaan dalam perkara (e) adalah untuk mengambil kira perkara (k) dan (l) yang dicadangkan sebelum ini.

8.1.2.1 YBhg. Ahli Akademik Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin (Hon.F01019) mengulangi komen bahawa cadangan tersebut pernah dipertimbangkan sebelum ini. Peruntukan jangka masa satu sesi untuk jawatan Yang DiPertua adalah bertujuan untuk Majlis membuat perhitungan sekiranya Yang DiPertua memimpin Majlis ke arah yang salah atau tidak mampu melaksanakan tugasnya. Yang DiPertua memerlukan mandat daripada Majlis dan bukannya ahli-ahli.

YBhg. Dato' Ir. Pang Leong Hoon memaklumkan bahawa kini kebanyakan persatuan mengamalkan tempoh dua tahun kerana tempoh setahun terlalu pendek untuk Yang DiPertua mencapai matlamat mereka.

8.1.2.2 Dalam menjawab komen daripada YBhg. Ahli Akademik Tan Sri Datuk Ir. (Dr.) Hj. Ahmad Zaidee bin Laidin (Hon.F01019), Yang DiPertua menjelaskan bahawa dalam mengusulkan cadangan pindaan Perlembagaan tersebut, peruntukan juga akan di masukkan ke dalam Undang-Undang Kecil untuk menghadapi senario yang sedemikian. Ia adalah di bawah 'Pemecatan' Yang DiPertua.

Ir. Lai Sze Ching memaklumkan bahawa Undang-Undang Kecil akan dipinda secara serentak, tetapi tidak dibentangkan di Mesyuarat Agung Tahunan ini. Dalam pindaan Undang-Undang Kecil, terdapat peruntukan di mana Yang DiPertua boleh dilucutkan jawatannya bila-bila masa atas satu permintaan "Undi Tidak Yakin" oleh 10% daripada jumlah bilangan Ahli Majlis. Undian hanya memerlukan majoriti.

8.1.2.3 Timbalan Yang DiPertua menjelaskan selanjutnya bahawa ada "Yang DiPertua Terpilih". Selepas berkhidmat satu sesi selama dua tahun, Yang DiPertua perlu bersara bagi memberi laluan kepada Timbalan Yang DiPertua untuk memegang jawatan Yang DiPertua. Tetapi, beliau masih boleh bertanding jawatan Yang DiPertua selagi dibenarkan oleh Majlis.

8.1.2.4 Oleh kerana terdapat banyak komen mengenai pindaan tersebut, Yang DiPertua mencadangkan supaya semua cadangan pindaan Perlembagaan ditangguhkan sehingga kajian lanjut dapat diambil dan diperkemas oleh pihak Majlis sebelum dibentangkan di Mesyuarat Agung Tahunan yang akan datang lagi.





## 9.0 PENGUMUMAN KEPUTUSAN PEMILIHAN MAJLIS SESI 2016/2017

Yang DiPertua menjemput Pegawai Pemilihan, YBhg. Dato' Ir. Pang Leong Hoon untuk mengumumkan keputusan pemilihan bagi sesi 2016/2017.

### 9.1 Yang DiPertua

YBhg. Dato' Ir. Pang Leong Hoon memaklumkan kepada MAT bahawa mengikut Seksyen 5.2 daripada Undang-Undang Kecil IEM, Ir. Tan Yean Chin, Yang DiPertua Terpilih, akan memegang jawatan Yang DiPertua bagi sesi 2016/2017 dengan tamatnya tempoh jawatan Yang DiPertua yang disandang oleh YBhg. Dato' Ir. Lim Chow Hock.

### 9.2 Timbalan Yang DiPertua

MAT dimaklumkan bahawa bagi jawatan Timbalan Yang DiPertua, dua (2) pencalonan sah telah diterima. Sebanyak 64 kertas undi telah dihantar kepada semua ahli Majlis. Pada tarikh tutup pengundian pada 28 Disember 2015, sebanyak 49 kertas undi telah diterima. (Tiada undi rosak).

Selepas pengiraan undi, calon yang menerima jumlah undian tertinggi adalah Ir. David Lai Kong Phooi. Oleh itu, Ir. David Lai Kong Phooi dipilih ke jawatan Timbalan Yang DiPertua bagi sesi 2016/2017.

### 9.3 Naib Yang DiPertua, Setiausaha Kehormat, Bendahari Kehormat dan lain-lain

YBhg. Dato' Ir. Pang Leong Hoon kemudian memaklumkan MAT bahawa jawatan yang berikut memerlukan pengundian:

- Naib Yang DiPertua (empat (4) kekosongan)
- Setiausaha Kehormat (satu (1) kekosongan)
- Bendahari Kehormat (satu (1) kekosongan)
- Ahli Majlis - Wakil Kimia (satu (1) kekosongan)
- Ahli Majlis – Wakil Biasa (sepuluh (10) kekosongan)

### 9.4 Jawatan Ahli Majlis – Perwakilan Lain-lain Disiplin (Satu (1) kekosongan untuk 3 sesi, 2016/2017, 2017/2018 dan 2018/2019)

Satu pencalonan telah diterima untuk jawatan ini. Oleh kerana disiplin calon tersebut tidak layak di bawah kategori ini, pencalonan tersebut telah dibatalkan dan oleh itu, tiada calon untuk jawatan ini. Majlis IEM pada mesyuarat ke 400 yang diadakan pada 18 Januari 2016 memutuskan untuk mencalonkan Ir. Roznan bin Abdul Hamid sebagai calon untuk jawatan ini di bawah Undang-undang Kecil Seksyen 5.11. Oleh itu, Ir. Roznan bin Abdul Hamid telah dipilih secara sah untuk jawatan Ahli Majlis – mewakili lain-lain Disiplin bagi sesi 2016/2017, 2017/2018 dan 2018/2019.

### 9.5 Jawatan Naib Yang DiPertua (Empat (4) Kekosongan untuk 2 sesi 2015/2016 dan 2016/2017)

MAT dimaklumkan bahawa langkah-langkah telah diambil untuk menghantar kertas undi kepada ahli-ahli untuk pengundian bagi jawatan Naib Yang DiPertua, Setiausaha Kehormat, Bendahari Kehormat dan ahli-ahli Majlis Biasa. Sebanyak 9,776 kertas undi telah dihantar kepada Ahli Korporat. Peti Undi di IEM Sekretariat telah ditutup pada 1 April 2016 jam 12.00 tengah hari. Sebanyak 1,712 kertas undi telah diterima di IEM apabila Peti Undi itu dibuka pada jam 2.30 petang pada hari yang sama. Selepas pemeriksaan dan pengesahan kertas undi dilakukan, pengiraan undi dijalankan untuk menentukan calon yang berjaya.

YBhg. Dato' Ir. Pang Leong Hoon seterusnya memaklumkan MAT bahawa enam (6) pencalonan telah diterima bagi tiga (3) kekosongan. Tiga (3) calon-calon berikut dengan bilangan undi tertinggi telah dipilih dan disahkan untuk jawatan Naib Yang DiPertua untuk sesi 2016/2017 dan 2017/2018:

- i) *Ir. Prof. Dr. Jeffrey Chiang Choong Luin*
- ii) *Ir. Assoc. Prof. Dr. Norlida bt Buniyamin*
- iii) *Ir. Ellias bin Saidin*

### 9.6 Jawatan Setiausaha Kehormat (Satu (1) kekosongan untuk sesi 2016/2017)

Dua (2) pencalonan telah diterima bagi satu (1) kekosongan tersebut. Calon Ir. Yam Teong Sian menerima jumlah undi tertinggi dan dilantik untuk jawatan Setiausaha Kehormat bagi sesi 2016/2017.

### 9.7 Jawatan Bendahari Kehormat (Satu (1) kekosongan untuk sesi 2016/2017)

MAT dimaklumkan bahawa dua (2) pencalonan diterima bagi satu (1) kekosongan tersebut. Salah seorang calon, Dr. Wang Hong Kok telah menerima undi yang lebih tinggi dan telah terpilih ke jawatan Bendahari Kehormat bagi sesi 2016/2017.





#### 9.8 Ahli Majlis - Wakil Biasa (Sepuluh (10) Kekosongan untuk 3 sesi, 2016/2017, 2017/2018 dan 2018/2019

YBhg. Dato' Ir. Pang Leong Hoon seterusnya melaporkan bahawa terdapat enam belas (16) pencalonan yang diterima untuk jawatan ini. Pengundian dilakukan dan sepuluh (10) calon yang mempunyai jumlah undi tertinggi dan disahkan untuk jawatan Ahli Majlis - Wakil Biasa untuk sesi 2016/2017, 2017/2018 dan 2018/2019 adalah:

1. Ir. Prof. Dr. Jeffrey Chiang Choong Luin
2. Ir. Assoc. Prof. Dr. Ahmad Kamil bin Arshad
3. Ir. Ellias bin Saidin
4. Ir. Dr. Tan Kuang Leong
5. Ir. Hoo Choon Sean
6. Lt. Jen. Dato' Wira Ir. Ismail bin Samion (Ret. RMAF)
7. Ir. Anuar bin Yahya
8. Ir. Yam Teong Sian
9. Ir. Mah Way Sheng
10. Ir. Gunasagaran a/l Kristnan

9.9 MAT mengambil maklum bahawa proses Pemilihan telah mengambil masa tiga (3) bulan dan jumlah kos adalah RM22,733.83 (dokumen pengundian dan bayaran pos) tidak termasuk kos kakitangan IEM.

9.10 MAT juga telah dimaklumkan bahawa sejumlah 9,776 kertas undi telah dihantar keluar tetapi hanya 18% diterima balik iaitu peningkatan berbanding tahun sebelumnya. Terdapat 82% daripada ahli-ahli yang tidak memulangkan kertas pengundian bagi pencalonan wakil-wakil penting ahli majlis IEM.

9.11 YBhg. Dato' Ir. Pang Leong Hoon kemudian mengucapkan terima kasih kepada semua pengawas pemilihan iaitu Ir. Ishak bin Abdul Rahman, Ir. Prof. Dr. Zainal Abidin bin Ahmad, Ir. Prof. Dr. Siti Hawa Hamzah, Ir. Mohd Ali Yusoff dan Ir. S. Kukanesan di atas bantuan yang tidak terhingga serta sokongan mereka dan juga ucapan terima kasih kepada Sekretariat di atas kerjasama sepenuhnya daripada mereka.

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

#### 10.0 PENYAMPAIAN ANUGERAH

Pengarah Eksekutif, Ir. Wong Chee Fui kemudian menjemput Yang DiPertua untuk menyampaikan anugerah berikut:

##### 10.1 Anugerah Kertas Teknikal IEM untuk Ahli Korporat

*Hadiah Tan Sri Ir. Hj Yusoff*

Terdapat dua kategori bagi hadiah Tan Sri Ir. Hj. Yusoff; satu daripadanya untuk kategori Awam yang telah dimenangi oleh Ir. How Yoke Teng dengan kertas yang bertajuk, "*Impact of Building Information Modelling (BIM) on the Engineering Profession*" manakala bagi Kategori Umum, Ir. Assoc. Prof. Dr. Leong Wai Yie menerima hadiah tersebut dengan tajuk kertas beliau "*Recognise Women in Health Technology: Globalize Our Values and Contributions*".

##### 10.2 Anugerah Jurutera Wanita 2015

Ir. Assoc. Prof. Dr. Norlida bt. Buniyamin telah dianugerahkan Anugerah Jurutera Wanita IEM. MAT terus dimaklumkan bahawa Ir. Assoc. Prof. Dr. Norlida Bt. Buniyamin ketika ini merupakan Felo dan Ahli Majlis IEM. Beliau bertugas di UiTM sebagai Profesor Madya di Fakulti Kejuruteraan Elektrik. Beliau juga adalah Ketua dan Pengasas "Pendidikan Kejuruteraan-Research Group Engineering (EnTER)". Beliau telah menerima pelbagai anugerah, seperti Anugerah Perkhidmatan Cemerlang UiTM 2007, Anugerah Pegawai Sukan Terbaik 2011/2012 untuk Wilayah Persekutuan dan beberapa Anugerah Kertas Teknikal Terbaik.

##### 10.3 Penyampaian Sijil kepada Felo IEM

Pengarah Eksekutif kemudian meneruskan untuk memberi penghormatan kepada Ahli-ahli IEM yang telah dipindahkan ke gred Felo bagi sesi 2015/2016. Sijil-sijil telah dianugerahkan kepada Ahli-ahli berikut:

1. Ir. Prof. Dr. Jeffrey Chiang Choong Luin
2. Ir. Dr. Ahmad Kamil bin Arshad
3. Ir. Santha Kumaran a/l Erusan @ Krishnan
4. Dr. Wang Hong Kok
5. Datuk Ir. Kamarulzaman bin Zainal
6. Ir. Jeewa s/o Vengadasalam
7. Ir. Tiong Ngo Pu
8. Ir. Goh Soon Boon
9. Ir. Hj. Mohamed Haniffa Hj Abdul Hamid



### 11.0 PENYAMPAIAN CENDERAHATI KEPADA AHLI MAJLIS YANG BERSARA

11.1 Yang DiPertua seterusnya menyampaikan hadiah penghargaan kepada Ahli-ahli Majlis yang bersara dari jawatan bagi 2015/2016.

1. YBhg. Dato' Ir. Dr. Andy Seo Kian Haw
2. Ir. Vincent Chen Kim Kieong
3. Ir. Lee Weng Onn
4. Ir. Dr. Tan Chee Fai
5. Ir. Tiong Ngo Pu
6. Ir. Yau Chau Fong
7. Ir. Teh Piaw Ngi
8. Ir. Kim Kek Seong
9. Ir. Lee Cheng Pay
10. YBhg. Datuk Ir. Rosaline Ganendra
11. Ir. Abdullah Zawawi bin Haji Mohd. Noor
12. Ir. Nur Fazil bin Noor Mohamed
13. Ir. Tan Koh Yon
14. Ir. Steven Chin Hui Seng

11.2 MAT juga mengambil maklum senarai ahli Majlis yang bersara tetapi tidak dapat menghadirkan diri untuk penerimaan cenderahati. Cenderahati tersebut akan dihantar kepada mereka.

1. Ir. Gopal Narian Kutty
2. Ir. S. Kumar a/l Subramaniam
3. Ir. Chong Chin Meow
4. Ir. Chin Kuan Hwa
5. Ir. Assoc. Prof. Dr. Vigna Kumaran Ramachandaramurthy
6. YBhg. Dato' Ir. Abdul Rashid bin Maidin
7. Ir. Hj Ahmad Kamal bin Kunji
8. Ir. Mohamad Zaki bin Mat

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

1. Prof. Dr. Jeffrey Chiang Choong Luin - beralih ke jawatan Naib Yang DiPertua
2. Ir. Assoc. Prof. Dr. Norlida Bt. Buniyamin – beralih ke jawatan Naib Yang DiPertua

### 12.0 PENYAMPAIAN SIJIL KHAS PENGHARGAAN KEPADA PENERUSI PENGANJUR CAFEO 33

12.1 Yang DiPertua turut menyampaikan sijil penghargaan kepada Ir. Paul Phor Chi Wei, Pengerusi Penganjur CAFEO 33, ahli yang telah memainkan peranan utama dalam kejayaan aktiviti itu.

### 13.0 PENYERAHAN RANTAI JAWATAN

13.1 Pengarah Eksekutif kemudian menjemput Yang DiPertua yang baru dilantik, Ir. Tan Yean Chin untuk menerima penyerahan rantai jawatan dari YBhg. Dato' Lim Chow Hock.

### 14.0 PERTUKARAN PEMEGANG JAWATAN

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

14.2 Yang DiPertua yang baru dilantik, Ir. Tan Yean Chin kemudian menjemput YBhg. Dato' Lim Chow Hock meneruskan khidmat sebagai Mantan Yang DiPertua bagi sesi 2016/2017

14.3 Yang DiPertua yang baru dilantik mengucapkan tahniah kepada Ahli-ahli Majlis yang baru dilantik. Beliau berasa gembira melihat terdapatnya ramai ahli Majlis yang muda dan berharap ahli wargamas akan terus menyumbang dan memberi sokongan pada masa hadapan.

### 15.0 BEKAS YANG DIPERTUA DIPILIH OLEH MAJLIS UNTUK BERKHIDMAT DALAM MAJLIS

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

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

**16.0 PEMILIHAN JURUAUDIT DALAMAN KEHORMAT**

16.1 Yang DiPertua kemudiannya meminta pencalonan untuk jawatan Juruaudit Dalam Kehormat. Ahli-ahli yang hadir mencadangkan Ir. Awangku Hidup Bin Awangku Hosain (M03053) dilantik semula sebagai Juruaudit Dalam Kehormat bagi sesi 2016/2017

Ahli-ahli yang hadir, kemudiannya mencadangkan Ir. Tiong Ngo Pu (M07252) dilantik sebagai juruaudit dalam kehormat kedua bagi sesi 2016/2017. Oleh kerana tiada bantahan dari ahli-ahli maka, kedua-dua pencalonan telah diluluskan sebulat suara.

Yang DiPertua kemudian mengumumkan bahawa kedua-dua Juruaudit Kehormat Dalam adalah Ir. Awangku Hidup (M03053) dan Ir. Tiong Ngo Pu (M07252).

**17.0 PELANTIKAN JURUAUDIT LUAR**

17.1 Yang DiPertua kemudiannya memaklumkan kepada MAT bahawa Majlis telah bersetuju untuk meneruskan perlantikan PKF Malaysia sebagai Juruaudit Luar bagi sesi 2016/2017. MAT sebulat suara menerima perlantikan tersebut. MAT turut menerima perlantikan semula CE Corporate Executives Sdn Bhd sebagai Akauntan untuk sesi 2016/2017.

**18.0 LAIN LAIN HAL**

18.1 Yang DiPertua menjemput MAT untuk membangkitkan sebarang isu, kerana tiada surat rasmi diterima untuk diperbincangkan. Tiada sebarang isu yang dibangkitkan untuk perbincangan.

**19.0 UCAPAN YANG DIPERTUA BAGI SESI 2016/2017**

19.1 Yang DiPertua kemudian dijemput untuk membentangkan Ucapan Yang DiPertua 2016 bertajuk *"Rejuvenation of the Institution for Long Term Sustainability"*.

**20.0 PENANGGUHAN MESYUARAT 57TH AGUNG TAHUNAN 2016**

20.1 Yang DiPertua mengisytiharkan Mesyuarat Agung Tahunan ke-57 ditangguhkan pada 12.40 petang dan mengucapkan terima kasih di atas kehadiran ahli-ahli yang menunjukkan komitmen yang tinggi terhadap IEM secara keseluruhannya. Yang DiPertua kemudian mengingatkan ahli-ahli berkenaan Majlis Makan Malam Tahunan yang akan diadakan di Sunway Resort Hotel and Spa pada malam itu.

Ir. Tan Yean Chin  
Yang Di Pertua

Ir. Yam Teong Sian  
Setiausaha Kehormat



**MINUTES OF THE SPECIAL GENERAL MEETING OF THE INSTITUTION OF ENGINEERS, MALAYSIA  
HELD ON 8 OCTOBER AT TAN SRI PROF. CHIN FUNG KEE AUDITORIUM,  
WISMA IEM, PETALING JAYA AT 9.00 AM**

**MEMBERS PRESENT – AS PER APPENDIX A**

**1.0 OPENING REMARKS BY THE PRESIDENT**

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

The President further informed that video conferencing would be held in the two rooms on the ground floor and second floor respectively (*Malakoff Auditorium and C&S/TUSTD Lecture room*).

The President also mentioned that Secretariat staff were stationed in each of the rooms to assist members during the SGM. The President then requested members to provide their names and membership numbers during the Q&A session for record purposes.

**1.2 Background of the SGM**

The President informed the SGM that Council at the last meeting had decided that "IEM is to stop using "Engr." pending the AG Chamber's decision and then deliberate on the next course of action to be taken. The "Engr." is also to be dropped in the new issues of the IEM Jurutera Bulletin. In addition IEM is to issue 'a special circular' to all members informing them of the move to stop using "Engr.". The circular informing members of this matter was issued on 7 April 2016.

It was further informed that at the 56th Annual General Meeting (AGM) held on 16 April 2016, two resolutions were presented as follows:

Resolution No. 1 – proposer: Ir. Gary Lim Eng Hwa (F08898)

*"Excomm and Council of IEM to abide by the directive from Board of Engineers, Malaysia not to use Engr. and not to take legal proceedings to challenge the Board of Engineers, Malaysia's directive on the use of Engr."*

Resolution No. 2 – proposer: Ir. Gary Lim Eng Hwa (F08898)

*"Excomm and Council of IEM proceed to wind-up IEM Academy Sdn Bhd"*

The AGM after due discussion had agreed that a Special General Meeting (SGM) be called to vote on the resolutions. At the subsequent Excomm meeting after the AGM, Excomm decided to schedule the SGM within three months fixing the date on 19 July 2016.

On 4 May 2016, the Honorary Secretary received an email from the proponent of the resolution informing that he wished to withdraw the two resolutions. Excomm at its subsequent meeting held on 9 May decided that the SGM was approved by the Annual General Meeting and as such, it should proceed.

Nevertheless, Section 7.7 of the IEM Bylaws provides that "The Council may at any time call a Special General Meeting of Corporate Members for a specific purpose relating to the direction and management of the concerns of The Institution."

Upon deliberation, Council agreed for the SGM to be held. The draft notice as well as papers accompanying the notice was circulated to Council accordingly.

The President informed that by the closing date for submitting comments with regard to the two resolutions on 2 September 2016, IEM received two responses:

YBhg. Tan Sri Ir. Dr Teo Chiang Kok (Dist.M13434) While the Resolution calls to abide ("respect") the Minister's views, this resolution should have a Moratorium of, say 2 years? Otherwise, this is an open route for AG/Ministry/BEM to delay eternally.

Ir. Jayaseelan Nadarajah (F14445) '3. Voting by Corporate Members present at the SGM with show of the coloured card given to them during registration on Resolution 1'. This is to avoid any ambiguity that may arise between Corporate and other categories of membership.

The President tabled Resolution 1 and invited comments from the floor. A time frame of 30 minutes would be given before the SGM would be called to cast their votes.



### 1.3 Matters Discussed

Ir. Vincent Chen Kim Kieong (Hon.F05128) asked for the names of the Proposer and Seconder of both Resolutions, and commented they should come forward to explain the reason for the Resolutions.

The President informed that the Proposer was Ir. Gary Lim Eng Hwa (F08898), with Ir. Ung Ah Hock (M12218) as his Seconder. He reiterated that the two resolutions were received at the 56th AGM held on 16th April 2016, as a result of which the SGM was called. However an email was received from the Proposer informing that he now wished to withdraw the two resolutions.

The Excomm and Council upon deliberation decided that the SGM should be convened as directed by the AGM. This is because once the Resolution was passed by a vote in AGM; it will no longer be under the control of the Proposer. Hence the Resolution needs to be tabled in the SGM notwithstanding the fact that neither Ir. Gary Lim Eng Hwa nor Ir. Ung Ah Hock were there to present their case.

Ir. Vincent Chen Kim Kieong (Hon.F05128) expressed that there is no point in proceeding with the voting as both the Proposer and Seconder were not present, unless Council had agreed to take ownership of the Resolutions.

The President reiterated that the AGM had indeed taken ownership of the Resolutions and consequently Council had dutifully carried out the instructions of the AGM to convene the SGM, as governed by the IEM Constitution and Bylaws.

YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) expressed that since the proponent had withdrawn the resolution, there was no point for the SGM to proceed with voting. Nevertheless he felt that the SGM could proceed with a normal discussion. He also queried why it took too long a time in calling the SGM given that the Resolutions were withdrawn in May 2016. He also felt that the Proposer and Seconder ought to be present to present their case.

In reply to the comments, the President referred to Clause 7.8 under Special General Meeting on page 30 of the IEM Bylaws which reads:

*Special General Meeting*

*7.8 The notice for the Special General Meeting shall be circulated to the Corporate Membership at least twenty-one (21) days before such meeting. Such notice shall specify the general nature of the matters to be brought before and the resolutions (if any) to be moved at such meeting and none other than that business shall be transacted at that meeting.*

The President stated that once the machinery was moved i.e. the SGM was called for, it must be convened according to requirement stated in the IEM Constitution and Bylaws. He further stated that members who disagree with the Resolutions are welcome to vote "Against".

YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691) agreed with the interpretation by the President. He explained that there was an administrative issue at the AGM as the Secretary had failed to circulate the resolutions to the members beforehand. Hence for the sake of the members at large, the best way was to convene the SGM to discuss and vote on both resolutions tabled by Ir. Gary Lim.

YBhg. Dato' Ir. Dr Gue See Sew (Hon.F03975) supports the view of Y.Bhg Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691) for the SGM to proceed, given that there is no provision for the Resolutions to be withdrawn.

YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) reiterated his view that there was no point for the SGM to proceed with voting as the proponent had withdrawn the resolutions. He suggested for the SGM to proceed with a normal discussion instead.

YBhg. Dato' Ir. Dr Andy Seo Kian Haw (F13276) supported Y.Bhg Dato' Ir. Pang Leong Hoon's (Hon.F00015) view. He also felt that no member should raise a Resolution only to retract it later, thus incurring cost of time and money. He expressed that action should be taken against such member under the Code of Conduct.

Ir. Fadhli Shazlan bin Abdul Rahman (M58690) informed that prior to receiving his Professional Engineer status he had written several articles for the Jurutera Bulletin. Although he had not used the title "Engr." in submitting his articles then, the title "Engr." was used in the published Jurutera. In April this year he received a letter from the Board of Engineers Malaysia reproving him for "contravening the Registration of Engineers Act 1967 (revised 2015)" by using the title "Engr.". He expressed his disappointment that IEM was unable to assist him with the letter citing that his matter with BEM was on personal basis. For that reason, he hoped that the voting process would continue so that moving forward other engineers will not have to face similar hardships.

### 2.0 RESOLUTION NO. 1

YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691) hoped that the SGM will not confuse the issue in that Resolution No 1 called for firstly:

*"Excomm and Council of IEM to abide by the directive from Board of Engineers, Malaysia not to use Engr."*

and secondly:

*"Not to take legal proceedings to challenge the Board of Engineers, Malaysia's directive on the use of Engr."*



He stated that as far as he could recall, BEM had never given a directive for IEM not to use the title “Engr.,” and the use of the title is by the individual and not IEM. As there is no such directive, the SGM should vote against Resolution No. 1 as it is on a matter which does not exist.

Ir. Loo Wen Siang (M05655) expressed that the members must be informed on the potential cost of the legal proceedings which he heard could reach RM500,000. He cautioned that the Institution need to be mindful of the cost bearing in mind that IEM still owes a substantial amount to the Bank.

YBhg. Dato’ Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691) stated that IEM needed to recognise its members’ concern about the cost should IEM decide to pursue with legal proceedings against BEM. Thus IEM Council needed to think very carefully before taking on the legal challenge. Nevertheless, even though members were to vote against Resolution No. 1, it would not automatically entail that IEM would undertake legal proceedings against BEM, as Council would first need to deliberate on the issues and take responsibility when proposing the next course of action with regard to the potential cost involved.

Deputy President Ir. David Lai Kong Phooi (F09917) was of the opinion that the legal proceedings would probably entail a High Court judicial review. He informed of a case where a Judicial review was held against a Bar Council decision where the High Court decided based on four elements namely “illegality”, “irrationality”, “procedural impropriety” and “proportionality”.

With regard to IEM, he was of the opinion that the probable cost to undertake the legal proceedings would be less than RM100,000, thus the figure of RM500,000 quoted by the member was untrue. He strongly felt that justice must be sought for the Graduate Members, and asked members not to forget that of the total membership of IEM, more than half are Graduate Members, and thus IEM should fight for their right to use the title “Engr.”.

Ir. Prof. Dr Jeffrey Chiang Choong Luin (F20286) expressed that although BEM had not directly sent the instruction to IEM not to use the title “Engr.” as the letters were directed to individuals and universities; it does not mean that IEM should use the title “Engr.”.

Ir. Lalchand A/L Gulabrai (M17881) felt that the question of cost should not be the binding factor. If legislative and professional requirements warrant it, cost could be a secondary issue. As a regulator BEM has given a directive to the Universities to which they have complied, as otherwise they would be taken to task. He felt that it was unfortunate that in IEM’s documents, the title “Engr.” was used although the authors themselves may not have necessarily used it.

He further stated that the SGM should deliberate and vote on the Resolutions as directed by the AGM notwithstanding the fact that the Resolutions have been withdrawn by the Proposer, so as to observe the due process.

YBhg. Dato’ Ir. Dr Gue See Sew (Hon.F03975) informed the meeting that Ir. Oon Chee Kheng, an IEM member and practicing lawyer had agreed to take up the legal case for IEM free of charge.

YBhg. Dato’ Ir. Dr Andy Seo Kian Haw (F13276) was of the opinion that IEM should not stinge on the legal costs as its reputation is at stake. He expressed that the repercussions on IEM could be great if members decide to sue IEM as they are not able to use the title “Engr.”. He also stated that IEM should engage the right lawyer to handle the case.

Ir. Choo Kok Beng (Hon.F02828) stated that should the SGM vote for Resolution No. 1, it would close any opportunity for IEM to fight for the right to use the title “Engr.” via legal means even if there are grounds to do so. On the other hand if the SGM voted against Resolution No. 1, it does not necessarily mean that legal action would definitely be taken, as this would still be subject to the decision of the Council and AGM after due process is taken. Thus, members must not deny IEM the chance to contest for the right to use the title “Engr.”.

Ir. Vincent Chen Kim Kieong (Hon.F05128) felt that the SGM is “putting the cart before the horse” as IEM is still waiting for the Attorney-General’s chambers to revert with their interpretation on the usage of “Engr.”, which can swing either way in IEM’s favour or not. Therefore it is too premature for the SGM to vote on whether to follow BEM’s directive at this point of time. The problem arose because of the difference of interpretation by IEM and BEM which would need a third party to decide. He gave the examples of cases for mediation and arbitration.

Deputy President Ir. David Lai Kong Phooi (F09917) explained that as BEM had given the directive as a public body, IEM would need to seek a decision of the High Court to quash the directive. This is done by applying for an originating summons (OS) for a judicial review. Hence the matter cannot be resolved through mediation or arbitration.

Dr. Wang Hong Kok (F02364) was of the opinion that since a quorum was already present, the SGM should proceed with voting as directed by the AGM.

Ir. Mah Way Sheng (M30694) introduced himself as a Past Chairman of the Young Engineers Section (YES) and informed that he was one of the many YES members who had previously received the warning letter from BEM. He stated that the majority of YES members believe that this matter could be resolved if IEM and BEM worked together to find a solution. He called for the SGM to vote wisely in the interest of the YES members, as the latter are themselves unable to vote on this matter even though this issue directly affects them. He stated that YES members are indeed proud to use the “Engr.” and even carried the title on their namecards prior to BEM’s directive.





Ir. Ragbir Singh Dhillon (M08217) stated that he was moved by what was stated by Ir. Mah Way Sheng (M30694) and Ir. Fadhli Shazlan bin Abdul Rahman (M58690). The Corporate Members needed to deliver a strong message to uphold the “Engr.” for the sake of the YES members who will eventually succeed them as professional engineers lest “they become lawyers or entrepreneurs” (sic) instead. He therefore proposed for the discussion to be concluded and for the SGM to proceed with voting.

Tuan Haji Ir. Mohd Ali Yusoff (01974) seconded the proposal for the SGM to proceed with voting.

YBhg. Dato’ Ir. Dr Gue See Sew (Hon.F03975) agreed with Ir. Vincent Chen Kim Kieong (Hon.F05128) that the matter is on the issue of interpretation. Thus, he urged that the SGM should vote against Resolution No.1. He readily volunteered to raise the funds to enable IEM to pursue with the legal proceedings if needed.

The President proceeded with the pre-voting closing remarks for Resolution No. 1. Among others he reminded the SGM that

1. there are 105 Corporate Members present at the SGM, who would decide on the future of IEM and its 10,000 Graduate Members and their entitlement to use the Engr.
2. if the SGM votes “Yes” to Resolution No.1, it would signify that IEM had conceded that it is in the wrong. As a professional and learned society, IEM should uphold the truth and not be subservient.
3. as the matter is on interpretation, who better to interpret on the usage of “Engr.” but the Courts. IEM should not deny itself the right to pursue justice through the avenue of legal proceedings.
4. if IEM decided to go for legal proceedings, the legal costs would be paid via a fund which would be raised for that purpose as pledged by YBhg. Dato’ Ir. Dr Gue See Sew (Hon.F03975) and would not be paid using the members’ subscriptions.

The SGM thereupon voted as follows:

	In Favour	Against	Abstained
Resolution 1	7	96	2

Resolution No .1 was therefore rejected.

### 3.0 RESOLUTION NO. 2

The SGM proceeded to discuss Resolution No.2 – proposer: Ir. Gary Lim Eng Hwa (F08898)

*“Excomm and Council of IEM proceed to wind-up IEM Academy Sdn Bhd”*

#### Rationale for the Resolution:

*- Because IEM Academy Sdn Bhd (IEMASB) is not seen to be generating any profit.*

The President informed that the IEMASB is a business arm of IEM created as an alternative source of income as IEM could not depend solely on members’ subscriptions to support institutional functions. This arrangement is similar to other overseas institutions such as the Institute of Electrical and Electronics Engineers (IEEE) and the Institution of Civil Engineers (ICE). He informed that IEMASB had been consistently earning over RM100,000 per annum. Further, the IEMASB was operated solely by volunteers assisted by one salaried staff.

YBhg. Dato’ Ir. Pang Leong Hoon (Hon.F00015) believed it would be ridiculous to wind up a company for not generating income in its first few years, as in any normal practice it would require some time to turn a company around to make a profit.

YBhg. Dato’ Ir. Dr Andy Seo Kian Haw (F13276) enquired whether IEM Training Centre (IEMTC) still provided training to SME Corporation Malaysia whereby eligible companies could claim 70% of the registration fees as a rebate from SME Corporation Malaysia, as was stated in the Special General Meeting Paper No 2016-7-2. It was clarified that the arrangement with SME Corporation Malaysia may have lapsed but the statement was correct at the time of printing.

YBhg. Dato’ Ir. Dr Andy Seo Kian Haw (F13276) further agreed with the statement by YBhg. Dato’ Ir. Pang Leong Hoon (Hon. F00015) and expressed that there would be many opportunities for IEMASB to provide training. He also proposed for the appointment of a full-time salaried Business Development Manager for IEMASB.

Honorary Secretary Ir. Yam Teong Sian (F05612) agreed with the views expressed by YBhg. Dato’ Ir. Pang Leong Hoon (Hon.F00015) and YBhg. Dato’ Ir. Dr Andy Seo Kian Haw (F13276) that the Resolutions raised were a non-issue. He however reminded the SGM that IEM has the constitution to abide by and as the two Resolutions had already been raised, the IEM Council and AGM had responded accordingly by going through the democratic process. Therefore the IEM members attending the SGM should be proud that they were present to carry the process through.

Ir. Choo Kok Beng (Hon.F02828) stated that many members were unaware of the existence of the IEMASB and IEMTC as the business arms of IEM which could provide an avenue for members especially senior engineers to share their expertise with younger members by becoming lecturers at IEMASB and IEMTC.



YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691) stated that from a business viewpoint it was not prudent to have two businesses that appear to compete against each other. However, Resolution No. 2 was not tabled for this reason but because IEMASB was not seen to be making a profit. He stated that if IEM proceeded to wind-up IEMASB, it would lose the accrued losses which are tax credit for future profits. Hence he was of the opinion that IEMASB should not be wound-up, as it would not be a good business decision.

Ir. Yap Soon Hoe (F04086) informed that IEMASB was initially founded with the aspiration that it would attain the status of a university one day. Further, it would be illogical to expect a company to be making a profit in its early stages.

Ir. Prof. Dr Ruslan Hassan (F03541) clarified that IEMASB and IEMTC do not compete against each other but rather complement each other. IEMASB takes care of structured training such as competency and certification training programmes to professionals and sub-professionals in their respective areas in order to enable them to be registered to practice.

Ir. Ong Ching Loon (F11938) informed that IEMASB and IEMTC are distinct from each other as IEMTC organises conferences, seminars and courses whereas IEMASB would provide structured competency courses. However to obtain recognition and accreditation for the competency courses from the relevant organisations, the process would take some time. Therefore in its inception years IEMASB would have needed to conduct other types courses to generate income before embarking fully on the structured competency courses.

Deputy President Ir. David Lai Kong Phooi (F09917) informed that besides the revenue from the courses, there was also revenue obtained from the web banner. He informed that a revenue of RM54,000 was generated for 2016 and this is expected to increase in future as the potential for web banner sales is currently still under-utilised. IEMASB is being run prudently at a cost of RM10,000 per month of which RM5,000 was set aside for staff overheads and RM5,000 for web portal rental. From a business point of view, it is worthwhile to keep IEMASB as it will plough in more revenue in the days to come.

YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) expressed that IEM should target IEMASB to become a university.

In reply to his enquiry, YBhg. Dato' Ir. Dr Andy Seo Kian Haw (F13276) was informed that the composition of the Board of Directors for IEMTC and IEMASB differ.

Ir. Ellias Saidin (F10100) was of the opinion that in the long run it would be worthwhile to merge IEMTC and IEMASB into one entity.

Ir. Shahul Ikram bin Adnan (M10375) informed that as of February 2016, the Board of Engineers Malaysia has dispensed with the requirement for Graduate Engineers to compile 90 PDP points. This would be a setback to the IEMTC whereby there would be less demand for the courses. He also commented that should any of the companies be making a loss, they should not be wound up but be kept dormant. The IEM President replied that with the recent restructuring of the Board of Directors of IEMTC and IEMASB, both companies will be closely monitored so as to be more viable.

Ir. Fadhli Shazlan bin Abdul Rahman (M58690) queried whether IEMASB is equipped to issue postgraduate degrees as stated in SGM Paper 2016-7-2. The President clarified that IEMASB would focus on them as part of its business plans. As a learned society with over 40,000 members, IEM has the potential strength that can be fully explored to embark on this vision.

Honorary Secretary Ir. Yam Teong Sian (F05612) likened voting to wind-up IEMASB as "killing the goose that lays the golden egg" as there is tremendous potential in training as highlighted by Ir. Choo Kok Beng (Hon.F02828). He urged members who are interested to serve in the IEMTC and IEMASB to come forward, so as to make the organisations greater.

YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691) expressed that IEMASB could be in a twinning programme with other Universities at par with Sunway College, SEGI College, LimKokWing University or even better than them. However IEMASB has first to gear up towards this end in line with the vision of the founders when it was initially set up.

Deputy President Ir. David Lai Kong Phooi (F09917) concurred with YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691). To address the comment by Ir. Fadhli Shazlan bin Abdul Rahman (M58690) he stated that mandatory courses only account for 20% of the total revenue obtained by IEMTC. Therefore the impact from withdrawal of mandatory courses is quite negligible. However the profit margin from running training courses is tremendous, whereby the net profit is upwards of 30%.

Ir. Al-Khairi bin Mohd Daud (M14670) stated that most general members are unfamiliar with the workings of IEMASB and are thus unsure why it needed to be wound up. He also queried that since Resolution No 2 has already been withdrawn why would the SGM need to vote on it further. He urged that members be given more information about IEMASB so that they can better support it.

Ir. Dr. Tan Chee Fai (F18343) expressed that in light of the 100,000 engineering graduates being produced every year, IEMASB would need to focus on competency programmes for engineering graduates. Therefore he felt that IEMASB must not be wound up, on the contrary it must be upgraded so that it would eventually become a university.

Ir. Yap Soon Hoe (F04086) felt that IEMASB should not be wound up as IEM already has the facilities with Wisma IEM. He hoped that IEMASB would eventually become a university as what was envisioned by its founders.



The President gave a closing remark that by agreeing to wind-up IEMASB, members would be “killing the goose that lays the golden egg”. He urged members to vote against Resolution No.2 as he is confident that IEMASB would turn around with a profit and eventually become a leading engineering college or university that members would be proud of.

The SGM thereupon voted as follows:

	In Favour	Against	Abstained
Resolution 2	0	102	3

Resolution No .2 was therefore rejected.

#### 4.0 OTHER MATTERS

YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) recommended that in future if a person wished to put up a Resolution, he or she must have grounds to support his resolution, failing which it should be rejected by Council or AGM.

With reference to the remark by Ir. Fadhli Shazlan bin Abdul Rahman (M58690) that IEM was unable to assist him with the letter from BEM, Ir. Vincent Chen Kim Kieong (Hon.F05128) expressed strongly that IEM must stand behind all its Graduate Members that have used the “Engr.” title.

#### 5.0 ADJOURNMENT OF THE SPECIAL GENERAL MEETING

The President declared the Special General Meeting adjourned at 11.40 a.m. and thanked the members for their presence as it showed a strong commitment to IEM as a whole.

Ir. Tan Yean Chin  
President

Ir. Yam Teong Sian  
Honorary Secretary



**NO NAME MEMBERSHIP NO**

**HONORARY FELLOW**

1.	Ir. Chen Kim Kieong	Hon. F 05128
2.	Ir. Choo Kok Beng	Hon. F 02828
3.	YBhg. Dato' Ir. Dr. Gue See Sew	Hon. F 03975
4.	YBhg. Dato' Paduka Ir. Hj. Prof (Dr) Keizrul Abdullah @ Lim Teik Keat	Hon. F 01691
5.	YBhg. Dato' Ir. Pang Leong Hoon	Hon. F 00015

**SENIOR MEMBER**

6.	Ir. Chung Chee Tuck	14129
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**FELLOW**

7.	Ir. Prof. Dr. Chiang Choong Luin, Jeffrey	20286
8.	Ir. Ellias bin Saidin	10100
9.	Ir. Prof. Ishak bin Abdul Rahman	02106
10.	Ir. Lai Kong Phooi, David	09917
11.	Ir. Hj. Mohamed Ali bin Yusoff	01974
12.	Ir. Ong Ching Loon	11938
13.	Ir. Prof. Dr. Ruslan bin Hassan	03541
14.	Ir. Santha Kumaran a/l Erusan @ Krishnan	18975
15.	YBhg. Dato' Ir. Dr. Seo Kian Haw	13276
16.	Ir. Dr. Tan Chee Fai	18343
17.	Ir. Tan Yean Chin	11712
18.	Ir. Tay Yong Peng	02006
19.	Ir. Tiong Ngo Pu	07252
20.	Dr. Wang Hong Kok	02364
21.	Ir. Yam Teong Sian	05613
22.	Ir. Yap Soon Hoe	04086

**MEMBER**

23.	Mr. Abdul Fattah bin Mohamed Yatim	04667
24.	Ir. Abdul Razak bin Yakob	59192
25.	Ir. Alfred Ritikos	06151
26.	Ir. Al-Khairi bin Mohd Daud	14670
27.	Ir. Azmir bin Mohd Isa	70476
28.	Ir. Che Mohd Hashim bin Che Daud	03529
29.	Ir. Chee Lai Kong	04876
30.	Mr. Cheng Heang Swee	26952
31.	Mr. Cheng Kam Hon	28830
32.	Ir. Chew Leak Yan	16406
33.	Ir. Chia Pit Shin, Edwin	04325
34.	Mr. Chin Yun On, Peter	16277
35.	Mr. Ching Chit Keat	49455
36.	Ir. Chong Chi Koong	18794
37.	Ir. Chong Fo Ah	05853
38.	Ir. Fadhli Shazlan bin Abdul Rahman	58690
39.	Ir. Fann Wei Bao	13016
40.	Ir. Fong Chew Chung	21276
41.	Mr. Foong Yew Hong, Mervyn	28911
42.	Ir. Ganesrajsingham Veerasingam	15485

43.	Ir. Han King Guan	07866
44.	Ir. Heng Aik Chau	12603
45.	Ir. Khor Kong Chong	13301
46.	Mr. Kong Sin Kooi	08312
47.	Ir. Kong Suet Yee, Erica	07161
48.	Ir. Lai Wai Chuan	13959
49.	Mr. Lai Wai Peng	47084
50.	Ir. Lakhbir Singh a/l Gurmukh Singh	60069
51.	Ir. Lalchand a/l Gulabrai	17881
52.	Ir. Lau Chee Khin	02162
53.	Mr. Law Chee Keong	33998
54.	Ir. Lee Chang Quan	27114
55.	Ir. Lee Chow khweng	06025
56.	Ir. Lee Koi Chin	05617
57.	Ir. Lee Kong Song	09196
58.	Mr. Leong Chee Tuck	09665
59.	Ms. Leow Jia Hui	29191
60.	Ir. Li Thang Fai	15803
61.	Ir. Liew Kian Chui	09849
62.	Ir. Lim Chin Keat	07526
63.	Ir. Lim Hok Lian	13396
64.	Ir. Lim Poo Lee	05448
65.	Mr. Lim Seong Kit	09002
66.	Mr. Lim Thou Kiong	26833
67.	Ir. Lim Tian Lu	12778
68.	Ir. Ling Tieng Kooi	24061
69.	Mr. Loi Yew Hua	17462
70.	Ir. Loo Wen Siang	05655
71.	Ir. Low Chiew Keat	14154
72.	Ir. Mah Way Sheng	30694
73.	Ir. Mardianto bin Hj Asli	51650
74.	Ir. Megat Mukhtar bin Megat Nasir	03568
75.	Ir. MEJ (B) Michael Chan	03276
76.	Ir. Mohd Haszuan bin Sukairi	74326
77.	Ir. Mohd Radzi bin Salleh	20112
78.	Ir. Hj. Mohd Redzuan bin Mohd Ramli	13780
79.	Ir. Mok Sooh Wah	05592
80.	Mr. Mustafa Maarof bin Junid	80668
81.	Mr. Mustafa Kamal bin Ariffin	38710
82.	Mr. Ng Ban Foun	80674
83.	Ir. Ng Tak Kee	19125
84.	Ir. Ng Yoke Kim	12215
85.	Mr. Nurul Mukmin bin Abdul Rahim	41983
86.	Mr. Ong Leong Eng	29055
87.	Ir. Pan Wang Fook	25461
88.	Ir. Pang Kia Kim	22014
89.	Mr. Pang San Moh	14936
90.	Ir. Ragbir Singh Dhillon	08217
91.	Ir. Roznan bin Abdul Rashid	11490
92.	Mr. Sew Shuh Tyng	11409
93.	Ms. Sew Yuh Ling	09618
94.	Ir. Shahul Ikram bin Adnan	10375
95.	Ir. Shum Keng Yan	14287



96. Ir. Sundraraj s/o Krishnasamy	07933
97. Mr. Tan Seng Guan	26404
98. Ir. Dr. Tang Khai Hing	06759
99. Mr. Teh Eng Huat	29666
100. Ir. Tony Chew	22490
101. Mr. Tuin Kian Kok	85501
102. Ms. Tung Yee Lyn	28041
103. Mr. Wan Mohd Azhar Hussein bin Wan Omar	59138
104. Ir. Wong Chee Fui	20903
105. Ir. Wong Kai Shian	04699
106. Ms. Wong Siew Yee	39963
107. Mr. Yap Chee Wah	19314
108. Ir. Yap Lee Chor	09416
109. Mr. Yee Kien Peng	27565
110. Ir. Yong Gee Suan	47575
111. Mr. Yusri bin Md. Yusoff	22267
112. Ir. Zakaria bin Nanyan	08624

**GRADUATE**

113. Mr. Khairul Salleh bin Baharudin	17429
114. Mr. Mohd Eya Redhuan bin Khairudin	31633
115. Mr. Yap Chee Wei	86008



**MINIT MESYUARAT AGUNG KHAS INSTITUSI JURUTERA MALAYSIA PADA 8 OKTOBER  
DI AUDITORIUM TAN SRI PROF. CHIN FUNG KEE,  
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. Tan Yean Chin mengucapkan terima kasih dan mengalu-alukan ahli-ahli yang hadir di Mesyuarat Agung Khas (MAK). Beliau kemudian memaklumkan bahawa tiga bilik yang berbeza telah digunakan untuk MAK iaitu Auditorium Tan Sri Prof Chin Fung Kee di Tingkat 3, yang akan menjadi bilik mesyuarat utama, Bilik Kuliah C & S / TUS di tingkat 2 dan akhir sekali di Auditorium Malakoff di tingkat bawah.

Yang DiPertua juga memaklumkan bahawa persidangan video akan diadakan di kedua-dua bilik di tingkat bawah dan tingkat dua masing-masing (*Auditorium Malakoff dan bilik Kuliah C & S / TUSTD*)

MAK terus dimaklumkan bahawa kakitangan Sekretariat ditempatkan di setiap bilik untuk membantu ahli-ahli sepanjang masa MAK. Yang DiPertua kemudiannya meminta ahli-ahli untuk memberikan nama dan nombor keahlian semasa sesi soal jawab untuk tujuan rekod.

**1.2 Latar belakang MAK**

Yang DiPertua memaklumkan kepada MAK bahawa Majlis pada mesyuarat yang lepas telah membuat keputusan bahawa "IEM tidak akan menggunakan "Engr." sementara menunggu keputusan dari pihak Peguam Negara dan kemudian perbincangan akan diadakan tentang tindakan yang akan diambil seterusnya. Gelaran Engr. juga akan digugurkan dalam isu-isu terkini majalah Jurutera IEM. Di samping itu IEM akan mengeluarkan 'risalah' kepada semua ahli untuk memaklumkan mengenai keputusan untuk tidak menggunakan gelaran "Engr." Risalah tersebut telahpun dikeluarkan untuk maklumat ahli-ahli pada 7 April 2016.

MAK terus dimaklumkan bahawa dua resolusi seperti berikut telah dibentangkan pada Mesyuarat Agung Tahunan ke-56 (MAT) yang diadakan pada 16 April 2016.

Resolusi No. 1 - pencadang: Ir. Gary Lim Eng Hwa (F08898)

*"Jawatankuasa Kerja dan Majlis IEM akan mematuhi arahan daripada Lembaga Jurutera Malaysia dengan tidak menggunakan Engr. dan tidak akan mengambil sebarang tindakan undang-undang untuk mencabar Lembaga Jurutera Malaysia atas arahan penggunaan Engr."*

Resolusi No. 2 - pencadang: Ir. Gary Lim Eng Hwa (F08898)

*"Jawatankuasa Kerja dan Majlis IEM ambil tindakan untuk membubarkan IEM Academy Sdn Bhd"*

MAT selepas perbincangan bersetuju bahawa Mesyuarat Agung Khas (MAK) akan dilangsungkan untuk membuat pengundian ke atas resolusi-resolusi tersebut. Pada mesyuaratnya selepas MAT, Jawatankuasa Kerja telah bersetuju bahawa MAK akan diadakan dalam tempoh tiga bulan dan menetapkan tarikh pada 19 Julai 2016.

Walaupun bagaimanapun pada 4 Mei 2016, Setiausaha Kehormat telah menerima e-mel dari pencadang resolusi memaklumkan bahawa beliau ingin menarik balik dua resolusi tersebut. Jawatankuasa Kerja pada mesyuarat berikutnya pada 9 Mei 2016 memutuskan bahawa MAK telah diluluskan oleh Mesyuarat Agung Tahunan, maka ia perlu diteruskan.

Walaupun bagaimanapun, Seksyen 7.7 Undang-Undang Kecil IEM memperuntukkan bahawa "Majlis boleh pada bila-bila masa menganjurkan Mesyuarat Agung Khas di kalangan ahli korporat untuk tujuan tertentu yang berkaitan dengan hala tuju dan pengurusan Institusi."

Setelah perbincangan dibuat, Majlis bersetuju untuk mengadakan MAK. Draf notis beserta kertas-kertas pembentangan telah diedarkan kepada Majlis untuk tindakan sewajarnya.

Yang DiPertua memaklumkan bahawa sehingga tarikh tutup pada 2 September 2016, dua komen telah diterima berdasarkan maklumbalas terhadap dua resolusi tersebut:

YBhg. Tan Sri Ir. Dr Teo Chiang Kok  
(Dist.M13434)

Walaupun resolusi itu menyeru supaya mematuhi pandangan Menteri, resolusi tersebut harus mempunyai jangkamasa penangguhan, contohnya 2 tahun? Jika tidak, ini adalah satu peluang bagi Peguam Negara/ Kementerian/ BEM untuk melengahkan isu ini selama-lamanya.

Ir. Jayaseelan Nadarajah  
(F14445)

Pengundian patut dilakukan oleh ahli Korporat yang hadir pada MAK dengan menunjukkan kad berwarna yang diberikan kepada mereka semasa pendaftaran bagi Resolusi 1. Ini adalah untuk mengelakkan kekeliruan yang mungkin timbul antara kategori korporat dan lain-lain kategori.





Yang DiPertua kemudiannya membentangkan Resolusi 1 dan menjemput komen daripada ahli-ahli yang hadir. Tempoh masa 30 minit akan diberikan sebelum MAK memulakan pengundian.

### 1.3 Perkara-perkara yang dibincangkan

Ir. Vincent Chen Kim Kieong (Hon.F05128) meminta nama-nama Pencadang dan Penyokong bagi kedua-dua Resolusi tersebut and mencadangkan bahawa mereka harus tampil untuk menjelaskan sebab-sebab Resolusi tersebut diutarakan.

Yang DiPertua memaklumkan bahawa Pencadang adalah Ir. Gary Lim Eng Hwa (F08898), dengan Ir. Ung Ah Hock (M12218) sebagai Penyokong. Beliau mengulangi bahawa dua resolusi tersebut telah diterima pada Mesyuarat Agung Tahunan ke-56 yang diadakan pada 16 April 2016 dan menyebabkan MAK diadakan. Walau bagaimanapun e-mel telah diterima daripada Pencadang memaklumkan bahawa beliau kini ingin menarik balik dua resolusi tersebut.

Bagaimanapun, Jawatankuasa Kerja dan Majlis telah berbincang dan memutuskan bahawa MAK perlu diadakan seperti yang diarahkan oleh Mesyuarat Agung Tahunan. Ini adalah kerana apabila Resolusi itu telah diluluskan dengan undian dalam Mesyuarat Agung Tahunan; ia tidak lagi berada di bawah kawalan Pencadang. Oleh itu, Resolusi tersebut perlu dibentangkan di MAK walaupun pada hakikatnya Ir. Gary Lim Eng Hwa dan Ir. Ong Ah Hock tidak hadir untuk membentangkan kes tersebut.

Ir. Vincent Chen Kim Kieong (Hon.F05128) seterusnya menyatakan bahawa tiada makna untuk pengundian tersebut diteruskan memandangkan kedua-dua Pencadang dan Penyokong tidak hadir, melainkan jika Majlis telah bersetuju untuk mengambilalih milik Resolusi tersebut.

Yang DiPertua mengulangi bahawa MAT telah mengambilalih milik Resolusi tersebut dan seterusnya Majlis telah mengikut arahan MAT untuk mengadakan MAK, sebagaimana yang termaktub dalam Perlembagaan dan Undang-Undang Kecil IEM.

YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) menyatakan bahawa memandangkan pencadang telah menarik balik resolusi tersebut, tidak ada gunanya untuk MAK meneruskan pengundian. Walau bagaimanapun beliau berpendapat bahawa MAK patut diteruskan dengan mengadakan sesi perbincangan yang biasa. Beliau juga mempersoalkan kenapa ia mengambil masa terlalu lama untuk MAK diadakan padahal Resolusi telah ditarik balik pada bulan Mei 2016. Beliau juga rasa bahawa Pencadang dan Penyokong patut hadir untuk membentangkan resolusi mereka.

Untuk menjawab komen-komen tersebut, Yang DiPertua merujuk kepada Fasal 7.8 berkenaan Mesyuarat Agung Khas pada muka surat 30, Undang-Undang Kecil IEM yang menyatakan:

#### *Mesyuarat Agung Khas (MAK)*

*7.8 Notis bagi Mesyuarat Agung Khas itu hendaklah diedarkan kepada Ahli Korporat sekurang-kurangnya dua puluh satu (21) hari sebelum mesyuarat tersebut. Notis itu hendaklah menyatakan secara am jenis perkara yang akan dibentangkan dan resolusi (jika ada) yang akan diusulkan pada mesyuarat itu dan urusan-urusan selain daripada itu tidak boleh dibincangkannya semasa mesyuarat tersebut.*

Yang DiPertua menyatakan bahawa sebaik sahaja jentera penggerak telah bermula iaitu MAK telah dipanggil, ia mestilah diadakan mengikut ketetapan yang termaktub di dalam Undang-Undang Kecil IEM. Beliau juga menyatakan bahawa ahli-ahli yang tidak bersetuju dengan Resolusi tersebut dialu-alukan untuk memberikan undian "Menentang" usul itu.

YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691)) bersetuju dengan tafsiran oleh Yang DiPertua. Beliau menjelaskan bahawa terdapat isu pentadbiran di Mesyuarat Agung Tahunan, di mana pihak Setiausaha telah gagal untuk mengedar resolusi kepada ahli-ahli terlebih dahulu sebelum MAT. Oleh itu, demi ahli-ahli Institusi, cara terbaik adalah untuk mengadakan MAK bagi membincangkan dan membuat undian ke atas kedua-dua resolusi yang dibentangkan oleh Ir. Gary Lim.

YBhg. Dato' Ir. Dr Gue See Sew (Hon.F03975) menyokong pandangan YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691) untuk MAK diteruskan, memandangkan tidak ada peruntukan bagi Resolusi yang telah ditarik balik.

YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) mengulangi pandangannya bahawa tidak ada gunanya untuk MAK dan undian diteruskan kerana pencadang telah menarik balik resolusi. Beliau mencadangkan supaya MAK diteruskan dengan perbincangan biasa.

YBhg. Dato' Ir. Dr Andy Seo Kian Haw (F13276) menyokong pandangan YBhg. Dato' Ir. (Hon.F00015) Pang Leong Hoon. Beliau juga berpendapat bahawa tidak perlu untuk membangkitkan Resolusi yang telah ditarik balik kerana ia akan menanggung kos, masa dan wang. Beliau menyatakan bahawa tindakan perlu diambil terhadap ahli tersebut mengikut Kod Etika IEM.



Ir. Fadhli Shazlan bin Abdul Rahman (M58690) memaklumkan bahawa sebelum menerima status Jurutera Profesional, beliau telah menulis beberapa artikel untuk majalah Jurutera. Beliau menegaskan bahawa gelaran "Engr." tidak pernah digunakan dalam artikel-artikel tersebut tetapi pihak IEM telah menambahkan gelaran "Engr." tersebut pada nama beliau. Pada bulan April tahun ini, beliau telah menerima surat dari Lembaga Jurutera Malaysia menyatakan bahawa beliau telah "melanggar Akta Pendaftaran Jurutera 1967 (disemak 2015)" kerana mengguna gelaran "Engr.". Beliau juga melahirkan rasa kecewa kerana IEM tidak dapat membantunya dengan alasan bahawa ini adalah urusan peribadi beliau dengan pihak BEM. Atas sebab itu, beliau berharap proses pengundian diterus supaya di masa hadapan tidak ada lagi jurutera lain yang akan menghadapi kesukaran yang sama.

## 2.0 RESOLUSI NO. 1

YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691) berharap MAK tidak akan terkeliru dengan isu dalam Resolusi No. 1 iaitu :

*"Jawatankuasa Kerja dan Majlis IEM akan mematuhi arahan daripada Lembaga Jurutera, Malaysia untuk tidak menggunakan Engr."*

dan yang kedua:

*"Tidak akan mengambil tindakan undang-undang untuk mencabar Lembaga Jurutera Malaysia mengenai penggunaan Engr."*

Beliau menyatakan bahawa setakat mana yang beliau ingat, BEM tidak pernah memberikan arahan untuk IEM tidak menggunakan gelaran "Engr." dan penggunaan gelaran tersebut adalah oleh individu dan bukan IEM. Oleh kerana tiada arahan tersebut, MAK perlu mengundi menentang Resolusi No. 1 kerana ia adalah perkara yang tidak wujud.

Ir. Loo Wen Siang (M05655) menyatakan bahawa ahli-ahli perlu diberi penjelasan tentang kos prosiding undang-undang yang beliau mendapat tahu mungkin mencecah RM500,000. Beliau mengingatkan bahawa Institusi perlu menanggung kos tersebut dalam masa di mana IEM masih mempunyai hutang sejumlah yang besar kepada bank.

YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691) menyatakan bahawa IEM perlu memahami kebimbangan ahli-ahli tentang kos yang perlu ditanggung sebelum membuat keputusan untuk meneruskan dengan prosiding undang-undang terhadap BEM. Oleh itu, Majlis IEM perlu berfikir dengan berhati-hati sebelum mengambil tindakan undang-undang. Walaupun ahli-ahli telah mengundi menentang Resolusi No. 1, ia tidak bermakna secara automatik yang IEM akan meneruskan dengan prosiding undang-undang terhadap BEM, kerana Majlis perlu mengupas dengan lebih mendalam tentang isu ini serta tanggungjawab yang dipikul dengan mengambil kira kos yang mungkin terlibat.

Timbalan Yang DiPertua, Ir. David Lai Kong Phooi (F09917) berpendapat bahawa prosiding undang-undang yang mungkin akan melibatkan semakan kehakiman Mahkamah Tinggi. Beliau memaklumkan mengenai kes di mana semakan kehakiman telah diadakan terhadap keputusan Majlis Peguam di mana Mahkamah Tinggi memutuskan berdasarkan empat elemen iaitu "menyalahi undang-undang", "tidak rasional", "kejanggalan" dan "kekadaran".

Beliau berpendapat bahawa anggaran kos yang terbabit untuk mengambil tindakan undang-undang adalah kurang daripada RM100,000, oleh itu, jumlah RM500,000 yang dinyatakan oleh ahli tersebut adalah tidak tepat. Beliau merasakan bahawa keadilan mesti didapatkan bagi pihak ahli-ahli siswazah, dan beliau mengingatkan semua ahli bahawa lebih daripada separuh ahli IEM adalah ahli siswazah, dan dengan itu IEM perlu berjuang untuk mendapat hak mereka untuk menggunakan gelaran "Engr." .

Ir. Prof. Dr. Jeffrey Chiang Choong Luin (F20286) menyatakan bahawa walaupun BEM hanya menghantar arahan melarang penggunaan "Engr." kepada individu serta universiti dan bukan kepada IEM tidak bermakna yang IEM boleh menggunakan gelaran "Engr.".

Ir. Lalchand A / L Gulabrai (M17881) berpendapat bahawa persoalan kos tidak harus menjadi faktor pengikat. Jika peruntukan perundangan dan profesional sememangnya diperlukan, kos yang terbabit bukanlah isu utama. Sebagai pengawal selia, BEM telah memberikan arahan kepada universiti-universiti yang perlu dipatuhi, supaya tidak dikenakan tindakan. Beliau berpendapat bahawa malangnya gelaran "Engr." telah digunapakai dalam dokumen-dokumen IEM walaupun pengarang itu sendiri tidak menggunakannya.

Beliau juga menyatakan bahawa MAK perlu membincangkan dan mengundi Resolusi seperti yang diarahkan oleh MAT walaupun pada hakikatnya Resolusi tersebut telah ditarik balik oleh Pencadang, demi meneruskan proses yang ditetapkan.

YBhg. Dato' Ir. Dr Gue See Sew (Hon.F03975) memaklumkan kepada mesyuarat bahawa Ir. Oon Kheng Chee, seorang peguam yang juga ahli IEM telah bersetuju untuk mengambil kes undang-undang bagi pihak IEM secara percuma.

YBhg. Dato' Ir. Dr Andy Seo Kian Haw (F13276) bagaimanapun berpendapat bahawa IEM tidak patut terlalu berkira tentang kos guaman kerana ini adalah berkenaan reputasi IEM. Beliau berpendapat bahawa isu ini boleh membawa kesan yang amat besar kepada IEM sekiranya para ahli memutuskan untuk menyaman IEM kerana mereka tidak dapat menggunakan gelaran "Engr.". Beliau juga menyatakan bahawa IEM perlu melantik seorang peguam yang wajar bagi mengendalikan kes itu.

Ir. Choo Kok Beng (Hon.F02828) menyatakan bahawa jika MAK mengundi untuk menyokong Resolusi No. 1, ia akan menutup sebarang peluang bagi IEM untuk berjuang menuntut hak menggunakan gelaran "Engr." melalui cara undang-undang walaupun terdapat alasan yang baik untuk berbuat demikian. Sebaliknya jika MAT mengundi menentang Resolusi No. 1, ia tidak bermakna bahawa tindakan undang-undang pasti diambil, kerana ini masih tertakluk kepada keputusan Majlis dan Mesyuarat Agung Tahunan selepas proses diambil. Oleh itu, ahli-ahli tidak harus menafikan peluang IEM untuk berjuang bagi hak penggunaan gelaran "Engr."

Ir. Vincent Chen Kim Kieong (Hon.F05128) merasakan bahawa tindakan MAK adalah seperti "dulu bajak daripada jawi" kerana IEM masih menunggu taksiran Pejabat Peguam Negara mengenai penggunaan "Engr." yang mungkin juga memihak kepada IEM atau sebaliknya. Oleh itu, adalah terlalu awal untuk MAK membuat pengundian sama ada patut menurut arahan BEM buat masa ini. Beliau menyatakan bahawa masalah timbul kerana perbezaan tafsiran oleh IEM dan BEM yang akan memerlukan pihak ketiga untuk membuat keputusan contohnya kes-kes pengantaraan dan timbangtara.

Timbalan Yang DiPertua Ir. David Lai Kong Phooi (F09917) menjelaskan bahawa pihak BEM telah memberi arahan sebagai sebuah badan awam, oleh itu, IEM perlu mendapatkan keputusan Mahkamah Tinggi untuk membatalkan arahan tersebut. Ini boleh dilakukan dengan memohon saman pemula (OS) bagi semakan kehakiman. Oleh sebab itu, perkara ini tidak boleh diselesaikan melalui mediasi atau penimbangtaraan.

Dr. Wang Hong Kok (F02364) berpendapat, bahawa memandangkan kuorum sudah mencukupi, MAK perlu meneruskan dengan pengundian seperti yang diarahkan oleh Mesyuarat Agung Tahunan.

Ir. Mah Way Sheng (M30694) memperkenalkan dirinya sebagai Bekas Pengerusi Seksyen Jurutera Muda (YES) dan memaklumkan bahawa dia adalah salah seorang daripada ramai ahli YES yang sebelum ini telah menerima surat amaran daripada BEM. Beliau menyatakan bahawa majoriti ahli YES percaya perkara ini boleh diselesaikan jika IEM dan BEM bekerja bersama-sama untuk mencari penyelesaian. Beliau menyeru supaya MAK mengundi dengan bijaksana demi kepentingan ahli-ahli YES, disebabkan mereka tidak ada hak mengundi mengenai perkara ini walaupun isu ini secara langsung memberi kesan kepada mereka. Beliau menyatakan bahawa ahli-ahli YES amat berbangga untuk menggunakan gelaran "Engr." dan juga membawa gelaran pada kad nama mereka sebelum menerima arahan BEM.

Ir. Ragbir Singh Dhillon (M08217) menyatakan bahawa beliau tersentuh dengan pernyataan oleh Ir. Mah Way Sheng (M30694) dan Ir. Fadhli Shazlan bin Abdul Rahman (M58690). Ahli-ahli korporat perlu menyampaikan mesej yang kuat untuk menegakkan gelaran "Engr." demi ahli YES yang akhirnya akan berjaya sebagai seorang jurutera profesional supaya jangan nanti "mereka menjadi peguam atau usahawan". Oleh itu, beliau mencadangkan supaya kesimpulan dibuat untuk MAK meneruskan pengundian.

Tuan Haji Ir. Mohd Ali Yusoff (01974) mengesahkan cadangan untuk MAK meneruskan pengundian.

YBhg Dato' Ir. Dr Gue See Sew (Hon.F03975) bersetuju dengan pandangan Ir. Vincent Chen Kim Kieong (Hon.F05128) bahawa perkara ini adalah mengenai isu tafsiran. Oleh itu, beliau menggesa bahawa MAK perlu mengundi menentang Resolusi No.1. Beliau sedia menawarkan diri untuk mengumpul dana bagi membolehkan IEM meneruskan dengan tindakan undang-undang jika perlu.

Yang DiPertua meneruskan dengan ucapan penutup untuk pengundian ke atas Resolusi No. 1. Antara lain, beliau mengingatkan MAK adalah:-

1. terdapat 105 ahli-ahli korporat yang hadir di MAK, yang akan membuat keputusan mengenai masa depan 10,000 ahli-ahli siswazah IEM dan hak mereka untuk menggunakan Engr.
2. jika MAK mengundi "Ya" kepada Resolusi No.1, ia akan menandakan bahawa IEM telah mengaku bersalah. Sebagai persatuan profesional dan terpelajar, IEM perlu menegakkan kebenaran dan tidak tunduk kepada arahan.
3. kerana isu tersebut adalah sekadar tafsiran tentang penggunaan "Engr" dari Mahkamah. IEM tidak boleh menafikan hak sendiri untuk meneruskan keadilan melalui saluran prosiding undang-undang.
4. jika IEM membuat keputusan untuk menggunakan saluran prosiding perundangan, kos guaman akan dibayar melalui dana yang telah dijanjikan oleh YBhg. Dato' Ir. Dr Gue See Sew (Hon.F03975) dan tidak akan dibayar menggunakan kutipan yuran tahunan ahli.

MAK dengan itu telah mengundi seperti berikut:

	Menyokong	Menentang	Berkecuai
Resolusi 1	7	96	2

Dengan keputusan tersebut, Resolusi No 1. telah ditolak oleh MAK.



### 3.0 RESOLUSI NO. 2

MAK diteruskan dengan perbincangan berkenaan Resolusi No.2 - pencadang: Ir. Gary Lim Eng Hwa (F08898)

*“Jawatankuasa Kerja dan Majlis IEM ambil tindakan untuk menamatkan IEM Academy Sdn Bhd”*

Rasional untuk Resolusi:

*- Kerana keupayaan IEM Academy Sdn Bhd (IEMASB) untuk meraih keuntungan tidak dapat dilihat.*

Yang DiPertua memaklumkan bahawa IEMASB adalah cabang perniagaan IEM yang ditubuhkan sebagai sumber pendapatan alternatif supaya IEM tidak terlalu bergantung semata-mata kepada yuran ahli bagi membiayai fungsi institusi. Perkara yang sama juga telah dilakukan oleh institusi-institusi luar negara yang lain seperti Institusi Jurutera Elektrik dan Elektronik (IEEE) dan Institusi Jurutera Awam (ICE). Beliau memaklumkan bahawa IEMASB secara konsisten telah memperolehi pendapatan sebanyak RM100,000 setahun dengan operasi yang bergantung kepada bantuan secara sukarela oleh sebilangan ahli IEM bersama dengan hanya seorang kakitangan bergaji. Walaupun buat masa ini, IEMASB tidak dapat menjana keuntungan, penamatan operasi syarikat itu akan menutup peluang menjana pendapatan pada masa akan datang.

YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) berpendapat bahawa penutupan sesebuah syarikat kerana tidak menjana pendapatan dalam beberapa tahun pertama penubuhannya adalah tidak wajar. Dia menegaskan bahawa seperti dalam mana-mana amalan biasa, syarikat itu memerlukan sedikit masa untuk meraih keuntungan.

YBhg. Dato' Ir. Dr Andy Seo Kian Haw (F13276) bertanya sama ada Pusat Latihan IEM (IEMTC) masih menyediakan latihan kepada SME Corporation Malaysia di mana syarikat yang layak boleh menuntut 70% daripada yuran pendaftaran sebagai rebat daripada SME Corporation Malaysia, sebagaimana yang telah dinyatakan di dalam Mesyuarat Agung Khas kertas No. 2016/07/02. Penjelasan diberi bahawa perjanjian dengan SME Corporation Malaysia mungkin telah luput tetapi kenyataan itu adalah betul pada masa kertas tersebut dicetak.

YBhg. Dato' Ir. Dr Andy Seo Kian Haw (F13276) juga bersetuju dengan komen dari YBhg. Dato' Ir. Pang Leong Hoon (Hon. F00015) bahawa akan terdapat banyak peluang untuk IEMASB menjalankan latihan. Beliau juga mencadangkan supaya seorang Pengurus Pembangunan Perniagaan sepenuh masa dan bergaji dilantik untuk IEMASB.

Setiausaha Kehormat Ir. Yam Teong Sian (F05612) bersetuju dengan pandangan yang dinyatakan oleh YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) dan YBhg. Dato' Ir. Dr Andy Seo Kian Haw (F13276) bahawa Resolusi yang dibangkitkan bukan lagi satu isu. Beliau bagaimanapun mengingatkan MAK yang IEM mempunyai perlembagaan untuk dipatuhi dan dua Resolusi telah pun dibangkitkan yang mana pihak Majlis IEM dan MAT telah memberi maklum balas sewajarnya melalui proses demokrasi. Oleh itu, ahli-ahli IEM yang menghadiri MAK harus berbangga kerana mereka datang untuk menyertai proses tersebut.

Ir. Choo Kok Beng (Hon.F02828) menyatakan bahawa ramai ahli tidak menyedari kewujudan IEMASB dan IEMTC sebagai cabang perniagaan IEM yang boleh memberi peluang kepada ahli jurutera yang berpengalaman terutamanya untuk berkongsi kepakaran mereka dengan ahli-ahli yang lebih muda sebagai pensyarah di IEMASB dan IEMTC.

YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691) menyatakan bahawa dari sudut pandangan perniagaan adalah tidak bijak untuk memiliki dua buah perniagaan yang bersaing antara satu sama lain. Bagaimanapun, Resolusi No. 2 dibentangkan kerana keupayaan IEMASB meraih keuntungan tidak dapat dilihat dan bukannya disebabkan persaingan antara dua perniagaan yang dimiliki oleh IEM. Beliau menyatakan bahawa jika IEM terus menamatkan IEMASB, ia akan kehilangan kerugian terakru dari kredit cukai bagi keuntungan masa depan. Oleh itu beliau berpendapat bahawa IEMASB tidak patut ditamatkan kerana itu bukanlah keputusan perniagaan yang bijak.

Ir. Yap Hoon Hoe (F04086) memaklumkan bahawa IEMASB pada mulanya ditubuhkan dengan hasrat untuk mencapai status sebagai sebuah universiti satu hari nanti. Oleh itu, adalah tidak logik untuk menjangkakan syarikat ini akan mendapat keuntungan pada peringkat awal penubuhannya.

Ir. Prof. Dr Ruslan Hassan (F03541) menjelaskan bahawa IEMASB dan IEMTC tidak bersaing antara satu sama lain tetapi saling melengkapi. IEMASB sepatutnya menjalankan latihan berstruktur seperti program kecekapan dan latihan pensijilan kepada profesional dan sub-profesional dalam bidang masing-masing bagi membolehkan mereka mendaftar untuk pengamalan.

Ir. Ong Ching Loon (F11938) memaklumkan bahawa IEMASB dan IEMTC adalah berbeza antara satu sama lain kerana IEMTC menganjurkan persidangan, seminar dan kursus manakala IEMASB akan menyediakan kursus kemahiran berstruktur. Walau bagaimanapun untuk mendapatkan pengiktirafan dan akreditasi bagi kursus kompetensi dari organisasi yang berkaitan, proses ini akan mengambil sedikit masa. Oleh itu pada awal penubuhannya, IEMASB perlu menjalankan kursus jenis lain untuk menjana pendapatan sebelum memulakan sepenuhnya kursus kecekapan berstruktur.



Timbalan Yang DiPertua Ir. David Lai Kong Phooi (F09917) memaklumkan bahawa selain hasil perolehan daripada kursus yang dikendalikan, terdapat juga hasil yang diperolehi daripada iklan laman web. Beliau memaklumkan bahawa pendapatan sebanyak RM54,000 telah diperolehi untuk tahun 2016 dan ini dijangka meningkat pada masa akan datang kerana potensi untuk jualan iklan laman web kini masih kurang digunakan. IEMASB telah diuruskan secara berhemah dengan kos sebanyak RM10,000 sebulan di mana RM5,000 diperuntukkan untuk perbelanjaan kakitangan dan RM5,000 untuk sewa laman web. Dari sudut pandangan perniagaan, ia adalah berbaloi untuk mengekalkan IEMASB kerana ia akan memberi lebih banyak keuntungan pada masa akan datang.

YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) menyatakan bahawa IEM perlu berusaha ke arah menjadikan IEMASB sebuah universiti.

Sebagai jawapan kepada pertanyaan dari YBhg. Dato' Ir. Dr Andy Seo Kian Haw (F13276), MAK dimaklumkan bahawa komposisi Lembaga Pengarah untuk IEMTC dan IEMASB adalah berbeza.

Ir. Elias Saidin (F10100) berpendapat bahawa dalam jangka panjang adalah berbaloi jika IEMTC dan IEMASB bergabung menjadi satu entiti.

Ir. Shahul Ikram bin Adnan (M10375) memaklumkan bahawa sehingga Februari 2016 Lembaga Jurutera Malaysia telah mengeneipkan keperluan untuk Jurutera Siswazah mengutip 90 jam PDP. Ini akan menjadi halangan kepada IEMTC untuk mendapat penyertaan kursus. Beliau juga mengulas bahawa kebiasaannya jika sesebuah syarikat mengalami kerugian, ianya tidak akan ditamatkan tetapi akan disimpan sebagai tidak aktif. Yang DiPertua IEM menjawab bahawa dengan penstrukturan semula Lembaga Pengarah IEMTC dan IEMASB baru-baru ini, kedua-dua syarikat akan dipantau dengan rapi supaya menjadi lebih berdaya maju.

Ir. Fadhli Shazlan bin Abdul Rahman (M58690) menyoal sama ada IEMASB dilengkapi untuk mengeluarkan ijazah lanjutan seperti yang dinyatakan dalam Kertas MAK 2016/07/02. Yang DiPertua menjelaskan bahawa IEMASB akan memberi tumpuan kepada perkara ini sebagai sebahagian daripada rancangan perniagaannya. Sebagai institusi terpelajar yang disertai oleh lebih 40,000 orang ahli, IEM mempunyai kekuatan potensi yang boleh diterokai sepenuhnya untuk melaksanakan visi ini.

Setiausaha Kehormat Ir. Yam Teong Sian (F05612) menyamakan pengundian untuk menamatkan IEMASB sebagai "membunuh angsa yang menetas telur emas" kerana terdapat potensi yang amat besar dalam latihan seperti yang dinyatakan oleh Ir. Choo Kok Beng (Hon.F02828). Beliau menggesa ahli-ahli yang berminat untuk berkhidmat dalam IEMTC dan IEMASB untuk tampil ke hadapan, untuk menjadikan organisasi itu lebih hebat.

YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691) menyarankan bahawa IEMASB boleh menawarkan program berkembar dengan universiti lain setanding dengan Sunway College, Kolej SEGI, Universiti Lim Kok Wing atau lebih baik daripada mereka. Walau bagaimanapun IEMASB perlu bersedia ke arah ini selaras dengan wawasan pengasas yang menubuhkannya.

Timbalan Yang DiPertua Ir. David Lai Kong Phooi (F09917) bersetuju dengan YBhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah (Hon.F01691). Sebagai menjawab komen dari Ir. Fadhli Shazlan bin Abdul Rahman (M58690), beliau menyatakan bahawa kursus mandatori BEM hanya menyumbang 20% daripada jumlah pendapatan yang diperolehi oleh IEMTC. Oleh itu, kesan daripada pembubaran kursus mandatory adalah agak kurang. Walau bagaimanapun margin keuntungan daripada kursus latihan adalah amat besar, di mana keuntungan bersih adalah lebih daripada 30%.

Ir. Al-Khairi bin Mohd Daud (M14670) menyatakan bahawa kebanyakan ahli umum tidak biasa dengan cara kerja IEMASB dan dengan itu tidak pasti mengapa ia perlu ditamatkan. Beliau juga bertanyakan mengapa MAK perlu membuat pengundian memandangkan Resolusi No. 2 telah ditarik balik. Beliau menggesa ahli-ahli diberi penerangan yang lebih lanjut mengenai IEMASB supaya mereka boleh memberi sokongan yang baik.

Ir. Dr. Tan Chee Fai (F18343) menyatakan bahawa berdasarkan daripada 100,000 graduan kejuruteraan yang dihasilkan dari university setiap tahun, IEMASB perlu memberi tumpuan kepada program kecakapan bagi graduan kejuruteraan. Oleh itu, beliau berpendapat bahawa IEMASB tidak harus ditamatkan, sebaliknya ia perlu dipertingkatkan supaya akhirnya akan menjadi sebuah universiti.

Ir. Yap Hoon Hoe (F04086) merasakan bahawa IEMASB tidak patut ditamatkan kerana IEM telahpun mempunyai kemudahan di Wisma IEM. Beliau berharap IEMASB akhirnya akan menjadi sebuah universiti seperti apa yang dibayangkan oleh pengasasnya.

Yang DiPertua memberi kenyataan menutup bahawa dengan penamatan IEMASB, ahli-ahli akan "membunuh angsa yang menetas telur emas". Beliau menggesa ahli-ahli untuk mengundi menentang Resolusi No.2 kerana beliau yakin IEMASB akan pulih dengan keuntungan dan akhirnya menjadi sebuah kolej kejuruteraan terkemuka atau universiti yang menjadi kebanggaan ahli-ahli.





MAK dengan itu telah mengundi seperti berikut:

	Menyokong	Menentang	Berkecuali
Resolusi 2	0	102	3

Dengan itu, Resolusi No. 2 telah ditolak oleh MAK.

#### 4.0 LAIN-LAIN HAL

YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) mengesyorkan bahawa untuk masa hadapan, seseorang ahli mestilah mempunyai alasan untuk menyokong resolusinya jika mereka ingin membentangkan Resolusi. Jika tidak, pembentangan tersebut harus ditolak oleh Majlis atau MAT.

Merujuk kepada komen dari Ir. Fadhi Shazlan bin Abdul Rahman (M58690) yang IEM tidak dapat membantunya mengenai surat daripada BEM, Ir. Vincent Chen Kim Kieong (Hon.F05128) menegaskan bahawa IEM mesti menyokong kesemua ahli siswazah yang telah menggunakan gelaran "Engr." .

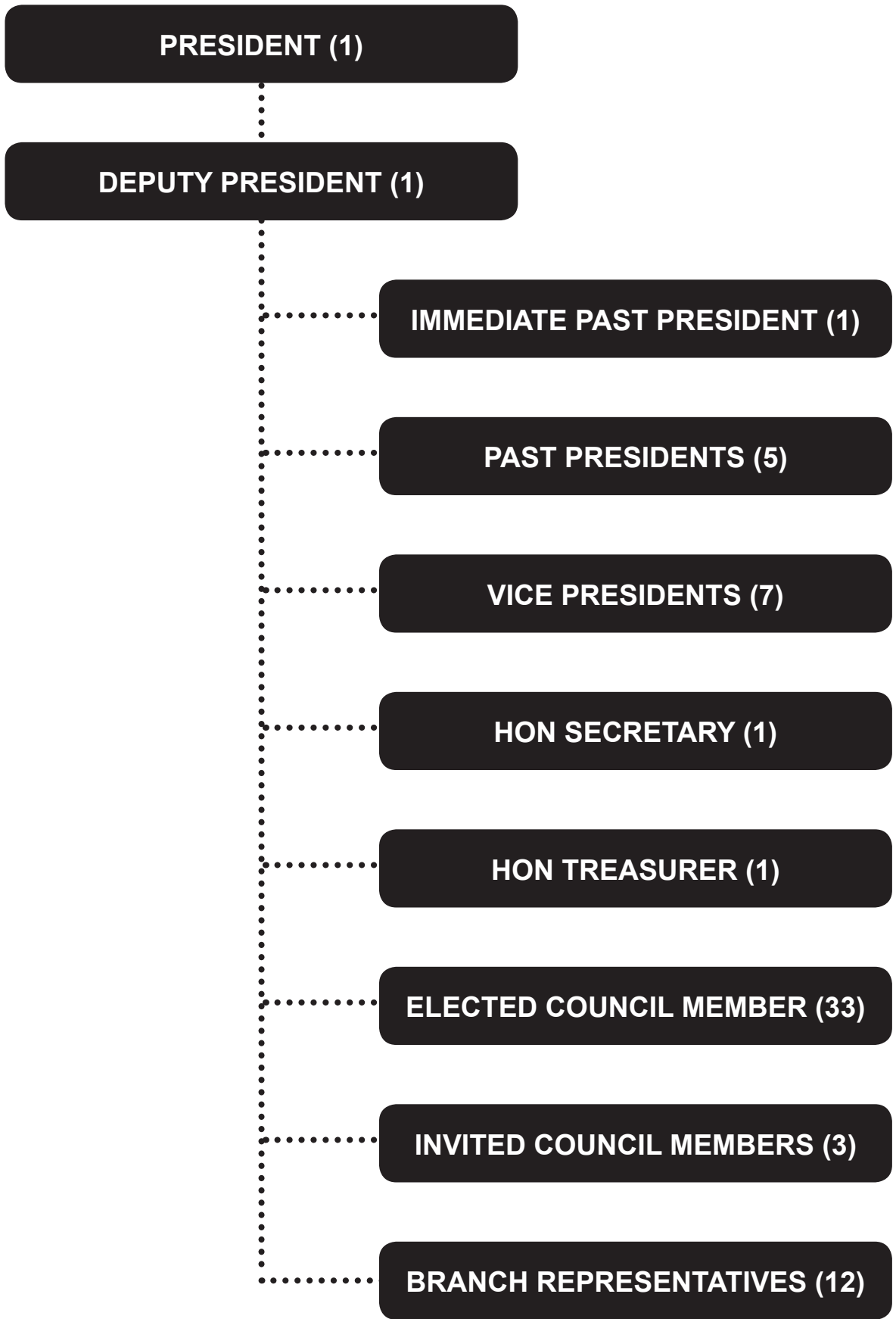
#### 5.0 PENANGGUHAN MESYUARAT AGUNG KHAS

Yang DiPertua mengisytiharkan Mesyuarat Agung Khas ditangguhkan pada 11:40 pagi dan mengucapkan terima kasih kepada ahli-ahli di atas kehadiran mereka kerana ia menunjukkan komitmen yang tinggi kepada IEM secara keseluruhannya.

Ir. Tan Yean Chin  
Yang Dipertua

Ir. Yam Teong Sian  
Setiasaha Kehormat







**First Row (Seated) (L to R)**

Ir. Yam Teong Sian (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' Paduka Ir. Hj. Kezrul bin Abdullah (Past President), Y.Bhg. Dato' Ir. Dr. Gue See Sew (Past President), Ir. David Lai Kong Phooi (Deputy President), Ir. Tan Yean Chin (President), Y.Bhg. Dato' Ir. Lim Chow Hock (Immediate Past President), Y.Bhg. Academician Tan Sri Ir. (Dr.) Hj Ahmad Zaidee bin Laidin (Past President), Ir. Prof. Dr. Jeffrey Chiang Choong Lwin (Vice President), Ir. Elias bin Saidin (Vice President), Ir. Assoc. Prof. Dr Norlida bt. Bumyamin (Vice President), Ir. Ong Ching Loon (Vice President), Dr Wang Hong Kok (Honorary Treasurer)

**Second Row (L to R)**

Ir. Dr. Tan Kuang Leong, Ir. Dr Ahmad Anuar bin Othman, Ir. Yap Soon Hoe, Ir. Assoc. Prof. Dr Leong Wai Yie (Observer from WE), Ir. Gopal Narian Kufly, Ir. Roznan bin Abdul Rashid (Representative of Other Disciplines), Y.Bhg. Dato' Ir. Hj. Hanapi Bin Mohammed Noor, Ir. Santhakumaran a/l Erusan, Ir. Hj. Anuar bin Yahya, Ir. Hj. Vincent Tang Chok Khing (Chairman, Sarawak Branch), Ir. Dr Mui Kai Yin (Chairman, Penang Branch), Ir. Mohd Aman bin Hj Idris, Ir. PE Chong, Ir. Mohd Khir bin Muhammad

**Third Row (L to R)**

Ir. Hoo Choon Sean, Ir. Gunasagar a/l Kristina, Ir. Simon Yeong Chin Chow (Representative from Perak Branch), Ir. Sreedaran a/l Raman, Ir. Roger Wong Chin Weng, Mr. Abdul Fattah bin Mohd. Yatim (Representative for ICT and Multimedia), Y.Bhg. Dato' Ir. Hj. Noor Azmi bin Jaafar, Ir. Tan Joo Kok (Representative from Sarawak Branch), Ir. Chen Harrn Shean, Ir. Dr Ahmad Kamil bin Atshad

**Fourth Row (L to R)**

Ir. Paul Chiew Lik Ing (Chairman, Miri Branch), Ir. Ng Yong Kong, Ir. Abdullah Zawawi bin Mohd Noor (Representative from Terengganu Branch), Ir. Willy Chin Tet Fu (Representative from Sabah Branch), Mr. Kok Jing Shun (Observer from YES), Ir. Mah Way Sheng, Ir. Thomas Chooing Shean Yaw (Chemical Representative), Ir. Ong Sang Woh, Ir. Hoo Wing Chuen (Structural Representative), Ir. Dr Aminuddin bin Mohd Baki, Ir. Lee Meng Chiat (Chairman, Southern Branch), Y.Bhg. Lt. Jen. Dato' Wira Ir. Ismail bin Samion (Ret. RMAF)

**Not in Picture**

Y.Bhg. Academician Dato' Ir. Prof. Dr Chuah Hean Teik (Past President), Y.Bhg. Datuk Ir. Adanan bin Mohamed Hussain, Y.Bhg. Dato' Ir. Ahmad 'Asri bin Abdul Hamid, Y.Bhg. Dato' Ir. Low Keng Kok, Ir. Prof. Dr Mohd Zamin bin Jumaat (Civil Representative), Ir. Dr Kannan M. Munisamy (Mechanical Representative), Y.Bhg. Dato' Ir. Dr Ali Askar bin Sher Mohamad (Electrical Representative), Ir. Gary Lim Eng Hwa, Ir. Tejinder Singh, Y.Bhg. Dato' Ir. Tr. Hj. Abdul Jalil bin Mohamed (Chairman, Pahang Branch), Y.Bhg. Dato' Ir. Zainun bin Karman (Chairman, Negeri Sembilan Branch), Ir. Dr Tan Chee Fai (Chairman, Melaka Branch), Ir. Hj. Abdullah bin Othman (Chairman, Kedah-Pertis Branch), Ir. Hj. Mohd Zaim bin Abd. Hamid (Chairman, Kelantan Branch)





**First Row (Seated) (L to R)**

Ir. Assoc. Prof. Dr Norlida binti Buniyamin (Vice President), Ir. Lee Boon Chong (Vice President), Ir. Lai Sze Ching (Vice President), Dr Wang Hong Kok (Honorary Treasurer), Ir. David Lai Kong Phooi (Deputy President), Ir. Tan Yean Chin (President), Ir. Yam Teong Sian (Honorary Secretary), Ir. Prof. Dr Ruslan bin Hassan (Vice President), Ir. Prof. Dr Jeffrey Chiang Choong Luin (Vice President), Ir. Elias bin Saidin (Vice President), Ir. Ong Ching Loon (Vice President)

**Second Row (L to R)**

Ir. Gunasagaran Kristnan, Ir. Yap Soon Hoe, Ir. Ishak bin Abdul Rahman, Ir. Gopal Narian Kutty, Ir. P. E. Chong, Y.Bhg. Lt. Jen. Dato' Wira Ir. Ismail bin Samion (Ret. RMAF), Ir. Mohd Khir bin Muhammad

**Not in Picture**

Ir. Dr Tan Chee Fai



**First Row (Seated) (L to R)**

Mr. Loo Weng Soon (Senior Executive), Ms. Eunice Yap Kwai Hiong (Senior Executive), Ms. Sarita Kaur (Manager), Ms. Janet Lim Kwai Cheng (General Manager – Administration and Operations), Dr Wang Hong Kok (Honorary Treasurer), Ir. David Lai Kong Phooi (Deputy President), Ir. Tan Yean Chin (President), Ir. Yam Teong Sian (Honorary Secretary), Ir. Wong Chee Fui (Executive Director), Ms. Ooi Beng Ean (General Manager – Special Projects), Cik Shahrl Bahariah bt Sulaiman (Senior Manager), Puan Ainul Azraina binti Ainul Adnan (Manager), Puan Jamaliah Zainuddin (Senior Executive)

**Second Row (L to R)**

Cik Nur Husna binti Mohd Nazri, Puan Nurul Aida binti Mustafa, Cik Ratnaidayah binti Zaini, Cik Ungku Fasiah Binti Ungku A. Halim, Cik Zainun Binti Mohamed Rani, Ms. Roselein a/p Lodo Samy, Ms. Shamalah a/p Sree Moorthy, Puan Norimah binti Md. Hashim, Ms. Parimala a/p Maruthamuthoo, Puan Nurul Aida binti Abdul Razak, Puan Salina binti Mohd Fadli, Cik Syafini binti A. Rahman, Puan Fatimah binti Mohd. Abdul Kadzar, Ms. Prema a/p Silvarajan, Puan Nik Rosnaha Binti Nik Mustapa, Cik Suriani Binti Jali

**Third Row (L to R)**

Cik Farezah binti Junaidi, Cik Siti Aisyah binti Saey, Puan Norfarehan Izyani Binti Abdul Latif, Cik Rizaini Hanum binti Abdul Halim, Ms. Wong May Lee, Ms. Valli P. Saminathan, Puan Ruhaida binti Daud, Puan Halimah binti Musa

**Fourth Row (L to R)**

En. Azizi bin Ajik, En. Aklanie Mahzan bin Mat Zin, Mr. Roger Chuah Siong Choon, En. Baharuddin bin Mohamad Suhaimin, En. Abdullah bin Anda

**Not In Picture**

Cik Mirdeeliani Binti Amir, Cik Norshafiqah binti Sha'ari, En. Izharuddin Alradzi bin Mohamad Hairani











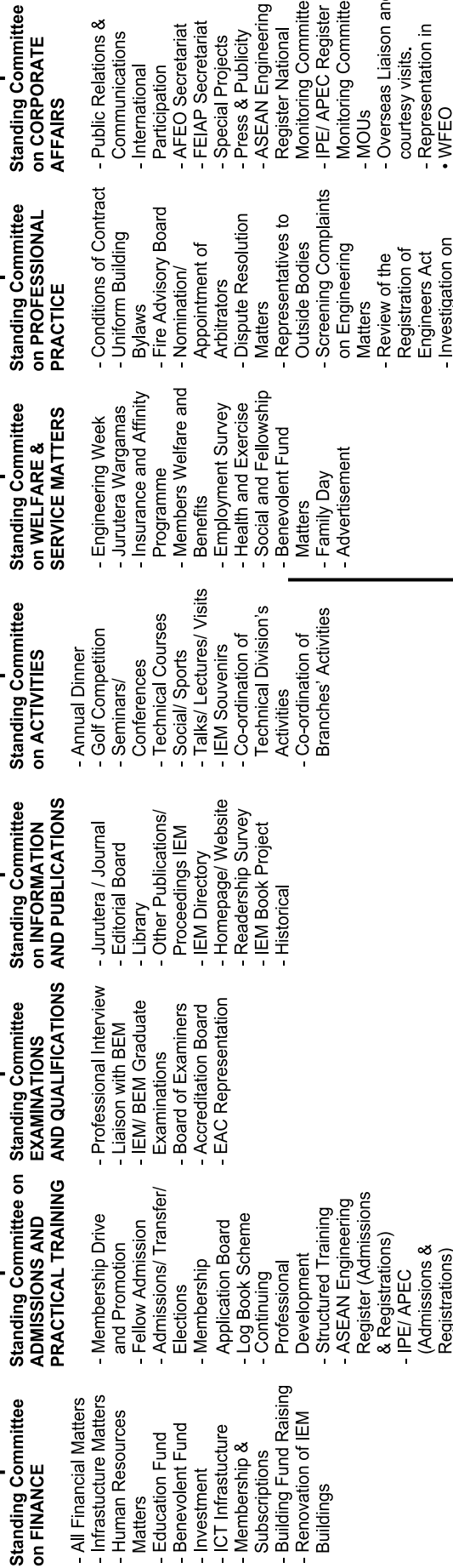
**MEMBERS OF THE INSTITUTION**

**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



**WOMEN ENGINEERS SECTION**

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

**TECHNICAL DIVISIONS**

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

**SPECIAL INTEREST GROUPS**

- Information + Communications Technology
- Consulting Engineering
- Seniors
- Public Sector Engineers
- Urban Engineering Development
- Geotechnical
- Civil & Structural
- Chemical
- Mechanical
- Electrical
- Building Services
- Water Resources
- Oil, Gas & Mining
- Marine & Naval Architecture

**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 58th Annual Report for session 2016/2017 covering the period 1 April 2016 until 31 March 2017.

## 2 MEMBERSHIP

2.1 The membership of the Institution as at 1 March 2017 now stands at 41,859.

Comparative figures of the last five years are as follows:

Grade	2013	2014	2015	2016	2017
Distinguished Hon. Fellow	2	2	2	2	2
Hon. Fellow	27	28	30	28	28
Fellow	711	712	715	714	736
D. Member	0	1	1	1	1
Hon. Member	5	7	7	7	8
Senior Member	0	12	20	17	31
Member	9,244	9,391	9,370	9,501	10,119
Companion	0	31	85	179	222
Graduate	9,030	9,723	10,522	9,430	10,385
Incorporated	45	48	51	60	82
Affiliate	16	16	15	18	28
Associate	20	26	22	24	41
Student	7,866	8,619	15,349	20,227	20,176
<b>Total</b>	<b>26,966</b>	<b>28,616</b>	<b>36,189</b>	<b>40,193</b>	<b>41,859</b>

### 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	224	9	391	4	1	1	1509	2148
Penang Branch	0	1	24	0	0	1	495	15	538	3	0	2	1037	2116
Perak Branch	0	1	19	0	0	2	369	4	676	8	3	3	1944	3029
Kelantan Branch	0	0	4	0	0	1	92	1	183	1	0	0	1322	1604
Pahang Branch	0	0	6	0	0	0	130	1	275	1	1	2	1036	1452
Terengganu Branch	0	0	6	0	0	0	136	5	199	1	0	0	948	1295
Sarawak Branch	0	2	31	0	0	1	712	4	702	5	0	3	1678	3138
Miri Branch - Brunei	0	0	15	0	2	0	97	2	157	1	1	0	179	454
Southern Branch – Johor & Singapore	0	0	55	0	1	3	654	15	860	7	2	3	2670	4270
Melaka Branch	0	0	11	0	0	0	157	3	297	1	0	1	726	1196
Negeri Sembilan Branch	0	0	12	0	3	0	232	9	361	4	1	0	890	1512
Sabah Branch – Sabah & Labuan	0	2	41	0	0	2	506	8	553	2	0	1	729	1844
IEM HQ – KL & Selangor	2	21	488	1	2	20	6135	146	5157	44	19	25	5481	17541
Others - Oversea	0	1	15	0	0	1	180	0	36	0	0	0	27	260
<b>TOTAL</b>	<b>2</b>	<b>28</b>	<b>736</b>	<b>1</b>	<b>8</b>	<b>31</b>	<b>10119</b>	<b>222</b>	<b>10385</b>	<b>82</b>	<b>28</b>	<b>41</b>	<b>20176</b>	<b>41859</b>



## 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	17	2	11	0	0	0	57	89
AEROSPACE	0	0	0	0	0	0	8	0	26	0	0	0	17	51
AGRICULTURAL	0	0	3	0	0	0	30	2	39	1	0	0	50	125
ARCHITECTURAL	0	0	0	0	0	0	1	0	1	0	0	0	0	2
AUTOMOTIVE	0	0	0	0	0	0	4	0	6	0	0	1	20	31
BIOCHEMICAL	0	0	0	0	0	0	0	0	10	0	0	0	3	13
BIOENGINEERING	0	0	0	0	0	0	0	0	1	0	0	0	0	1
BIO-MEDICAL	0	0	0	0	0	0	8	0	29	2	0	0	64	103
BIOTECHNOLOGY	0	0	0	0	0	0	0	0	1	0	0	0	0	1
BUILDING	0	0	0	0	0	0	2	0	1	0	0	2	1	6
BUILDING SERVICES	0	0	0	0	0	0	5	0	2	0	0	2	0	9
CAD/CAM	0	0	0	0	0	0	1	1	4	0	0	0	14	20
CHEMICAL	0	0	20	0	0	2	287	10	731	3	3	0	1833	2889
CIVIL	0	10	429	0	0	14	5257	66	3994	22	4	10	4584	14390
CIVIL & STRUCTURAL	0	0	0	0	0	0	0	0	2	0	0	0	8	10
COMMUNICATION	0	0	1	0	0	0	5	0	13	0	0	0	55	74
COMPUTER	0	0	0	0	0	1	6	1	30	0	1	0	37	76
COMPUTER & COMMUNICATION	0	0	0	0	0	0	4	0	3	0	0	0	4	11
COMPUTER SYSTEMS	0	0	0	0	0	0	1	0	0	0	1	0	1	3
CONSTRUCTION	0	0	0	0	0	0	1	0	2	0	0	0	0	3
CONTROL SYSTEM	0	0	0	0	0	0	0	0	1	0	0	0	0	1
ELECTRICAL	1	7	129	1	0	5	2009	28	1786	15	0	4	3063	7048
ELECTRICAL & ELECTRONIC	0	0	0	0	0	0	0	0	1	0	0	0	382	383
ELECTROMECHANICAL	0	0	0	0	0	0	3	0	0	1	0	0	1	5
ELECTRONIC	0	0	8	0	0	1	258	45	748	10	3	12	2931	4016
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	0	0	0	0	3
ENVIRONMENTAL	0	0	0	0	0	0	13	1	70	0	2	0	115	201
FOOD & PROCESS	0	0	0	0	0	0	2	0	9	0	0	0	2	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
GEOLOGICAL	0	0	0	0	0	0	1	0	1	0	2	0	0	4
GEOTECHNICAL	0	0	1	0	0	0	15	0	3	0	1	0	0	20
HIGHWAY	0	0	0	0	0	0	9	1	0	0	0	0	0	10
HIGHWAY & TRANSPORT	0	0	0	0	0	0	3	0	0	0	0	0	0	3



HYDRAULIC	0	0	0	0	0	0	1	0	0	0	0	0	0	1
INDUSTRIAL	0	0	0	0	0	0	5	3	27	0	0	0	22	57
INFORMATION TECHNOLOGY	0	0	0	0	0	0	0	0	1	0	0	0	0	1
INSTRUMENTATION & CONTROL	0	0	0	0	0	0	65	0	4	1	0	0	0	70
MANUFACTURING	0	0	0	0	0	0	24	1	107	0	0	1	794	927
MANUFACTURING SYSTEMS	0	0	0	0	0	0	1	0	4	0	0	0	1	6
MARINE	0	0	0	0	0	0	19	0	11	0	0	1	1	32
MATERIALS	0	0	2	0	0	0	14	3	61	1	2	0	89	172
MECHANICAL	0	4	128	0	0	6	1874	52	2390	17	4	5	5408	9888
MECHANICAL SYSTEM	0	0	0	0	0	0	0	0	3	0	0	0	0	3
MECHANICALS	0	0	0	0	0	0	0	0	0	0	0	0	1	1
MECHATRONICS	0	0	0	0	0	0	6	2	96	3	0	1	384	492
METALLURGY	0	0	1	0	0	0	6	0	9	2	0	0	0	18
MICROELECTRONIC	0	0	0	0	0	0	0	0	3	1	1	0	34	39
MINERAL	0	0	0	0	0	0	1	0	0	0	0	0	1	2
MINERAL PROCESSING	0	0	0	0	0	0	1	0	2	0	0	0	0	3
MINERAL RESOURCES	0	0	0	0	0	0	4	0	24	0	1	0	8	37
MINING	0	0	5	0	0	0	23	0	2	1	0	0	0	31
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	13	2	3	2	1	0	9	30
NUCLEAR	0	0	1	0	0	0	1	0	1	0	0	0	4	7
OTHERS	1	6	0	0	8	0	2	0	0	0	2	1	5	25
PETROLEUM	0	0	0	0	0	2	7	1	69	0	0	0	123	202
POLYMER	0	0	0	0	0	0	1	1	9	0	0	0	14	25
PRODUCTION	0	0	1	0	0	0	9	0	5	0	0	0	1	16
STRUCTURAL	0	0	3	0	0	0	40	0	16	0	0	0	1	60
SYSTEMS	0	0	0	0	0	0	0	0	1	0	0	0	0	1
TELECOMMUNICATION	0	0	0	0	0	0	24	0	8	0	0	1	21	54
TEXTILE	0	0	0	0	0	0	0	0	0	0	0	0	2	2
THERMAL	0	0	0	0	0	0	1	0	0	0	0	0	0	1
TRAFFIC	0	0	0	0	0	0	2	0	0	0	0	0	0	2
TRANSPORT	0	0	0	0	0	0	2	0	0	0	0	0	0	2
WATER RESOURCES	0	0	0	0	0	0	19	0	0	0	0	0	0	19
<b>TOTAL</b>	<b>2</b>	<b>28</b>	<b>736</b>	<b>1</b>	<b>8</b>	<b>31</b>	<b>10119</b>	<b>222</b>	<b>10385</b>	<b>82</b>	<b>28</b>	<b>41</b>	<b>20176</b>	<b>41859</b>



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

Grade	Deceased	Resigned
Hon Fellow	1	-
Fellow	4	1
Member	17	23
Graduate	5	52
Student	-	9
Affiliate	-	-
<b>Total</b>	<b>27</b>	<b>85</b>

2.4 To date, 3,014 members are in arrears of subscription for the year 2016. The total arrears in subscription for this particular year alone was recorded at RM341,989. The Council would look into deleting their names from the membership register if the arrears were not settled by mid 2017.

2.5 For the session under review, a total of 158 members were reinstated. The details are as follows:

Fellow	-	2
Member	-	45
Graduate	-	110
Student	-	1

### 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. David Lai Kong Phooi is to conduct the financial management of the properties and affairs of the IEM. Regular meetings were held every 3rd Saturday 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. However for the year 2016, income from annual subscriptions dropped to 59.7% of the total income compared to 68% in 2015.

In accordance with the Bylaws, reminders to members on their annual subscription payments were sent out by the Institution. For the year 2016, 90% 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 2016, 3,041 members are in arrears of subscription for 2016. The total outstanding collection for the year amounted to RM341,989. IEM would like to appeal to these members to settle the arrears as soon as possible.

##### 4.2.2 Rental

Maktab Koperasi Malaysia continues to rent 80% of Wisma IEM with rental of RM98,010 per month. The tenancy is due to expire in July 2017. The rental income derived is used to finance the term loan taken for the purchase of the building. The ground floor of Bangunan Ingenieur is rented out to Pizza Hut at a monthly rental of RM 16,907. Pizza Hut's tenancy was renewed in November 2016 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. In 2016, three major events were organized which had contributed tremendously to the improved performance of the Institution in 2016. The three events were the Southeast Asia Geotechnical Conference, the 15th Asian Congress of Fluid Mechanics and the DSM-IEM Electrotechnical Symposium.

#### 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. Various costs saving measures were implemented to ensure that operating costs are controlled within the available funds of the Institution.

#### 4.4 Sub Committee on Human Resources

The Sub Committee chaired by the Honorary Secretary, Ir. Yam Teong Sian 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 2016, the Secretariat's staff strength is 40 the same strength for the last two years.

#### 4.5 Sub Committee on IEM Infrastructure

The Sub Committee chaired by the Honorary Treasurer, Dr. Wang Hong Kok 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 network, 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.

The upgrading of the Bangunan Ingenieur exterior will be completed in the first quarter of 2017 with the exterior of the building being repainted and the front entrance upgraded to enhance the image of the Institution.

### 5 STANDING COMMITTEE ON ADMISSIONS AND PRACTICAL TRAINING

5.1 The new Chairperson for the Standing Committee, Ir. Assoc. Prof. Dr. Norlida binti Bunyamin continued the Standing Committee's role in scrutinising 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 talks on Route to MIEM/PE as well as career talks.

5.2 Up to 31 December 2016, a total of 7433 candidates / applicants were approved for election, admission and transfer to the various grades as listed below:

	2014	2015	2016
(a) Transferred to the Grade of Distinguished Hon. Fellow	-	-	-
(b) Elected to the Grade of Hon. Fellow	-	-	-
(c) Transferred to the Grade of Fellow	14	7	20
(d) Admitted/Transferred to the Grade of Senior	7	1	8
(e) Approved to sit for the Professional Interview	462	571	465
(f) Admitted/Transferred to the Grade of Companion	36	121	63
(g) Admitted/Transferred to the Grade of Graduate	2283	1674	1701
(h) Admitted/Transferred to the Grade of Incorporated Member	11	17	28
(i) Admitted to the Grade of Affiliate	1	4	9
(j) Admitted to the Grade of Associate	3	4	16
(k) Admitted to the Grade of Student	6629	9231	5123
<b>Total</b>	<b>9780</b>	<b>9446</b>	<b>7433</b>

A total of 72 applications had been approved for the Professional Assessment Examination (PAE) conducted on behalf of BEM for the year 2016.

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

The Sub Committee chaired by Ir. Pan Wang Fook continued its role of vetting and assessing the applications for the various grades of membership of the Institution.





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

The Membership Applications Board's role was to also vet applications from the members for the IPEA/APEC International Registers, ASEAN Engineer and Associate ASEAN Engineer. The following is the breakdown of applications for these Registers:

- 26 approved for International Engineer (IPEA/APEC)
- 39 approved for ASEAN Engineer (AE)
- 74 approved for Associate ASEAN Engineer (AAE)

### 5.4 Sub-Committee on Membership Drive and Promotions

Ir. Fam Yew Hin was appointed as the new Chairman for the Sub Committee on Membership Drive and Promotions for the session. The Sub Committee had conducted membership drive talks/events at various international and local engineering related organizations, Institutions of Higher Learning (IHLs) as well as government agencies. Two organizations namely MMC and Brunfield have entered into Organisation Partnership Memorandum of Understanding (MoU) with IEM. Several other reputable companies are currently in advanced discussions to establish the same arrangement. 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. In addition, such partnership will also assist IEM in its membership drive and towards achieving its 100K members target by 2020.

The Technical Divisions and the IEM Branches had also contributed towards the success of the membership drive events by organizing talks and other activities. Approximately 90 membership drive events/talks were conducted for 2016.

The Sub Committee had a brainstorming session together with the "Train the Speakers" programme in July 2016. The objective of the brainstorming session was to establish an effective plan to increase the Institution's membership. Among others, this would include promoting Organisation partnership, encouraging more technologists and technicians to join as Incorporated and Associate Members respectively, collaborating with other sub-committees and technical divisions in establishing more activities that benefits the members at large. In addition, the Sub Committee also came up with a standard presentation material for the speakers to present membership drive talks.

### 5.5 Sub Committee on IEM Log Book Training Scheme

The responsibility of the Sub Committee chaired by Ir. Prof. Dr. Wong Hin Yong was to review and confirm that the work and practical experience training progress as annually submitted by the Graduate Members (mentee) and to ensure the reports had been in conformance to the requirement and guidelines of the IEM's Log Book Training Scheme. A total of 211 log books were reviewed and confirmed in year 2016.

The Sub Committee had organized two workshops for Mentors which was held in March 2016 and November 2016. The workshop for Mentees was held in May 2016.

The Sub Committee had also organized a workshop for the IEM Branches. The workshop was held together with the 2nd Mentors Workshop at IEM HQ on 5 November 2016. A total of nine representatives from the Branches attended the workshop.

This idea on 'train the trainer' would be more effective as the invited representative could train the members at their Branches to be Mentors.

### 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 and Professional Development Programme (PDP) for Graduate 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 2016 were summarised as follows:-

	<b>Total application received (nos.)</b>	<b>Total application approved for CPD hours (nos.)</b>	<b>Total CPD hours granted (nos.)</b>
<i>IEM own programmes</i>	542	534	2754
<i>Other training providers' programmes</i>	83	83	905



### 5.7 Special Committee on Structured Training

The Special Committee on Structured Training chaired by Ir. Mohd. Radzi Salleh had started the first Structured Training programme under the Search Committee for the Electrical Engineering discipline. The first 24-Day Electrical Design Engineering course commenced on 6 August 2016. The course was expected to complete in February 2017. The Special Committee is in the midst of ensuring that the other two courses; Fire Protection System and IEM-STPD Chemical Engineering course would commence in the first quarter of 2017. The main objective of the Structured Training programme was to assist the graduate engineers who lacked design experience to gain the relevant experience to enable them to be eligible to sit for the Professional Interview.

## 6. STANDING COMMITTEE ON EXAMINATIONS AND QUALIFICATIONS

6.1 Ir. Lee Boon Chong continued to chair this Standing Committee for the second session. The main responsibility of this Standing Committee was to regulate the professional interviews as well as working closely with the 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 second term for session 2015/2016. The task of the PI Board was to co-ordinate the professional interviews held at the Head Office and the IEM Branches. In addition, the PI Board also recommended the PI results to the Standing Committee for approval. The PI Board conducted five (5) Professional Interview workshops for the year 2016 for the Graduate Members as well as for the Interviewers on the enhanced PI process.

The participants were briefed on the procedures and guidelines and submission of reports for the professional interview. The PI Board had also started the enhanced PI process of which experienced and trained Interviewers had been appointed to interview the Graduate Members based on their competencies. The enhanced PI process was based on the UK IET competency model.

#### 6.2.1 Professional Interviews

The results of the professional interviews conducted from January–December 2016 were recorded as follows:-

Applied to sit	Failed	Waiting for result	Postponed	Passed
465	35	135	14	281
	11.1 %			88.9%

IEM received a total of 72 applications for the Professional Assessment Examination (PAE) from the Board of Engineers, Malaysia (BEM) in 2016. Fifty-six (56) candidates passed the PAE and fourteen (14) failed. Meanwhile, there are two (2) candidates waiting for result.

### 6.3 IEM Accreditation Board

Ir. Dr. Zainal Abidin Ahmad continued to chair the IEM Accreditation Board for session 2016/2017. The task of the IEM Accreditation Board was to assist the Engineering Accreditation Council (EAC) to evaluate local engineering degree programmes offered by both private and public Institutions of Higher Learning (IHLs).

### 6.4 Board of Examiners

The Board of Examiners was chaired by Dato' Lt. Gen (B) Ir. Ismail bin Samion. The Board of Examiners had been entrusted to conduct the Fundamentals of Engineering Examinations (FEE) for the final year engineering students as well as the fresh graduate engineers.

The responsibility of the members is to go through the existing set of questions for five (5) engineering disciplines. The Board of Examiners would be organizing a workshop to review the FEE questions as the current set of questions were found to be irrelevant to the respective engineering disciplines. Hence, the workshop would be to revamp the existing FEE questions. The workshop was expected to be held in 2017.

### 6.6 Ad Hoc Committee on the Review of the PI Process

Ir. Lee Boon Chong continued to chair the Ad Hoc Committee which completed their task in May 2016. The enhanced PI process adopted from the UK Standards for Professional Engineer Competence (UK-SPEC) was implemented on trial since April 2016. The Ad Hoc Committee had conducted six (6) IEM PI Training and Certification workshops for the Interviewers on the enhanced PI process as well as seven (7) workshops for potential candidates for the Professional Interview. The Enhanced PI Process will be officially implemented in July 2018.



## 7 STANDING COMMITTEE ON INFORMATION AND PUBLICATIONS

7.1 For Session 2016/2017, 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. Mohd Khir Muhammad respectively. Twelve issues of the bulletin were published for the year 2016. The titles for the issues are:

Month	Title	Month	Title
January	Public Safety in Earthquake Event	July	The Future Is Green
February	Safe, Smart and Innovative Development in Power Systems	August	Global Warming Adaptation & Mitigation
March	CAFEO 33: From Light To Bytes	September	Engineering The Mechanics Of Fluids
April	Strength in Diversity of Women Engineers	October	Engineering Ship-Shaped FLEET
May	IEM 57th AGM, Annual Dinner and Awards Night	November	Weathering The Oil Price Doldrums
June	Driving STEM Education	December	Military and Defence Engineering Services

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 2016. The Principal Journal Editor for the session was Ir. Prof. Dr Ruslan Hassan.

### 7.4 IEM Directory 2015/2016

The IEM directory (printed copy and CD) was produced in 2016. There is also an online directory 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 update the members 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. Members can log in and view available videos of the talks at their own free time.

### 7.6 Sub-Committee on Documentation and Recording of IEM Historical Events

Ir. Choo Kok Beng was appointed to chair the Documentation and Recording of IEM Historical events. The Committee continued to focus on the work of recording IEM historical records.

The Committee will continue to document relevant IEM Historical events for the current year which the 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 9 times for the year 2016.

The present collection of books consists of approximately 6,834 printed physical book titles covering a variety of disciplines. Apart from engineering topics, there are books on other general topics which may be of interest to the engineering fraternity, e.g. health, food and autobiographies.

The IEM Library also has collection of 153 e-book titles comprising engineering topics in various disciplines. Members can access these e-books from their work places or homes even from East Malaysia. Apart from technical books, on-line Journals could be accessed too.

All new book collections either physical or e-books are announced regularly through the IEM Portal under the heading of Publications and Library. Announcement is also made during IEM events and TV display screen at Bangunan Ingenieur.

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



## 8 STANDING COMMITTEE ON ACTIVITIES

8.1 The Standing Committee was chaired by Vice President, Ir. Prof. Dr. Jeffrey Chiang Choong Luin for session 2016/2017. 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. The summary of these activities is tabulated in the summary sheet of activities for the year 2016.

### 8.2 IEM Annual Events and Activities 2016

Some of the major events are highlighted below:

8 - 9 April	11th Malaysia Chem-e-Car Competition 2016 was held at UTM, Skudai. A record 63 teams participated in the competition won by Monash University Malaysia.
16 April	The 57th Annual General Meeting of the IEM was held at Wisma IEM, Petaling Jaya and was attended by 417 members.
16 April	The 57th Annual Dinner and Awards Night was held at Sunway Resort Hotel & Spa. 1,230 members and guests attended the event. The Guest of Honour for the night was Yang Berhormat Dato' Sri Liow Tiong Lai, Minister of Transport, Malaysia.
8 May	The IEM Family Day was held on 8 May 2016 at the Persada PLUS with approximately 600 participants.
31 May – 3 June	The 19th Southeast Asian Geotechnical Conference and 2nd Association of Geotechnical Societies in Southeast Asia Conference (19SEAGC – 2AGSSEAC) was held at Dorsett Grand Subang Hotel with 588 participants. The conference was jointly organized by the Southeast Asian Geotechnical Society (SEAGS), the Association of Geotechnical Societies in Southeast Asia (AGSSEA), Malaysian Geotechnical Society (MGS) and The Institution of Engineers, Malaysia (IEM). The opening ceremony was officiated by IEM President, Ir. Tan Yean Chin.
8 - 10 November	10th Asia Pacific Conference on Transport and Environment (APTE) jointly organized with Universiti Tunku Abdul Rahman (UTAR) at Armada Hotel. 60 participants attended the conference officiated by the IEM President, Ir. Tan Yean Chin.
23 - 25 November	15th ASIAN Congress of Fluid Mechanics (ACFM) was held at Pullman Hotel, Kuching, Sarawak. The Vice President, Ir. Prof. Dr. Jeffrey Chiang officiated the opening ceremony which was attended by 126 participants.
30 November – 2 December	IEM - Standards Malaysia Electrotechnical Symposium & Exhibition 2016 was held at One City, Subang Jaya with 450 participants. Yang Berhormat Datuk Wira Dr. Abu Bakar Mohamad Diah, Deputy Minister of MOSTI was the Guest of Honour to officiate the opening of the symposium and exhibition.

### 8.3 IEM Presidential Award of Excellence

The winners for the activities conducted for year 2015 were:

Winner	Mechanical Engineering Technical Division
2nd Placing	Electrical Engineering Technical Division
3rd Placing	Women Engineers Section
4th Placing	Geotechnical Engineering Technical Division
5th Placing	Chemical Engineering Technical Division
Most Improved	Tunneling & Underground Space Technical Division

### 8.4 26th Annual Professor Chin Fung Kee Memorial Lecture

On 3rd September 2016, IEM jointly with Engineering Alumni Association of the University of Malaya organised the yearly prestigious memorial lecture. The lecture entitled "Integrated Infrastructure System for Future-Ready Cities" by Professor Er. Yong Kwet Yew was attended by 127 participants.



## 9 STANDING COMMITTEE ON PROFESSIONAL PRACTICE

- 9.1 Ir. Lai Sze Ching was re-appointed as the Chairman of this Standing Committee for Session 2016-2017. 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 members of the Institution.

The Sub Committees under PPC and its Chairmen for Session 2016-2017 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 was re-appointed for another term as the Chairman of the Sub Committee on Engineering Contracts for the session 2016-2017. The main objectives of this Sub Committee are:

- (i) Matters related to the Engineering Contracts;
- (ii) IEM Form of Contract for Mechanical and Electrical Engineering Works (Second Edition, 2012);
- (iii) IEM Form of Contract for Civil Engineering Works (Second Edition, July 2011) (Reprint 15th December 2014 with Corrigendum No. 1);
- (iv) Drafting of the IEM Standard Conditions of Sub-Contract for Use in Conjunction with the IEM Conditions of Contract for Civil Engineering Works- IEM.CE.2011 (*which this is to replace the First Edition, May 1990, and First Reprint, Sept 1994*).

#### 9.2.1 IEM Form of Contracts for Purchase

The two Form of Contracts can be purchased from the IEM Secretariat office at a nominal fee of RM 16.00 per copy:

- (i) **IEM.CE 2011:** IEM Form of Contract for Civil Engineering Works (Second Edition, July 2011 – Reprint 15th December 2014 with Corrigendum No. 1);
- (ii) **IEM.ME 2012:** IEM Form of Contract for Mechanical and Electrical Engineering Works (Second Edition, 2012).

#### 9.2.2 Activities for year 2016

- (i) Talk on “Nominated Sub-contracts (Especially under Pertubuhan Akitek Malaysia (PAM 2006 Form”, 18th June 2016 (Saturday), Ir. Lim Eng Chong
- (ii) Series of the “2-Day Course on Introduction to Malaysian Civil Engineering Standard Method of Measurement (MyCESMM)” by Ir. Hj. Shahul Ikram bin Hj. Adnan:
  - (a) Introduction to MyCESMM, 29th – 30th March 2016;
  - (b) Introduction to MyCESMM with Roadwork and Drainage Work, 24th – 25th May 2016;
  - (c) Introduction to MyCESMM with Rail Track and Tunnel Works, 20th – 21st September 2016; and
  - (d) Introduction to MyCESMM with Details on Water and Wastewater Works, 20th – 21st December 2016





### 9.2.3 Roadshows

The Sub Committee continues to organise awareness Roadshows at IEM Headquarters, Perlis, Penang, Johor, Miri, Sabah and Sarawak to promote the two revised editions of the Form of Contracts, viz.

- (i) IEM.CE 2011 - IEM Form of Contract for Civil Engineering Works (Second Edition, July 2011)
- (ii) IEM.ME 2012 - IEM Form of Contract for Mechanical and Electrical Engineering Works (Second Edition, 2012)

### 9.2.4 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.

### 9.2.5 Call for Sub Committee Committee Members

Any registered IEM Members are welcome to join the monthly meetings of the Sub Committee. Kindly provide your details or contact to PPC Secretariat or email to [ppc@iem.org.my](mailto:ppc@iem.org.my) / [sec@iem.org.my](mailto: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 the Chairman of the Sub Committee for 2016-2017 Session. The Sub Committee held its regular meetings on every last Tuesday of the month to discuss matters, summarised as follows:

### 9.3.1 Amendment to the IEM Arbitration Rules 2016

The IEM Arbitration Rules 2016 is a revision of the 2012 edition. In deference to the Competition Commission, all references to the IEM Scale of Fees for Arbitration (which were incorporated in the 2012 edition) have now been removed. The Rules is available for sale at RM10 per copy.

### 9.3.2 Arbitration & Adjudication Courses, Seminars and Talks

The Sub Committee planned for series of seminars / workshops / talks throughout the year. Up to date, there were two (2) completed seminars, two (2) completed workshops and two (2) completed talks which details were captured in the Summary Sheets of Activities for Year 2016 of the Annual Report.

### 9.3.3 Collaboration in Conducting Courses on Alternative Dispute Resolution for Practitioners 2016

The 2-Day Course on Alternative Dispute Resolution for Practitioners, jointly organized by IEM, MIArb, RISM and PAM was successfully held on 2 & 3 March 2016 at Wisma IEM.

### 9.3.4 Joint Visit between Seniors Special Interest Group (SSIG) and the Sub-Committee to the KLRCA

The visit which was co-organised by the Seniors Special Interest Group (SSIG) and DARP Sub Committee was successfully held on 27th October 2016 (Thurs) at 2.30pm – 5.00pm. 27 members attended the visit.

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

Ir. Thin Choon Chai continued his Chairmanship for another term for the session 2016-2017. The scope and main objectives of this Advisory Board are as follows:

- i. To study the technical issues related to fire protection with the aim to disseminate information to members with the latest regulations, circulars from Jabatan Bomba dan Penyelamat Malaysia 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.



#### 9.4.1 The FAB Open Forum and Technical Dialogue:

The Advisory Board organised the “Joint Bomba Professional Forum” on 16th November 2016 at Vivatel Hotel, Kuala Lumpur. The event was jointly organised between IEM, Bomba KL, The Association of Consulting Engineers Malaysia (ACEM) and Pertubuhan Aitek Malaysia (PAM). The event was successfully attended by 260 participants. Participants were provided with complimentary copies of the “Undang-Undang Negeri Selangor (Laws of the State of Selangor): Undang-Undang Kecil Bangunan Seragam Selangor (Pindaan) (No. 2) 2012 (Sel. P.U. 142/2012) / Selangor Uniform Building (Amendment) (No. 2) By-Laws 2012”.

The Advisory Board also had attended the following meetings/dialogues/events:

- Quarterly dialogue between Bomba Putrajaya and Kuala Lumpur with Professional.
- Majlis Perundingan JBPM dan Badan Professional (Teknikal Khas) held on 20th December 2016 at 10.00am at Bomba Putrajaya
- Dialogue between Bomba Putrajaya with MBAM, ACEM, PAM, IEM, MALEA and REHDA on insulated fire rated doors for lifts in Malaysia
- Meeting between FAB and Malaysian Fire Protection Association (MFFPA) held on 8th November 2016
- Meeting on SPKA with iSCADA with MFFPA, IEM, ACEM, MBAM and REHDA held on 18th November 2016 at 3.00pm at MFFPA Office.
- Attended the PAM-IFE Seminar on Fire Risks and Solutions for Built Environment at Connexion@ Nexus Bangsar South, Kuala Lumpur on 27th September 2016 which was organized by The Institution of Fire Engineers (UK) Malaysia Branch
- Providing presenters to the M&E Show at KL Convention Centre organised by the Mechanical Engineering Technical Division (METD), IEM

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

- SIRIM: WG on Flammable Refrigerant System (WG/F/0-6)
- SIRIM: WG on “Keluar” Sign and Emergency Lighting (WG/M/1-1)
- SIRIM: TC on Clean Agent Fire Extinguishing System (Meeting #2/2016) (TC/M/5)
- SIRIM: WG on Smoke Duct, Smoke Control and Pressurization (WG/M/4-1), STD 091/8/20/4-1,
- SIRIM QAS International Sdn Bhd: Mesyuarat bagi Membincangkan “Door Closer Power Size Selection” untuk Pengujian “Cyclic Movement Endurance Test – MS 1073: Part 3 – 1996 (AMD. 1, 2003)

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

The following circulars had been uploaded into the IEM Website for members information:

<b>iBOSS - iSnet-based Bomba Operations Safety System</b>	03-Dec-2016
<b>TNB Room: Memorandum from TNB on Surat Pekeliling Pengurus Besar Kanan (Pengurusan Aset) Perkhidmatan dan Amalan Kejuruteraan Bil. A04/2015</b>	03-Aug-2016
<b>Senarai Semakan Permohonan Kelulusan Pelan</b>	27-Jul-2016
<b>Garis Panduan Penggunaan Sistem Jet Fan Sebagai Pemasangan Keselamatan Kebakaran Aktif Untuk Sistem Pengurusan Asap Di Ruang Letak Kereta</b>	27-Jul-2016
<b>Pelaksanaan Sistem Pengawasan Kebakaran Automatik (SPKA)</b>	05-May-2016
<b>Perakuan Bangunan : Isu-isu Semasa Pemprosesan Pelan Arkitektural Pemprosesan Pelan M&amp;E Pemeriksaan Bangunan (CCC)</b>	19-Feb-2016

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

Ir. Loo Chee Kin was appointed as the Chairman of the Disaster Risk Reduction Advisory Board (DRRAB) for the session 2016-2017. The 1st Advisory Board meeting was held on 29th January 2016.

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

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

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



#### 9.5.2 *The Advisory Board Activity:*

- (a) Courtesy Visit by Dr. Senro Kuraoka of the Japan Society of Civil Engineers (JSCE) on 4th August 2016 (Thursday) at 4.00pm at GETD Room, 2nd Floor, IEM
- (b) AFEO Work Group on Disaster Preparedness hosted by EIT on Engineering Technology and Role of Engineers on Disaster Management in ASEAN, 24th – 25th August 2016 in Thailand – paper presented by Ir. Gunasagaran Kristnan and Ir. Kim Kek Seong

#### 9.5.3 *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 appointed to serve as the Chairman of the Sub Committee for 2016-2017 to consolidate progress reports from the relevant Technical Divisions which had formed Technical Committees and/or Working Groups for standards writing.

IEM was informed by SIRIM Berhad through a letter that SIRIM Berhad will be the new secretariat for “Jawatankuasa Pembangunan Standard”. Therefore, all future code writing and TCs will be handled by SIRIM Berhad, and no longer IEM. Nevertheless, IEM will continue 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. There were three (3) new case files opened in 2016.

#### 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. Dato' Ir. Pang Leong Hoon was assisted by Dato' Paduka Ir. (Dr) Keizrul Abdullah in screening such complaints received. During the 2016-2017 session, there were many complaints against IEM Members received and one (1) concerning the IEM Branch.

#### 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 legislations and how such legislations would impact the engineering profession:

- *Review of the Registration of Engineers Act 1967 (Rev 2007)*
- *Construction Industry Payment and Adjudication Act (CIPAA) 2012*
- *Technologists and Technicians Act 2015 (Act 768)*

#### 9.11 **Outside Bodies Representation (OBR)**

The Committee chaired by Ir. Lai Sze Ching continues to appoint representatives to attend and participate by maintaining and establishing close rapporteur and participate at various government agencies in meetings with various outside bodies between IEM with Local Authorities and Government sector.

The Secretariat reports and refers all incoming invitations made by external parties to the IEM President assisted by the PPC Chairman, IEM Honorary Secretary and IEM Executive Director to appoint and identify IEM representatives to attend external meetings and events whilst, the PPC Secretariat handles the necessary administrative works.

Currently, more than 100 members from IEM Excomm, Council and the respective Standing Committees, Technical Divisions, Special Interest Groups (SIG), Young Engineers Section (YES) and Branch representatives represent IEM in more than 150 technical committees, working groups, opening ceremonies, dinner, events, dialogue and meetings at various local governments, agencies, institutions, and universities.

All representatives who attended the external meetings are required to produce a copy of the Outside Bodies Representation (OBR) report form within a week from the meeting date. All incoming reports will be tabled at the monthly meeting of the Standing Committee on Professional Practice, Technical Divisions and thereafter will be reported to the President or Excomm if there are any matters that require further deliberation or decision.



## 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

A total of RM 31,495.34 was contributed by members for the session 2016/2017. 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 2016 is RM436,221.92.

### 10.3 Jurutera Wargamas (JWS) and Exempted Members

The scheme specially designed for members who are senior citizens or disabled was aimed at reducing the annual subscription for these members to an affordable amount. The affected members would need to pay 25% of the annual subscription fee with the balance to be settled from the IEM Benevolent Fund Account. For the year 2016, RM5,161 was contributed by the Benevolent Fund to subsidise the annual subscriptions for the 29 members approved under the scheme.

### 10.4 Members Retrenchment Benefit

This scheme allows engineers who are retrenched and unemployed to be considered for a waiver in payment of the annual subscription fees, up to a maximum of 5 years. There were no applicants in 2016.

### 10.5 Employment Survey

The Standing Committee continued to study and will conduct the employment survey to obtain information pertaining to the employment, remuneration and issues such as job satisfaction concerning the profession. The survey report for 2014 was published in the Jurutera in March 2016.

### 10.6 IEM Advertisement

#### 10.6.1 IEM Job Advertisement

This is a job vacancy advertisement programme. The programme provides job vacancy advertisements through the IEM Website to its members and non-members who are looking for engineers on a full time/contract or on part time basis to fill job vacancies in their respective companies. The 'Job Vacancy Advertisement Form' and 'Its Terms and Conditions' are available at the IEM website. Job seekers can search for their desired employment in the IEM Website under 'Job Gallery' section for the latest job vacancy advertisements. No charges are imposed for the job vacancy advertisement.

#### 10.6.2 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.

### 10.7 IEM Family Day 2016

IEM Family Day is an event that members look forward to every year. It 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 further advancement for engineers besides fostering closer rapport between members. The IEM Family Day 2016 was held on 8 May 2016 at Persada PLUS, Petaling Jaya, Selangor and attracted more than 600 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. This year a total of 38 SPM & 17 A-Level students were rewarded. There were more than 10 types of challenging and fun games for children and adults. These include fun tele-match games, giant bubbles, and fishing competition. IEM hired a caterer to set up food stalls serving local and western favourites and many other delicious foods.



### 10.9 IEM Engineering Week 2016 (IEM EW2016)

The Standing Committee organised the 20th IEM Engineering Week 2016 (EW2016) with the theme “**Amazing Engineering**” from 14 - 20 August 2016. EW2016 was organised to introduce and promote the engineering profession to the general public. A one week programme was arranged and focused on the following:-

- To promote Engineering Profession to the public in conjunction with the IEM Engineering Week 2016.
- To promote Engineering to the general public to encourage students to pursue Engineering as a profession.

The highlight of the IEM EW2016 was the Opening Ceremony in conjunction with IEM Engineer’s Run 2016 held in University of Malaya, Kuala Lumpur with more than 1000 runners participating.

EW2016 also organise the IEM-SIEMENS Science, Technology, Engineering and Mathematics (STEM) Competition where 16 secondary schools from Klang Valley participated.

Both opening and closing ceremony of EW2016 were officiated by YB Datuk Prof. Dr. Abu Bakar Bin Mohamad Diah, Deputy Minister of MOSTI with the presence of IEM President, Ir. Tan Yean Chin.

### 10.10 Insurance Matters

Several insurance schemes were arranged with insurance companies for members. Some of which were with AON Brokers Malaysia Sdn Bhd on Professional Indemnity Insurance, Zurich Insurance on Life and General Insurance and ING Insurance Berhad on Group Critical Cover Scheme.

### 10.11 Affinity Programmes

IEM continue to collaborate with CIMB on the affinity credit card programme which would benefit IEM where 0.1% of the amount spent by members using the card would be contributed to IEM. Other benefits also include payment of IEM 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 the 0.1% contribution is a substantial income to IEM.

### 10.12 Community Service Responsibility

#### *IEM Relief Team*

The Standing Committee had set up a disaster response team Sub Committee known as the Sub Committee on IEM RELIEF which focus on setting up and selecting a disaster relief team to represent IEM and be deployed to any disaster affected areas within the country. Selected candidates would be sent to attend a training programme organised by MERCY and REDR to enhance the understanding of the principles of humanitarian and disaster management to build their skills relating to personal and team management. Three IEM members had attended intensive training by REDR Malaysia and another three had attended a course organised by MERCY Malaysia. IEM Relief Team also conducted a talk on humanitarian to share their experience with the members who may be interested to participate in voluntary missions.

### 10.13 IEM Business Club

The IEM Business Club had been set up to provide a platform for business networking, explore the potential of fellow engineers helping each other through business referrals to enhance and improve business income. Business referrals via friends and business colleagues had proven to be a powerful and effective marketing tool for effective business development. This Sub Committee will also be inviting corporate leaders and industry captains to present a series of talk in IEM.

### 10.14 Other Benefit Projects

The Committee continues to negotiate with vendors and merchants to look into joint collaborations for the benefit of IEM members. The Committee had managed to obtain corporate rates from several hotels in Klang Valley. The Committee is also negotiating for corporate discounts with several health providers as well as global automobile manufacturer for members to enjoy the benefits and special packages offered. Details of available benefits can be obtained from IEM Secretariat.

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. This Standing Committee also handles the co-ordination of the international involvement of IEM and monitors the activities of the various IEM foreign initiatives.

11.2 Ir. Ong Ching Loon took over the Chairmanship from Y.Bhg. Dato’ Ir. Dr. Andy Seo Kian Haw and continues to look into means of improving the image of the Institution in the eyes of its members and general public.





### 11.3 ASEAN Federation of Engineering Organisations (AFEO) Secretariat

The AFEO Secretariat is currently based at the IEM Penthouse of Bangunan Ingenieur, Petaling Jaya. The IEM continues to host the AFE Secretariat with the objective to help AFEO perform its duties and responsibilities as well as to function effectively and efficiently. IEM therefore continues as the Secretariat and Treasurer for AFEO with IEM Vice President cum Chairman of Standing Committee of Corporate Affairs, Ir. Ong Ching Loon as the Secretary-General for the 2016/2017 session.

The AFEO Board of Governors held its 15th Mid-term meeting from 24-26 May 2016 at Hilton Hanoi Opera Hotel, Hanoi, Vietnam hosted by Vietnam Union of Science and Technology (VUSTA). The event included the working group meetings and technical visits. Later in the year, Philippines Technological Council (PTC) hosted the 34th AFEO Governing Board meeting at the Citystate Asturias Hotel, in Puerto Princesa, Palawan, Philippines on 23 November 2016, during the 34th Conference on ASEAN Federation of Engineering Organisations themed "ASEAN Community: Engineering Shining Through" which was held from 22 – 24 November 2016.

Besides the Governing Board meeting, the Woman Groups – WE-AFEO and the Young Engineers – YEAFEO also organised their respective Board meetings and activities.

The Governing Board endorsed a list of Honorary conferment and outstanding achievement awards at the closing event.

The Chairmanship of the AFEO Board was handed over to Engineering Institute of Thailand under the King's Patronage (EIT) who will consequently host CAFEO-35 in 2017 in Bangkok, Thailand from 16-19 November 2017. The Institution of Engineers, Singapore (IES) will host the mid-term AFEO Governing Board Meeting in Singapore from 16-18 July 2017.

### 11.4 ASEAN Engineering Register (AER) (fka ASEAN Engineers Register)

IEM hosts the Secretariat of the ASEAN Engineering Register (AER). The ASEAN Engineering Register Executive Committee remains based at IEM and continued to organise activities for the Register. Ir. Ellias Saidin was appointed AER Head Commissioner and chaired monthly meetings to look into the affairs of the AER membership for the 10 countries. The Exco members were appointed as Ambassadors to each of the member organisations for purpose of liaison and reporting work at the Exco meetings.

In line with the objective of the AER which is to facilitate the mobility and professional practice of the engineering team within the ASEAN, the AER Executive Committee and AFEO Governing Board continued the task of establishing a framework of mutual recognition qualifications amongst the ASEAN member countries whereby AER members who wish to practice outside their home country may carry with them an approved and recognised professional qualification. The AER is maintained as a platform to safeguard and promote the professional interests of engineers, engineering technologists, technicians and related associates. The quality and standing of the AER members are continuously being upheld through the setting, monitoring and reviewing of standards by the AFEO Governing Board.

The membership of AER has expanded to include new grade of membership indicated as follows:

- ASEAN Engineers (AE)
- ASEAN Engineering Technologists (AET)
- ASEAN Technicians (AT)
- Associate ASEAN Engineers (AAE)
- Associate ASEAN Engineering Technologists (AAET)
- Associate ASEAN Technicians (AAT)

Malaysia's register currently has a membership total of 2861 members, the breakdown which is as follows:

AE LM	AE Non-LM	Resigned	Deleted	Deceased	AAE	Deceased	Total
585	71	18	129	12	1722	1	2538

AET	Deceased	AAET	Deceased	AT	Deceased	AAT	Deceased	Total	Overall Total
36	1	156	3	9	1	116	1	323	2861

### 11.5 AER National Monitoring Committee (NMC)

IEM Vice President, Ir. Dr Norlida binti Buniyamin was appointed as Chairman of National Monitoring Committee of the AER for Malaysia. The main role of the AER NMC in IEM is to process applications for IEM members and the Technological Association of Malaysia (TAM) members applying to be registered as AER. The Committee also arranged for AER certificates and medallions presentation to successful applicants from IEM and TAM. TAM will process application for the AER for the Engineering Technologists and Technicians. On 26 August 2016, the AE/AAE and APEC/IPEA Certificate Presentation Ceremony was arranged prior to a talk on Working Abroad presented by Ir. Eddie Ng Teng Soon at the Auditorium Prof. Tan Sri Chin Fung Kee, 3rd Floor, Wisma IEM which was attended by 25 members.



#### 11.6 Asia Pacific Economic Cooperation and International Professional Engineers Agreement (APEC/IPEA)

The Registration and Administrative Committee of the National Monitoring Committee (NMC) of APEC/IPE Economy in Malaysia is set up at IEM chaired by Dato' Ir. Dr Gue See Sew (IEM Past President). IEM is also represented by Ir. Ong Ching Loon (Vice President of IEM) at the NMC. There are also two representatives each from the Association of Consulting Engineers, Malaysia (ACEM) and the Board of Engineers, Malaysia (BEM) serving in the NMC.

The processing of applications from IEM members for these Registers is under the purview of the Standing Committee on Qualifications and Admissions, chaired by Vice President. The Membership Application Board chaired by Ir. Pan Wang Fook would vet and process all applications and forward the submissions to the Standing Committee for approval. To date, a total of 527 members have registered for both the Registers.

A 1-day BEM/IEM Training for International Engineering Alliance Reviews delivered by Mr. Basil Wakelin was held on 30 May 2016 at Wisma IEM and attended by 28 newly registered members. A follow up on this, the IEM Secretariat supported by FEIAP Secretariat contacted some of the participants for a briefing session conducted by Past President, Dato Ir Prof Dr Chuah Hean Teik on 12 August 2016 at 5.30pm on Accreditation of Engineering Education Programme. IEM had identified some of the participants for possibility of training them to be mentors and reviewers for their accreditation work.

From 29 May – 3 June 2016, IEM was represented by the Vice President, Ir. Lee Boon Chong and Immediate Past President, Dato' Ir. Lim Chow Hock, at the International Engineering Alliance Meeting (IEAM 2016) hosted by the Board of Engineers Malaysia (BEM) at Royal Chulan Hotel, Kuala Lumpur. IEM had been successfully re-accredited and had its signatory status renewed in the Asia Pacific Engineering Council (APEC) and International Professional Engineers Agreement (IPEA) for another six years.

#### 11.7 Federation of Engineering Institutions of Asia and the Pacific (FEIAP) [previously known as the Federation of Engineering Institutions of South East Asia and the Pacific (FEISEAP)]

IEM handed over the Chairmanship of FEIAP to the Chinese Institute of Engineers, Chinese Taipei (CIE) at the 23rd General Assembly held on 7 July 2015 in Taipei, Taiwan in conjunction with the 3rd FEIAP Convention. The current FEIAP President is Dr John C Li from CIE with Academician Dato' Ir. Prof Dr Chuah Hean Teik (IEM's representative) as the Immediate Past President.

The General Assembly cum meetings for 2016 was held in Perth, Australia from 6-9 July 2016 hosted by Engineers Australia.

The Institution of Engineers, Malaysia continues to host the permanent Secretariat of FEIAP with IEM President, Ir. Tan Yean Chin as the Secretary General.

#### 11.8 Federation of Engineering Institutions of Islamic Countries (FEIIC)

IEM Vice President, Ir. Prof Dr Ruslan Hassan is the IEM President's representative to the Federation of Engineering Institutions of Islamic Countries (FEIIC) where he currently serves as a 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 30th FEIIC Executive Council Meeting and 2nd FEIIC EQAPS Makkah & Madinah Accords Workshop which were held at the Fairmont Hotel, Makkah on 18 & 19 December.

FEIIC has embarked on an Engineering Accreditation System for the Middle East. The Accord called the "Makkah Accord" and "Madinah Accord" would look into accreditation of engineering degrees in the Islamic countries. The "Makkah Accord" is similar to "Sydney Accord", while the "Madinah Accord" is similar to "Washington Accord". For Malaysia, the Makkah Accord was signed by Ir. Ruslan Hassan on behalf of the IEM President.

Additionally FEIIC together with Universiti Putra Malaysia and Universiti Teknologi Malaysia jointly organised the World Research & Innovation Convention on Engineering & Technology (WRICET2016) in Langkawi, Kedah, from 24-25 October 2016.

#### 11.9 World Federation of Engineering Organisations (WFEO)

Eng. Jorge Spitalnik continues as the President of WFEO with Dr Marlene Kanga of EA as the President-Elect. The WFEO Executive Council meeting was held in Lima, Peru from 3-9 December 2016. The next General Assembly will be held in Rome, Italy end of 2017 and IEM would be represented by the President and the Hon Secretary.



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

Ir. Prof Dr Mohd Ali bin Hashim was appointed as the IEM's representative to APCChE Board, representing IEM President, who is the official representative in the Board. Prof Dr Denny Ng Kok Sum was appointed to attend the 23rd General Symposium and APPChE 2016 Board Meeting at Vung Tau City, Vietnam from 26 – 28 October 2016.

The World Congress of Chemical Engineering incorporating the 17th APCChE Congress will be held in Hong Kong, China from 23-27 August 2017.

### 11.11 MoUs with Overseas Institutions

Ir. Hj. Mohd. Ali bin Yusoff continued to serve as Chairman of the Sub Committee on MoU. To-date IEM has signed twenty (20) MoUs with overseas engineering institutions. In the year under review, IEM established Agreements / MoUs with the following institutions:

Institution	Signing Date	Duration
The Energy Institute (United Kingdom)	25 February 2016	3 years with a further 3 years automatic renewal
Koninklijk Instituut Van Ingenieurs, also known as The Royal Netherlands Society of Engineers (KIVI)	10 October 2016	3 years with a further 3 years automatic renewal

#### 11.11.1 MoUs with Universities / Institutions of Higher Learning

In addition to professional foreign engineering institutions, IEM also signed MoUs with Universities and Institutions of Higher Learning (IHLs) in Malaysia. To-date IEM has signed Sixteen (16) MoUs with local Universities and IHLs with four more in the pipeline. The MoUs are aimed at improving collaboration between the universities and IEM on student member recruitment as well as recruitment of their staff members as IEM member.

The recruitment exercise includes collection of the membership subscription fee at RM50.00 per Student Member whereby IEM would provide a financial incentive amounting to 30% of the total membership fees collection by the Universities or IHLs on behalf of IEM. The incentive would be utilised by the Universities or IHLs for activities by their Student Section.

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:

Institution	Signing Date
The Universiti of Malaya (UM)	2 March 2016

#### 11.11.2 MoUs with Local Councils

In the period under review, IEM had signed MoUs with the following local councils with a view to promote better relations and to establish good cooperation and networking especially in jointly organising public awareness programs and assisting the local councils in providing better engineering services and amenities to the community. There have been nine (9) MoUs signed to-date with several in the pipeline.

Council	State	Signing Date
Majlis Bandaraya Pulau Pinang	Pulau Pinang	25 August 2016
Majlis Perbandaran Seberang Prai	Pulau Pinang	25 August 2016
Dewan Bandaraya Kuala Lumpur	Wilayah Persekutuan Kuala Lumpur	28 October 2016

#### 11.11.3 MoUs with Local Organisations and Corporations

To-date the Institution has signed MoUs with three (3) local organisations and two (2) corporations as follows:

Institution	Date Signed
Project Management Institute Malaysia Chapter (PMIMY)	1 Dec 2011
Technological Association Malaysia (TAM)	2 December 2011
Construction Industry Development Board (CIDB)	14 March 2014



Corporation	Date Signed
MMC Corporation	13 April 2016
Brunsfeld Engineering Sdn Bhd	9 December 2016

#### 11.12 Interview Sessions, Press Releases and Press Statements

The Sub Committee on Press Statements was chaired by Ir. Yam Teong Sian, Honorary Secretary of IEM. For the year under review, the Standing Committee continued to be active in providing press releases and press statements on various engineering issues and matters of national interest. All press statements were uploaded onto the IEM Web Portal Newsroom and distributed to all Technical Divisions and IEM Branch Secretariat Offices for members' information. IEM also made various press statements on conferences organised in 2016.

#### 11.13 Branding of IEM

The Committee looked into improving the existing information tools such as the IEM Corporate video and PowerPoint Presentation as a means of branding IEM to generate more publicity and as a marketing tool to increase membership.

The Committee also embarked on a new IEM Logo as it was generally felt that the IEM Crest is not prominent and distinguishable especially when the grouped together with logos of other organisations. The IEM Logo was formed by placing the abbreviation "IEM" next to the IEM Crest.

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

In 2016, the following dialogue sessions took place:

19 January 2016 **Universiti Teknologi Malaysia (UTM)**

IEM held a dialogue with Universiti Teknologi Malaysia (UTM) on ways to enhance the quality of engineering graduates particularly in relation to their communication and presentation skills. Y.Bhg. Dato' Dr. Gue See Sew also attended the dialogue to present IEM's Position Paper on Benchmarking the Quality of Engineers.

29 July 2016 **Majlis Perbandaran Klang**

A courtesy visit was made to the Yang Dipertua of Majlis Perbandaran Klang, YBhg Dato' Mohamad Yasid bin Bidin to discuss the proposed draft MoU with the local council as well as the possibility of IEM giving engineering advisory support to Local Council on areas such as Green Energy, Sustainable Development, Asset Management, Transportation and other engineering related areas. In addition, IEM proposed for MPK to have a representative from IEM for their Majlis Perancangan Bandar / OSC committee.

10 August 2016 **Majlis Perbandaran Ampang Jaya (MPAJ)**

IEM President, Standing Committee Chairman and several members of this Committee paid a courtesy visit to the Yang Dipertua of Majlis Perbandaran Ampang Jaya (MPAJ), Tuan Haji Abd Hamid Bin Hussain.

29 August 2016 **Chief Minister of Melaka**

IEM President, members of this Committee and representatives of the IEM Melaka Branch paid a courtesy visit to the Chief Minister of Melaka, YAB Datuk Seri Ir. Idris bin Haron. The Chief Minister was conferred the AFEO Honorary Fellow by the AFEO Governing Board and the ceremony was conducted by the IEM President. The Chief Minister was very receptive and appreciative of the Award.

8 September 2016 **Majlis Perbandaran Subang Jaya (MPSJ)**

A courtesy visit to the Yang Dipertua of Majlis Perbandaran Subang Jaya (MPSJ), Y.Bhg. Dato' Nor Hisham bin Ahmad Dahlan was made on 8 September 2016. A draft MoU was sent to MPSJ for their consideration.

20 September 2016 **Dewan Bandaraya Kuala Lumpur**

The courtesy visit to the Mayor of Kuala Lumpur YBhg. Datuk Seri Hj. Mhd. Amin Nordin bin Abd. Aziz was made on Tuesday 20 September 2016. The Mayor was very receptive to the proposal for the MoU to be signed between both parties and as a result, an MoU was signed with Dewan Bandaraya Kuala Lumpur on 28 October 2016.



### 11.15 Visits/Dialogues with Overseas Engineering Institutions

The following visitors were received by IEM in 2016:

25 February 2016

17 March 2016 ***The Energy Institute, United Kingdom***

A dialogue was held with Ms. Sarah Beacock, the Skills and Capability Director of the Energy Institute. The dialogue was followed by a MoU signing and a Talk by Ms. Beacock entitled “*Enhancing Engineering Competence to meet the National Energy Challenge.*”

4 August 2016 ***Engineers Australia (EA)***

President of Engineers Australia Mr. John McIntosh and Chief Operating Officer Mr. Stephen Durkin made a courtesy call to the IEM President and Office-bearers.

18 October 2016 ***Japan Society of Civil Engineers (JSCE)***

The Senior Coordinator of the Japan Society of Civil Engineers (JSCE), Dr. Senro Kuraoka paid a courtesy visit to IEM to discuss primarily the international activity of JSCE (Building network for technologies and education) and to introduce the ACECC (Asian Civil Engineering Coordination Council) and activities related to disaster reduction.

1 November 2016 ***The Institution of Civil Engineers UK (ICE)***

The Institution of Civil Engineers UK (ICE) Asia Pacific Area Manager Ms Renee Reilly and ICE International Director Ms Catherine Cole had a meeting with Deputy President, Ir. David Lai and Vice Presidents, Ir. Lee Boon Chong and Ir. Lai Sze Ching. The meeting discussed on academic and professional recognition vis-a-vis the Washington Accord and the IntPE register, as well as possible joint activities for ICE and IEM.

### 11.16 INTER-PROFESSIONAL ACTIVITIES

***Koninklijk Instituut Van Ingenieurs, also known as The Royal Netherlands Society of Engineers (KIVI)***

#### **Ties with other professional bodies/relevant organisations**

A skype meeting was held with Ms. Micaela dos Ramos, Executive Director of KIVI and members of her team. The Standing Committee agreed for Ir. Dr Tan Chee Fai to look into the linkage with KIVI and to formulate joint activities that will bring mutual benefits to members of IEM and KIVI.

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

- Board of Engineers Malaysia (BEM)
- The Chartered Institute of Arbitrators (CIArb)
- The Malaysian Institute of Arbitrators (MIArb)
- Association of Consulting Engineers, Malaysia (ACEM)
- Pertubuhan Akitek Malaysia (PAM)
- The Royal Institution of Surveyors, Malaysia (ISM)
- Construction Industry Development Board (CIDB)
- Balai Ikhtisas Malaysia (BIM)
- Malaysian Services Providers Confederation (MSPC)
- Building Management Association of Malaysia (MBAM)
- Confederation of Scientific and Technological Associations in Malaysia (COSTAM)
- Malaysia Structural Steel Association (MSSA)
- Professional Skills Development Centre (PSDC)
- Department of Standards Malaysia (DSM)
- Standards and Industrial Research Institute of Malaysia (SIRIM)

### 11.17 INTERNATIONAL ACTIVITIES

The Institution continued its close rapport and liaison with 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)





The Institution also continues to foster close relationships with professional institutions in USA, UK, Japan, Korea and China. Some of these organisations are:

- Institution of Engineers, Singapore (IES)
- Hong Kong Institution of Engineers (HKIE)
- Engineers Australia (EA)
- Korea Professional Engineers Association (KPEA)
- The Institute of Electrical and Electronic Engineers, USA (IEEE)
- The Institution of Civil Engineers, UK (ICE)
- The Institution of Mechanical Engineers, UK (IMechE)
- The Institution of Chemical Engineers, UK (IChemE)
- The Institution of Engineering and Technology (IET)
- Japan Federation of Engineering Societies (JFES)
- China Association for Science and Technology (CAST)
- The Institution of Engineers, India (IEI)
- Institute of Marine Engineering, Science and Technology (IMarEST)
- Royal Institution of Naval Architects (RINA)

## 12 AWARDS COMMITTEE

12.1 Ir. Tan Yean Chin, the IEM President, chaired this Committee for the year 2016 – 2017. The Committee met to consider nominations for the IEM Awards as follows:

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

The details of the awards were tabulated in the front pages of this Annual Report.

12.2 Besides the nomination of candidates for the above awards, the Committee also submitted names of nominees for the Federal and State awards for Datukships and various other decorations.

## 13 SPECIAL COMMITTEE ON AMENDMENTS TO CONSTITUTION AND BYLAWS

13.1 Ir. Lai Sze Ching was re-appointed to chair this Special Committee. The Committee was tasked with the responsibility to look into allowing Graduate Members to have representatives in Council with voting rights. Some proposed revision will be presented to the Annual General Meeting for approval.

## 13 IEM EDUCATION FUND

13.1 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 students of local institutions of higher learning. For the year 2016, a total of 29 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 students of all universities who had signed MoUs with IEM.

The Board had approved the award of the following scholarships :

1. Tan Sri Ir. (Dr.) Hj. Yusoff bin Hj. Ibrahim Memorial Scholarship
  - Cik Nurul Husna Binti Abdullah
  - Mr. Jeffrey Ong Seok Wai
  - En. Muhammad Mustaza Bin Abd Kadir
2. Koon Yew Yin Scholarship
  - Mr. Denesh A/L Gunasegar
  - Mr. Chew Xian Cheng
  - Miss Ng Kah Mun
  - Mr. Ho Wee Chung
  - En. Muhammad Amirul Amri Abdullah
  - Cik Norjalilah Binti Mohd Yaacob



13.2 The Education Fund Board also established a new scholarship to be known as the IEM Presidential Scholarship with an award of RM10,000 per year for the duration of the programme. The first recipient who received the scholarship is Cik Siti Azifatila Zifah Bt Sheikh Abdul Aziz. She was presented with the cheque at the 404th IEM Council meeting on 17 October 2016.

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

#### 13.4 IEM Student Sections

The Board now has 25 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

#### 14 IEM POSITION PAPERS

14.1 The Co-ordinating Committee for Position Papers chaired by the Deputy President, Ir. David Lai Kong Phooi was entrusted to monitor and co-ordinate the progress of the Committees set up to prepare each position paper.

14.2 The Co-ordinating Committee continue to review the previously approved Position Papers to have them updated accordingly.

Two Position Papers completed and approved by the Council in session 2015/2016; namely Position Paper on “Project Management Consultancy Relevancy in Local Context” and Position Paper on “Collapse of Scaffolding and Temporary Falseworks” were submitted to the relevant Ministries and local authorities. IEM was invited to present the Position Paper on “Collapse of Scaffolding and Temporary Falseworks” to CIDB Chief Executive on 25 July 2016. IEM President Ir. Tan Yean Chin and Ir. Lee Kee Bau, (Chairman of the Position Paper on “Collapse of Scaffolding and Temporary Falseworks”) presented the findings to CIDB.

The Position Paper on “Appointment of Professionals to Senior Government Positions” by PSESIG is still ongoing.

#### 15 IEM STRATEGIC PLAN

15.1 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



## 16 BRANCHES AND SECTIONS

### 16.1 Penang Branch

16.1.1 Ir. Ting Chek Choon was elected as the Branch Chairman for session 2016/2017. The total membership as at December 2016 of the Branch stands at 2,089 with 224 Fellows, 1 Senior Member, 487 Members, 3 Incorporated Members, 531 Graduate Members, 16 Companion, 2 Associate Members and 1,025 Student Members.

During the active 2016/2017 session, the IEM Penang Branch Committee together with the Graduate & Student (G&S) Section have organised numerous activities. School career talks and engineering career camp were also organised as awareness programmes for students for them to understand a career in engineering. Seminars, courses and technical talks were also conducted solely aimed towards the success of Continuous Professional Development and Lifelong Learning Programmes.

06.11.2015 2015 Distinguished Engineer Legacy Lecture: Fellow eminent Penang engineer, Dato' Paduka (Dr.) Ir. Hj Keizrul bin Abdullah presented his life-long experience on "The Abnormal Will Be The New Normal – Managing Floods In Malaysia" during his Legacy Lecture held at the IEM Penang Secretariat in conjunction with the 2015 IEM Penang Branch AGM. The aim of this prestigious IEM-Penang Distinguished Engineer Legacy Lecture Series is to impart the invaluable and extensive engineering knowledge and skills obtained by senior prominent and very experienced engineers, in any specialised fields of engineering, to practising and aspiring engineers.

The 48th AGM of IEM Penang Branch was held at the IEM Penang Secretariat. It was attended by 126 members after which a buffet dinner was served at Penang Club.

22 - 26.11.2015 In 2016, CAFEO 33, was organised by The Institution of Engineers, Malaysia (IEM) and held at Equatorial Hotel, Penang, Malaysia, from 22nd to 26th November, 2015. Malaysia held the chair of AFEO for 2015 until the conclusion of CAFEO 33. The theme was "From Light to Bytes: ASEAN Engineering Evolution and Future Challenges". More than 1200 delegates participated in CAFEO 33.

10.12.2015 Talk on Introduction of Some Latest Predictive Maintenance Technology For Electrical Installation. 20 participants attended the above talk which was held at IEM Penang Secretariat. Ir. Chen Chin Peng was the speaker.

24.2.2016 Seminar on Commission of Enquiry Into The Failure of Two Civil Structures in Penang. The first seminar organized by IEM Penang Secretariat for the year of 2016 was attended by 56 participants and led by moderator Ir. Ng Sin Chie. The speaker was Dato' Ir. Dr. Gue See Sew.

26 & 27.2.2016 IEM PI Training and Certification Workshop. 28 participants attended this workshop and the speaker was Ir. Lee Boon Chong.

19.3.2016 Awareness Programme Talk on Revision of The Professional Interview Process. 46 participants attended this informative Professional Interview Workshop, which was held at the IEM Penang Secretariat. The speaker was Ir. Lee Boon Chong & Ir. Noor Hisham Yahaya.

22.3.2016 Technical Visit to MDC Precast Industries Sdn Bhd. The first technical visit organized by IEM Penang for the year of 2016 to MDC Precast Industries Sdn Bhd and was attended by 22 participants.

25.3.2016 Seminar on Advances In Geotechnical Practice. The above seminar held at E&O Hotel and presented by Mr. Sanjive Narendranathan, Ir. Lee Eng Choy, Mr. Nagamuttu Narendranathan & Mr. Samuel Setchell. A total of 50 IEM members attended.

26.3.2016 Seminar on Updates on Latest Standard MS 145 (Welded Steel Mesh) and MS 146 (Reinforcing Steel Bar) under CIDB Act 520 for the construction industry. 37 participants attended the above seminar which was held at IEM Penang Secretariat. Ir. Yap Kong Lim was the speaker from Southern Steel Mesh (M) Sdn Bhd.

29 & 30.3.2016 Technical Visit to PMW Concrete Industries Sdn Bhd in Perak. The visit attended by 34 members was led by moderator, Ir. Dr. Mui Kai Yin.

BEM Course on Code of Ethics. 48 participants attended the above course which was held at IEM Penang Secretariat. Ir. Eddie TS Ng was the speaker.

31.3 - 6.4.2016 Technical Visit & Tour Trip to Seoul & Jeju Island Korea. 7 IEM members participated in the 6 days 5 nights technical visit to Seoul & Jeju Island led by Ir. Dr. Yee Hooi Min. The visited venues were Jeju Healthcare Center under Hanwha Engineering and Construction Corp. at Jeju and Green Smart Innovation Center under Hyundai Engineering and Construction Co. Ltd., Korea. A dialogue with the Korean Professional Engineers Association and Prof. Dr. Kim Jae-Yeol were held during the trip.

1.4.2016 Technical Visit to Monier Bercham Plant. Attended by 21 members and led by moderator, Mr. Robert Low Hock Soon. The delegates visited Monier Bercham Plant in Ipoh.



- 11 & 12.4.2016 Seminar on Retaining Structures & Deep Excavation. 32 participants attended the above seminar which was held at IEM Penang Secretariat. The panel speakers were Prof. Dr. Fauziah Ahmad, Dr. Nor Azizi bin Yusoff, Assoc. Prof. Ir. Dr. Dominic Ong and Ir. Tan Yean Chin.
- 20.4.2016 Technical Visit to ICP. This technical visit, organized by IEM Penang Secretariat to ICP was attended by 20 participants.
- 23.4.2016 Treasure Hunt 2016. This full day social and leisure event was organized by IEM YES Penang Branch with co-organizer Kedah Motor Sport Club. It was successfully held on 23rd April 2016. There were 172 participants and the majority were engineers from different engineering fields. A total of 43 cars were driven from Mainland to Penang Island. The event was adjourned at 8.00pm after a group photo was taken.
- 26 & 27.4.2016 BEM Course on Engineering Management Practice. 45 participants attended this course which was held at IEM Penang Secretariat. It was presented by Cdr (Rtd) Ir. Raymond Swa.
- 4.5.2016 Seminar on Recent Developments In Geosynthetics For Engineering Structures. Mr. Chris Lawson and Mr. Yee Tack Weng were the speakers for the above seminar which was held at E&O Hotel. A total of 93 members attended.
- 6.5.2016 Course on Smelly Toilets – WHY, WHERE, WHAT, WHO, WHEN AND HOW to Eliminate. 12 participants attended the course held at IEM Penang Secretariat. Ir. Gary Lim was the speaker.
- 11.5.2016 Seminar on Seismic Design procedures to Eurocode and Inspection and rehabilitation approaches to earthquake damaged buildings. Mr. Joseph Kubin and Mr. Nigel Watts presented a very comprehensive talk during the above seminar to 77 members at the G Hotel.
- 16.5.2016 Blood Donation. IEM YES Penang organized the blood charity drive at UiTM. It was led by Mr. Siew Jun Soon. A total of 43 pax attended this event.
- 19 & 20.5.2016 Course on Fire Control Concepts & Design of Active Wet Systems 18 participants attended this course which was held at IEM Penang Secretariat. The speaker was by Ir. Gary Lim.
- 24.5.2016 Seminar on Guide to Deriving Earthquake Loads using AS/NZS 1170 Part 5: Earthquake Action The above seminar held at IEM Penang Secretariat and presented by Mr. Eric Lee. A total of 33 IEM members attended.
- 26.5.2016 Seminar on The Deterioration Of Concrete & Its Repair & Protection According to EN1504. Mr. Lim Kean Meng was the speaker for the above seminar which was held at E&O Hotel. It was attended by 76 members.
- 30 & 31.5.2016 BEM Course on Safety & Health At Work. En. Ahmad Nazri b Abdul Aziz was the speaker. Total of 34 participants attended the course held at IEM Penang Secretariat.
- 20& 21.6.2016 Course on 100 Common Problems of Construction Contract. Ir. Lai Sze Ching presented the talk to 25 participants which held at IEM Penang Secretariat.
- 18 & 19.7.2016 Course on Design Concepts of Plumbing & SWC Systems A total of 18 participants attended this 2 days' seminar at IEM Penang Secretariat. Ir. Gary Lim was the speaker.
- 21.7.2016 Seminar on Challenging Engineering Case Study: Slope Stabilization and Flood Mitigation The first evening talk organized by IEM Women Engineer Section was held at IEM Penang Secretariat and attended by 21 participants. The speaker was Ir. Raftah and Ir. Suhana.
- 5.8.2016 Seminar on Concrete Repair & Protection, Structural Strengthening System and Design Software 69 participants attended this seminar which was held at St. Giles Hotel. It was presented by speaker Ir. Steven Ng.
- 14.8.2016 Build N Break Competition 2016. For the Build N Break Competition and Engineering Week 2016 opening ceremony, IEM –YES organized this event at Queensbay Mall on 14 August 2016. A total of 118 students participated in this successful event.
- 15.8.2016 Evening Talk on Penang Transport Master Plan. The above talk was held at IEM Penang Branch office. Ir. Lim Thean Heng was the speaker and a total of 35 IEM members attended.
- 15 & 16.8.2016 Course on Project Management Foundation & Practices. PMO Asia Sdn Bhd jointly organized the above course at PMO Asia Learning Centre Penang. It was attended by 12 participants. The speaker was Ir. Dr. Mui Kai Yin.



- 17.8.2016 Seminar on Innovative Technology in Conveyance of Water and Sewerage - Oriented PVC Pipes. Mr. Ismael Bajawi was the speaker for the seminar which was attended by 22 participants at the IEM Secretariat office.
- 18.8.2016 Seminar on Latest Standards on Lightning & Surge Protection. This full day seminar was held at IEM Penang Secretariat office and attended by 22 participants. The speaker was Mr. Kwan Lung.
- 21.8.2016 Friendly Badminton Games. Engineering Week started on a friendly note with players from MBPP, PBA, Bomba, PAM, RSIM and IEM engaged in friendly badminton matches played in Karpal Singh Penang Learning Centre. The friendly matches were led by Mr. Goh Wen Zhong. IEM emerged as the champion of this year's tournament.
- 24.8.2016 Technical Visit to Silterra  
The first technical visit organized by eETD. A total of 24 participants headed by En. Huzein Fahmi, made a visit to Silterra. The speaker was Dr. Mohd Azizi Bin Chik.
- 26.8.2016 Seminar on The Latest Solar Photovoltaic Technology Deployment, Opportunities And Challenges In Malaysia. Mr. Ko Chuan Zhen was the speakers for the above half day seminar which was held at IEM Penang Secretariat. A total of 22 participants attended.
- 27.8.2016 Professional Interview Workshop. 16 participants attended this workshop and the speaker was Ir. Lee Boon Chong.
- 28.8.2016 IEM Penang Open House. More than 20 members attended IEM Penang open house. The purpose of this open house luncheon was to appreciate fellow members for their continuous support.
- 7.9.2016 Tech Dome Visit with Orphanage Children. The community social responsibility service was driven by IEM Women Engineer Section and led by Ms. Tan Hui Sze. The IEM Penang Branch sponsored 21 participants from Children's Protection Society to attend the Tech Dome visit. The purpose of the visit is to help the orphanage to learn and provide them with exposure to the latest technology.
- 9.9.2016 Seminar on Energy Delivery System – Understanding Power Cables And Connections. Ir. Tan Chow Heang and Mr. Ng Choon Guan presented the seminar to 36 participants which held at IEM Penang Secretariat.
- 29.9.2016 Seminar on Innovative Formwork System for Buildings & Infrastructures. Mr. Rainer Klima was the speaker for the half day seminar which was held at G Hotel. A total of 45 members attended.
- 30.9.2016 Seminar on Instrumentation And Subsurface Investigation. 6 expert speakers shared their knowledge on various topics during this informative full day seminar to 21 participants which was held at Hotel Royal. The panel speakers were Ir. Dr. Hisham Mohamad, Mr. Ng. CN, Ir. Dr. Lee Sieng Kai, Ir. Dr. Dominic Ong, Ir. Yee Thien Seng and Ir. Liew Shaw Shong.
- 4.10.2016 Seminar on Storm Water Management. The above seminar held at IEM Penang Secretariat office and presented by Mr. Chang Chun Kiat. A total of 43 participants attended.
- 5.10.2016 Talk on Potential Transformer and Current Transformer: The Likes and Differences. 33 participants attended this talk which was held at IEM Penang Secretariat. It was presented by speaker Ir. Chen Chin Peng.
- 6.10.2016 Seminar on An Overview of Cold-Formed Steel Structure & Metal Roofing In Today's Construction Market. Mr. Usman Liang was the speaker for the seminar which was attended by 46 participants at Evergreen Laurel Hotel.
- 19.10.2016 Evening Talk on SPT Drainage Master By JPS. IEM Penang Secretariat held an evening talk with JPS, for the benefit of its members to exchange and get update on matters relating to the department. A total of 12 members attended.
- 19.10.2016 Evening Talk on Traffic Impact Assessment. Ir. Dr. Leong Lee Vien presented the talk to 26 participants, which was held at the IEM Penang Secretariat office.
- 19.10.2016 Talk on Globalization and Challenges Faced by Future Graduates/Engineers. Academician Dato' Ir. Prof. Dr. Chuah Hean Teik was the speaker for the above talk which was held at USM, Nibong Tebal. A total of 12 members attended.
- 24 & 25.10.2016 BEM Course on Engineering Management Practice. 17 participants attended this course which was held at IEM Penang Secretariat office. It was presented by Cdr (Rtd) Ir. Raymond Swa.





## 16.2 Southern Branch

16.2.1 Ir. Mohd Khir bin Muhammad, was elected as Chairman for session 2016/2017 after resignation of Ir. Lee Meng Chiat as the Branch Chairman on 14th November 2016. The total membership as at 31 December 2016 of the Branch stands at 4,205 with 55 Fellows, 2 Senior Members, 651 Members, 13 Companions, 840 Graduate Members, 2 Affiliate Members, 6 Incorporated Members, 3 Associate Members, and 2633 Student Members. Meetings of the Branch Executive Committee were conducted monthly normally on every 3rd or 4th Wednesday of the month.

The following activities were conducted by the Southern Branch for the year 2016:

- 09.01.2016 A Half-Day Talk on “**Prefab Steel Buildings**” was organized by IEM (Southern Branch), in collaboration with Well & Able Holdings Pte. Ltd. at The Grand Paragon Hotel, Johor Bahru.
- 30.01.2016 A Half-Day Talk on ‘**Sustainable Building Services Design – M&E Engineer Aspect**’ was organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
- 19.02.2016 **IEM (Southern Branch) Lunar New Year 2016 Open House** was held at LC Catering Ballroom, Johor Bahru.
- 25.02.2016 Participated in the Career Pathway Seminar Programme 2015 organized by Johore Master Builders Association (JMBA) at Foon Yew High School, Johor Bahru. The programme was aimed at providing information and introducing students to the Construction field.
- 25.02.2016 – 27.02.2016 **E-discovery Camp**, organized by IEM-UTHM Student Section was held at R&R Kota Minda, Kota Tinggi, Johor.
- 26.02.2016 IEM UTM Student Section Visit to IES NUS.
- 27.02.2016 A Half-Day Talk on “**Design & Detailing Of Slabs With Welded Steel Fabric (MESH) Complying To MS 145 And Reinforcing Steel**” was organized by IEM (Southern Branch) in collaboration with Southern Steel Mesh Sdn. Bhd. at The Grand Paragon Hotel, Johor Bahru.
- 27.02.2016 A Visit to IES organized by IEM-YES HQ.
- 01.03.2016 – 04.03.2016 **Project Management Certification Course PMP (R) Boot Camp: The Success Path To Be A Certified Project Management Professional**, organized by PMO Asia Sdn. Bhd. In-collaboration with IEM (Southern Branch) at KSL Resort Hotel, Johor Bahru.
- 03.03.2016 – 04.03.2016 1½ Day **IEM Professional Interview Training And Certification Workshop**, was organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
- 04.03.2016 Awareness Programme - Talk on “**Revise of The Professional Interview Process**”, was organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
- 04.03.2016 **Hiking to Lambak Hill 2.0** organized by IEM UTHM Student Section.
- 08.03.2016 **International Women Day: Forum on “Challenges of Women Engineers in Industry”** organized by Young Women Engineers Section – IEM UTHM Student Section.
- 12.03.2016 **Talk on “Route to be MIEM/PEng”** in conjunction with *Seminar Kejuruteraan Awam (SEMKA)* Semester 2, Session 2015/2016 at UTM Skudai, Johor.
- 19.03.2016 – 28.03.2016 **Earth Week 2016 – Save The Earth, Save Our Life** is a programme organized by IEM UTHM Student Section and supported by KeTTHA, WWF and Perbadanan Taman Negara Johor. The objective of this programme was to create awareness related to green technology to university students and the general public. Various activities were carried out including roadshows on Tapir Awareness, Tree Planting at Kukup Island, Eco Car Exhibition, Green Run, Industrial Visit and Charity Night.
- 19.03.2016 **IEM Educational Camp** at Johor Technical Matriculation College, Pontian, Johor organized by Young Women Engineers Section – IEM UTM Student Section and IEM Women Engineers Southern Branch.
- 19.03.2016 **Tree Planting Event** organized by IEM UTHM Student Section at Kukup Island Mangrove reservation forest in conjunction with “Let’s Go Green Campaign”.
- 25.03.2016 **A Date With Engineers 1.0** organized by IEM UTM Student Section at UTM Skudai, Johor Bahru.
- 26.03.2016 A Half-Day Talk on “**Structural Fire Engineering**” was organized by IEM (Southern Branch) at UTM Skudai, Johor Bahru.



- 02.04.2016 A One-Day Course on “**Enterprise Risk Management In An Uncertain Business Environment**” organized by YES IEM (Southern Branch) at The Grand Paragon Hotel, Johor Bahru.
- 08.04.2016 **A Half-Day Visit to the Forest City Development**, Gelang Patah, Johor.
- 15.04.2016 **IEM Day 2016** organized by IEM UTM Student Section at UTM Skudai, Johor Bahru.
- 23.04.2016 A One-Day Seminar on “**Recent Developments In Geosynthetics For Engineering Structures**” was organized by IEM (Southern Branch) in collaboration with TENCATE (M) Sdn. Bhd. at Renaissance Hotel, Johor Bahru.
- 22-23.04.2016 & 29-30.04.2016 **IEM IT-Month 2016** organized by IEM UTM Student Section at UTM Skudai, Johor Bahru.
- 30.04.2016 **IEM (Southern Branch) Fund Raising Golf** was held at Austin Heights Golf & Hotel Resort, Johor Bahru.
- 04.05.2016 **A Half-Day Visit to the Aeronautical Laboratory (Aircraft Maintenance)**, Faculty of Mechanical and Manufacturing Engineering, Universiti Tun Hussein Onn Malaysia (UTHM)
- 06.05.2016 **A Date With Engineers 2.0** organized by IEM UTM Student Section at UTM Skudai, Johor Bahru.
- 07.05.2016 **Road to Professional Engineer** organized by IEM UTM Student Section at UTM Skudai, Johor Bahru.
- 10.05.2016 A Half-Day Seminar on “**MS IEC 62305 Series**” was organized by IEM (Southern Branch) in-collaboration with Pekat Teknologi Sdn Bhd at IEM (Southern Branch) Training Centre, Johor Bahru.
- 13.05.2016 Visit to the **Kampung Pungai, Pengerang, Johor**, organized by IEM UTM Student Section.
- 14.05.2016 A Talk on “**Seismic Design Procedures to Eurocode and Inspection and Rehabilitation Approaches to Earthquake Damaged Buildings**” was organized by IEM (Southern Branch) in-collaboration with PROTA Asia Sdn. Bhd. at the Holiday Villa, Johor Bahru.
- 02.06.2016 Evening Talk on “**Energy Management Compliance and Practical Applications**” by Ir. Thayala Rajah S/O C. Selvaduray was organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
- 25.06.2016 A Half-day Talk on “**Importance of Fire Performance In Structural Decking Design**” was organized by IEM (Southern Branch) in collaboration with NS BlueScope Lysaght Malaysia Sdn Bhd. The talk was held in conjunction with the 43rd Annual General Meeting of IEM (Southern Branch) at The Grand Paragon Hotel, Johor Bahru.
- 25.06.2016 The 43rd Annual General Meeting (AGM) of The Institution of Engineers, Malaysia (Southern Branch) was conducted at at The Grand Paragon Hotel, Johor Bahru with an attendance of 174 members.
- 22.07.2016 A Half-Day **Technical Talk & Visit to Senibong Cove Development** at Marina Sales Gallery, Senibong Cove, 81750 Masai, Johor.
- 26.07.2016 **IEM (Southern Branch) Hari Raya Aidilfitri 2016 Open House** was held at Johor Golf and Country Club (JGCC), Johor Bahru.
- 30.07.2016 A One-Day Course on “**Electrical Safety In The Industries**” was organized by IEM (Southern Branch) at IEM (Southern Branch) Secretariat Office, Johor Bahru.
- 13.08.2016 A One-Day Course on “**Tall Buildings & Their Design Challenges**” was organized by IEM (Southern Branch) at The Grand Paragon Hotel, Johor Bahru.
- 01.09.2016 IEM Membership Recruitment Drive was held at Universiti Tun Hussein Onn Malaysia, Batu Pahat, Johor.
- 01.09.2016 IEM Membership Recruitment Drive was held at UTM Skudai, Johor Bahru.
- 02.09.2016 **A Half-Day Visit to MRT Project Information Centre** at Damansara Utama, Selangor.
- 03.09.2019 A Half-Day Talk on “The Deterioration of Concrete and Its Repair and Protection According to EN1504” organized by IEM (Southern Branch) in-collaboration with MAPEI Malaysia Sdn Bhd at The Grand Paragon Hotel, Johor Bahru.
- 07.09.2019 Evening Talk on “**Rail Solution: On Track**” by Prof. Dr. Khalid Bin Hasnan organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.



- 24.09.2016 **IEM (Southern Branch) Annual Dinner and Award Night 2016** was held at The Holiday Villa Hotel, Johor Bahru.
- 30.09.2016 – **IEM Humanity 2016** organized by IEM UTM Student Section at UTM Skudai, Johor Bahru.  
01.10.2016
- 01.10.2016 A Half-Day Talk on **“Malaysian National Annexe to Euro Code 8”** was organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
- 06.10.2016 – **The Little Stars Program** organized by IEM UTM Student Section at UTM Skudai, Johor Bahru.  
10.10.2016
- 07.10.2016 – **IEM Water Awareness Campaign (I-WAC) 2016** organized by IEM UTM Student Section at UTM Skudai, Johor Bahru.  
10.10.2016
- 08.10.2016 Talk on **“Introduction of Engineering”** to the Orphanage students organized by IEM UTM Student Section at UTM Skudai, Johor Bahru.
- 08.10.2016 A One-Day Course on **“Seismic Design of Bridges According to Euro Code 8”** was organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
- 15.10.2016 **Talk on “Route to be MIEM/PEng”** in conjunction with *Seminar Kejuruteraan Awam (SEMKA)* to final year undergraduate students at UTM Skudai, Johor.
- 05.11.2016 A Half-Day Seminar on **“Tunnelling & Underground”** was organized by IEM (Southern Branch) at IEM (Southern Branch) Training Centre, Johor Bahru.
- 12.11.2016 **JB Engineers Run 2016** organized by YES IEM (Southern Branch) was held at Austin Heights Water & Adventure Theme Parks.
- 17.11.2016 **A Half-Day Visit** to Johor Petroleum Development Information Centre at Teluk Ramunia, Pengerang, Johor.
- 26.11.2016 Talk on **“Route to be MIEM/PEng”** was conducted at IEM (Southern Branch) Training Centre, Johor Bahru.

### 16.3 Sabah Branch

- 16.3.1 A total of 11 Executive Committee meetings were held during the session. A numerous luncheon and afternoon meetings involving key office bearers were also held to resolve urgent matters from time to time.
- 16.3.2 Ir. Hj. Yahya Ag Kahar, was re-elected as Branch Chairman for the session 2016/2017. This was announced during the Branch's 42nd Annual General Meeting on 22nd October 2016. Total membership stood at 1,933.
- 16.3.3 During the session of 2015/2016, 20 courtesy calls were made to government agencies and Ministries:
- Courtesy Call to Land & Survey Department on 3rd December 2015
  - Courtesy Call to Director of Sabah Town Planning and Regional Department on 1st February 2016
  - Courtesy Call to Ministry of Development and Infrastructure Sabah on 4th February 2016
  - Courtesy Call on the Ministry of Local Government and Housing, Permanent Secretary Office on 16th February 2016
  - Courtesy Call on the Sabah Electricity Sdn Bhd Managing Director on 24th February 2016
  - Courtesy Call to UMS Engineering Faculty on 4th March 2016
  - Courtesy Call to Jabatan Air Sabah on 7th March 2016
  - Courtesy Call on 14th March 2016 to the District Council of Penampang
  - Courtesy Call to Department of Irrigation and Drainage on 15th March 2016
  - Joint Courtesy Call with ACEMS to RTM office on 24th March 2016
  - Courtesy Call on DBKK New Mayor on 30th March 2016
  - Courtesy Call on the President of Tawau Municipal Council on 12th April 2016
  - Courtesy Call to SEDIA on 11th May 2016
  - Courtesy Call to Immigration Department on 20th May 2016
  - Courtesy Call to Setiausaha Bahagian Keselamatan & Penyelidikan on 6th June 2016
  - Courtesy Call to Sabah Environmental Protection Department on 13th June 2016
  - Courtesy Call on Pengarah Jabatan Tenaga Kerja on 20th June 2016
  - Courtesy Call to PETRONAS on 15th August 2016
  - Courtesy Call to Ministry of Industrial Development on 26th August 2016
  - Courtesy Call to Institute Development Sabah on 1st September 2016
- 16.3.4 The IEM Sabah had collaborated with ACEM Sabah Branch in organizing a IEM/ACEM 4D3N Study Trip to Singapore's "Samwoh Eco-Green Park, Zero Energy Building @ BCA Academy, HDB Centre of Building Research, Land Transport Authority and The Marina Barrage" on 27th July 2016 to 30th July 2016. The study trip was participated by 11 participants.



- 16.3.5 A total of 22 Professional Interview applications were processed. These consist of 11 from civil, 3 from mechanical, 6 from electrical and 2 from electronic. To date, 10 applications are still in progress, 26 applications are referred back to HQ and no outstanding cases.
- 16.3.6 Mr. Kevin Soo has been elected as the YES Chairman for session 2016/2017. The YES had been active throughout the session by undertaking noble and meaningful activities. Among the activities completed during the session include:
- YEAFEO (33rd Conference of the ASEAN Federation of Engineering Organizations 2015) in Penang on 21st to 26th November 2015
  - Tambunan Orphanage Visit on 24th January 2016
  - Blood Donation Drive at Suria Shopping Mall on 27th February 2016
  - Wetland Cleaning Activity at Kota Kinabalu Wetland on 5th March 2016
  - Futsal competition on 24th July 2016
  - IEM/YES National Summit hosted by Kuching Branch on 28th to 31st July 2016
  - BAF Walkability Workshop by PAM on 8th October 2016
- 16.3.7 In 2016, the 12th IPB Games was hosted and organised by PAM Sabah Chapter. IEM and MIA were the Joint Champion for IPBG 2016 followed by MMA and PAM.
- 16.3.8 The branch Technical Visit Committee had successfully organized three technical visits namely to:
- Technical Site Visit to “Tanjung Aru Sewage Scheme Project on Pipe Jacking Technology” on 12th March 2016
  - Half Day Technical Visit to “Aeropod @ Tanjung Aru-The Modernization and Redevelopment of The Existing Tanjung Aru Main Train Station Site” on 7th May 2016
  - Half Day Technical Visit to Kota Kinabalu High Court Construction Site on 13th August 2016
- 16.3.9 During the session, the Seminar and Trainings Sub Committee collaborated with other organisations in organising various courses and talks.
- 16.3.10 The Installation of IEMS Toastmasters Club Committee was held on 21st July 2016. Ir. Ismail Omar was elected as the new President, Mr. Shaji Sugathan as Vice President Education, Mr. Philip Sungkit as Vice President Membership / Public Relation, Ms. Chua Siew Yin as Secretary, Mr. Willie Chua as Treasurer and Mr. Ricky Lee as Sargent-at-Arm. The Club has achieved Distinguished Club status having fulfilled 5 out of 10 Distinguished Club Programme requirements during fiscal year 2015-2016.

During the fiscal year, the club has conducted 11 training meetings and has invited 9 guest speakers to present featured talks namely:

- Mr. Luqman (Dyslexia);
- Ir. Andrew Amaladoss (40MW Geothermal Plant at Tawau);
- Dr. Rachel Fran Mansa (Jump to the Rhythm of Engineers);
- Ir. CC Lo (What Makes a City Grow);
- Mr. Johan Amilin (Sweet Smell of Success);
- Ir. Vincent Tan (The design and construction of Sepang Road Tunnels);
- Datuk Hiew Thien Choi (A Model of Memory and Learn);
- Dr. Jes Lime Tyng Yee (Feng Shui Practice for good health and avoidance of cancers) and
- Mr. Yee Thart Chi (The Power of Sub Conscious Mind).

The club has also organised speech contests as follow:

- |                                    |                          |
|------------------------------------|--------------------------|
| • Area K3 Humorous Speech Contest: | Champion: Shaji Sugathan |
| • Area K3 Evaluation Contest:      | Champion: Shaji Sugathan |
| • Area K3 Humorous Speech Contest: | Champion: Shaji Sugathan |
| • Area K3 Table Topics Contest:    | Champion: Chua Vee Lee   |

- 16.3.11 Activities undertaken by the UMS Liaison Sub Committee included:
- Receiving a courtesy call from IEMS on 4th March 2016
  - MOU with IEM (still in discussion process)
- 16.3.12 The 40th Annual Dinner was held on 26th November 2016 at the Grand Ballroom, Magellan Sutera Harbour Resort Kota Kinabalu. A total of 90 tables were sold. The guest of honour was YAB Datuk Seri Panglima Musa Haji Aman, the Sabah Chief Minister.
- 16.3.13 The building is now occupied by TAS Institute of Oil and Gas as a training centre. The tenant had commenced to build additional 2 storey classroom block and basic offshore safety induction training facilities at their own cost



16.3.14 The Sub Committee of Women Engineers (WE) managed to recruit to date 153 members. Among the activities undertaken were:

- Attended the Conference of Asean Federation of Engineering Organizations (CAFEO) on 22nd to 26th November 2015. Represented by Ms. Retty Simok and Ms. Edna Lunchi.
- Assisted in the organizing of IEMS Annual Dinner 2015 in the lucky draw and ushering roles.
- Assisting in the registration of participant for MIDAS Earthquake Design Seminar organized by IEM Sabah on 22nd March 2016.
- Representing IEM Sabah in the Inter Professional Bodies Games 2016.
- Meeting and gathering on 22nd March 2016 and 13th May 2016.
- Participated and assisting in mending the IEM Sabah booth for the Seminar Bijak Tenaga organized by Energy Commission on 11th May 2016.
- WE Berbuka Puasa on 21st June 2016
- WE Team Building on 8th and 9th October 2016 at Ipoh Perak

16.3.15 21.3.16 IEM Sabah Branch had also participated in numerous meetings with governmental and non-governmental departments. These meetings are intended to assist in the development of the nation vis a vis which are able to ensure engineers and the engineering profession plays an important role in nation building. Among the meetings included:

DBKK

- DBKK Traffic Technical Sub-Committee Meeting
- DBKK High Risk Development Technical Sub-Committee Meeting
- DBKK Mesyuarat Untuk Membincangkan Earthquake Resistant Buildings di Negeri Sabah
- DBKK Technical Committee Meeting on Earthquake Resistance Requirement in Building Design

MLGH

- Mesyuarat Cadangan Menganjurkan Dialog Gempa Bumi

JKR Sabah

- Sabah Road Day Conference and Exhibition 2016 Organising Committee meeting

Majlis Daerah Penampang

- Mesyuarat Jawatankuasa Adhoc Traffic Site Plan (T.S.P) dan Traffic Impact Assessment (T.I.A)
- Mesyuarat Jawatankuasa 'High Risk Committee'

16.4 **Sarawak Branch**

16.4.1 Ir. Tang Chok Khing, Vincent was elected as Branch Chairman for session 2016/2017. The membership of the Branch was recorded as 2,936 with 31 Fellow, 1 Senior Member, 648 Members, 5 Companions, 591 Graduate Members, 2 Associate Members, 3 Incorporated Members and 1,655 Student Members.

16.4.2 The Branch held its 48th Annual General Meeting on 18th June 2016 at M Hotels, Hock Lee Centre, Kuching and a total **230** members attended the meeting.

16.4.3 The Branch reported that during the session, it had actively organised the following activities:

- |                |  |
|----------------|--|
| 6.1.2016       | Seminar on Sustainable Future Through Timber Design & Construction According to Eurocode 5 co-organised with UiTM, IIESM, MTIB & JKR. The main speaker was Dr. Simon Aicher. 54 participants attended the seminar.   |
| 30.1.2016      | IEM (Sarawak Branch) Annual Dinner 2016 with the theme: <i>E=MC2: Engineering night = Mystical Classical Celebration</i> . The Guest of Honour was Dato' Ir. Lim Chow Hock, President of The Institution of Engineers, Malaysia. 85 tables were sold.  |
| 20 - 21.1.2016 | Design, Protection and Sizing of Low Voltage Electrical Installations (Wiring) to IEE Wiring Regulations / BS 7671 / MS IEC (IEC) 60364 co-organized with IEM (Sarawak Branch) G & S & Electrical Engineering Technical Division of IEM (IEM-EETD). 9 participants attended the course conducted by Ir. Lim Kim Ten. |
| 22 - 25.2.2016 | Project Management Certification Course PMP® BOOT CAMP: The Success Path to be a Certified Project Management Professional co-organized with PMO ASIA SDN BHD. The speaker was Ir. Dr. Mui Kai Yin.  |
| 10.3.2016      | Introduction to Unmanned Laser Scanning co-organized with GPS Lands (M) Sdn Bhd & Sarawak Energy Berhad. The course was presented by Mr. Lim Chor Sheng and it attracted 16 participants.  |
| 14 - 15.3.2016 | BEM Safety & Health at Work organized by IEM Training Centre Sdn Bhd. The course attended by 42 participants was conducted by Mr. Zamri Sahari.  |





- 29.3.2016 One-Day Seminar on The Latest Paving Technologies for Road Construction and Maintenance in Malaysia co- organized with IEM (Sarawak Branch) G&S Section & Wirtgen (M) Sdn Bhd. The seminar presented by Ir. Pok Sum Loong attracted 34 participants.
- 4 - 5.4.2016 BEM Code of Ethics/Regulations co-organized with IEM Training Centre Sdn Bhd. The course presented by Mr. Muthusamy attracted 47 participants.
- 20.4.2016 Introduction to New JKR Design Guidelines of Low Volume Rural Road co-organized with Jabatan Kerja Raya Sarawak. 63 participants attended the event presented by Mr. Wawan Gunawan, Ms. Sinibong Mary Rukong & Ir. Imelda Jelani.
- 3 - 5.5.2016 Distribution Substation Design Course co-organized with Sarawak Energy Berhad. 8 participants from IEM Sarawak Branch attended the course. The speaker was Ir. Thum Peng Chew.
- 12 - 13.5.2016 BEM Engineering Management Practice co – organized with IEM Training Centre Sdn Bhd. The course presented by Cdr. (Rtd) Raymond Swa attracted 55 participants.
- 16 - 18.5.2016 Power System Protection Course co-organized with Sarawak Energy Berhad. 6 participants from IEM Sarawak attended the course presented by Ir. Lee Chong Kiow.
- 24.5.2016 Fire Safety Engineering Approach for Modern City Design Seminar 2016 co-organized with Jabatan Bomba dan Penyelamat Malaysia Negeri Sarawak. Speakers were Mr. Tay Hao Giang, Ar Chee Soo Teng & Ir. Wong See Foong.
- 6 - 7.6.2016 Project Management Foundation & Practices *“The Essential Skills To Ensure Project Success!”* co-organized with PMO Asia Sdn Bhd. 24 participants attended the course conducted by Ir. Dr. Mui Kai Yin.
- 20 & 21.6.2016 BEM Safety & Health at Work organized by IEM Training Centre Sdn Bhd. The course conducted by Mr. Zamri Sahari attracted 30 participants.
- 12.6.2016 Steel Structures Symposium 2016: Steel Structures & Seismic co-organized with Malaysia Cold-formed Steel Institute. The speakers were Associate Professor George Charles Clifton, Professor Emad Gad, Mr. James Lim & Associate Professor Nelson Lam
- 18.6.2016 48th Annual General Meeting & Technical Talk On Systematic Approach For Effective Project Risk Management at M Hotels, Hock Lee Centre, Kuching. 230 members attended the AGM.
- 19 - 20.7.2016 IEM Professional Interview Training and Certification Workshop co-organised with the Ad Hoc Committee on Revised PI Process & Professional Interview Board, IEM. 38 participants attended the workshop conducted by Ir. Lee Boon Chong and Ir. Tu Yong Eng.
- 20.7.2016 Half- Day Awareness Programme Talk on Revise of the Professional Interview Process co-organised with the Ad Hoc Committee on Revised PI Process & Professional Interview Board, IEM. The workshop conducted by Ir. Lee Boon Chong and Ir. Tu Yong Eng attracted 25 participants.
- 27 - 29.7.2016 Analysis, Selection and Specification of Indoor MV Distribution Switchgear co-organized with Sarawak Energy Berhad. Only one participant from IEM Sarawak attended the course conducted by Ir. Thum Peng Chew.
- 8 - 9.8.2016 BEM Engineering Management Practice co-organized with IEM Training Centre Sdn Bhd. 50 participants attended the course conducted by Cdr. (Rtd) Raymond Swa.
- 16 - 18.8.2016 Design and Practice of Earthing Course co-organized with Sarawak Energy Berhad with speaker Ir. Thum Peng Chew. 4 members from IEM Sarawak attended.
- 23 - 26.8.2016 Project Management Certification Course PMP® Boot Camp: The Success path to be a Certified Project Management co-organized with PMO Asia Sdn Bhd. The speaker was Ir. Dr. Mui Kai Yin and the course was attended by 3 participants.
- 1.9.2016 One-Day Seminar on “The efficient and effective way of laying and compacting a flexible pavement that is compliance to the standard specification for road works” co-organized with IEM (Sarawak Branch), Lebuhraya Borneo Utara Sdn Bhd & Wirtgen (M) Sdn Bhd. 40 participants attended the seminar conducted by Ir. Pok Sum Loong.



- 20 - 22.9.2016 Electrical Power Distribution System Course co-organized with Sarawak Energy Berhad. 1 participant from IEM Sarawak attended the course conducted by Ir. Thum Peng Chew.
- 11 - 13.10.2016 EHV Substation – The Critical Factors Course co-organized with Sarawak Energy Berhad. 2 participants from IEM Sarawak attended the course conducted by Ir. Thum Peng Chew.
- 17 - 18.10.2016 BEM Safety & Health at Work organized by IEM Training Centre Sdn Bhd with speaker Mr. Saharani. 26 participants attended.
- 21.10.2016 Rapid Load Testing (RLT), & Recent Advancements in Geotechnical Instrumentation co organised with Geonamics (M) Sdn. Bhd. 63 participants attended the event. The speakers were Assoc. Prof Er. Dr. Chew Soon Hoe, Dato' Ir. Chuah Lam Siang, Dr Tan Czha Yheaw, Mr. Eric Hoe and Mr Anthony.
- 24.10.2016 Pre-conference workshop on Introduction to Eurocode Design: Reinforced Concrete co-organized with UNIMAS. The speaker was Ir. Mohamad Salleh Yassin.
- 25.10.2016 Pre-Conference Workshop on Introduction to Eurocode Design: Structural Steel Design co-organized with UNIMAS. The speaker was Assoc Prof Dr. Ahmad Baharuddin Bin Abd. Rahman
- 26 - 27.10.2016 International UNIMAS STEM Engineering Conference (EnCon) 2016 co-organized with UNIMAS. The speakers were Ir. Dr Zuhairi Abd Hamid, Prof Dr Azlan Bin Adnan & Y.Bhg. Prof. Dato' Ir. Dr. Mohd Saleh Jaafar
- 2 - 3.11.2016 BEM Code of Ethics/Regulations co-organised with IEM Training Centre Sdn Bhd. 36 participants attended the course conducted by Ir. Ellias Saidin.
- 7 - 10.11.2016 Project Management Certification Course PMP® Boot Camp: The Success Path to be a Certified Project Management Professional co-organized with PMO ASIA SDN BHD. Ir. Dr. Mui Kai Yin was the speaker. 2 participants attended the Boot Camp.
- 15 - 17.11.2016 Advanced Gas Insulated Switchgear co-organized with Sarawak Energy Berhad with speaker Mr. Miklos Ecseri. 1 member from IEM Sarawak attended the course.
- 16.11.2016 Lightning Protection MS IEC 62305 (1 – 4) and MS IEC 61643 – 12) co organised with Electrical Engineering Technical Division, IEM & Wise Pro Sdn Bhd. 16 participants attended the course with speakers Mr. Jeffrey Ng, Mr. Kenny Ong, Mr. SF Ng & Mr. Ritesh Lutchman.
- 17.11.2016 Automatic Transfer Switch MS IEC 60947 (6 – 1) & Capacitors MS IEC 60831 (1 – 2) co-organised with Electrical Engineering Technical Division, IEM & Wise Pro Sdn Bhd. The speakers were Mr. Jeffrey Ng, Mr. Kenny Ong, Mr. SF Ng & Mr. Ritesh Lutchman. 6 participants attended the course.
- 30.11.2016 Drainage Design for Sarawak to Comply with the Requirements of the Second Edition of the Urban Stormwater Management Manual for Malaysia (MSMA2)" co-organized with Dr. Quek & Associates. The speaker was Ir. Dr. Quek Keng Hong. 21 participants attended the event.
- 6 - 7.12.2016 BEM Engineering Management Practice co- organized with IEM Training Centre Sdn Bhd. The speaker is Cdr. (Rtd) Raymond Swa and 26 participants attended.
- 21 - 22.12.2016 Project Management: Risk Management for Project Leaders co-organized with PMO Asia Sdn Bhd. The speaker was Ir. Dr. Mui Kai Yin and was attended by 17 participants.

## 16.5 Perak Branch

- 16.5.1 Ir. Lau Win Sang was elected Branch Chairman for session 2016/2017. As at 31 December 2016, the membership of the Branch was 2,957 with 1 Honorary Fellow, 18 Fellow Membership, 335 Corporate Members, 626 Graduate Members, 5 Incorporated Members, 5 Associate Members and 1,967 Student Members.

During the session 2016/2017, nine (9) monthly committee meetings were held to look into the management and activities of the Branch.

- 16.5.2 There were twenty-seven (27) candidates assigned to the Branch for their Professional Interview (PI).



16.5.3 The Branch conducted the following activities for the session:

- 9.1.2016 Site Technical Visit to PMW Concrete Industries Sdn Bhd  
PMW Concrete Industries Sdn Bhd specialized in Prestressed Spun Concrete Poles and Piles as well as Precast Concrete Products with a wide range under one roof.
- 14.1.2016 Teleconferencing on “Future Trends & Technologies for Wastewater Treatment and Reuse: Activated Sludge Process, Membrane Bioreactor and Moving Bed Bioreactor”
- 18 - 19.3.2016 A 2 day IEM Professional Interview Training and Certification Workshop.
- 26.3.2016 32nd Annual General Meeting was held at the IEM Perak Branch, Bandar Cyber and attended by 73 members.
- 27.06.2015 Technical Seminar on “Advances in Geotechnical Practice”
- 26.3.2016 Teleconferencing on “Open Source Application for IT/IP Infrastructure
- 20.4.2016 Teleconferencing on “Ground Improvement Techniques for Reclamation”
- 22.4.2016 Teleconferencing on “Talk on Water Sensitive Urban Design – MSMA in Practice”
- 17.5.2016 Teleconferencing on “A Comparison of Various Green Building Rating Tools in Malaysia”
- 18.5.2016 Teleconferencing on “How to Form A Successful Engineering Team”
- 26.5.2016 YES, Annual General Meeting was held at IEM Perak Branch, Bandar Cyber, Ipoh
- 28.5.2016 Teleconferencing on “Civil Engineers role in Green Buildings”
- 13.7.2016 Teleconferencing on “Design & construction of Auger Cast Piling”
- 20.7.2016 YES, Bowling Tournament was held at Ipoh Parade, time 7.30pm to 9.30pm, RM30 per entry with 3 games.
- 13.8.2016 Teleconferencing on “Engineering Wonders & Technical Presentation: A Picture Speaks a Thousand Words”
- 24.8.2016 Optimizing the Indigenous Renewable Resources as the BEST OPTION for Sustainability. BIOGAS is one of the Option
- 22.10.2016 Palm Oil Mill Design Versus Latest Regulations and Compliances (DOE, JKPP, MPOB) cum Commercial Sustainability.
- 1.11.2016 ATS ME IEC 60947-6-1 Power Capacitors IEC 60831
- 11 - 12.11.2016 A 2 day IEM Professional Interview Training And Certification Workshop

## 16.6 Malacca Branch

- 16.6.1 Ir. Dr. Tan Chee Fai took over the chairmanship of the Branch at the 28th Annual General Meeting which was held at Perunding SPCE Sdn Bhd on 12th March 2016. The Branch membership was noted at 1,182. There are 11 Fellows, 154 Members, 3 Companions, 294 Graduate Members, 1 Incorporated Member, 1 Associate Member and 718 Student Members registered as at 31 December 2016.
- 16.6.2 The Branch Committee conducted a total of 7 committee meetings for the year 2016. The meetings were conducted as and when required, to discuss events or activities. For the year 2016, the Branch conducted the following activities:-
  - 12.3.2016 Forum on “Present Melaka Development & Conditions with JKR Melaka Director”
  - 11.5.2016 Bowling competition with participants of IEM student section from UTEM and MMU. 34 students participated.



- 14.5.2016 Seminar on “Coating with sustainability, Corrosion Protection, common Issue in Steel Truss & Metal Roofing, Roof Design and Rainwater Roof Drainage” co-organised with Technological Association Malaysia, Melaka Branch (TAM). 26 members participated.
- 28.5.2016 Seminar on “Lightning Protection Based on MS IEC Standards” presented by Mr. SF Ng and Mr. Ritesh Lutchman and co-organised with Technological Association Malaysia, Melaka Branch (TAM). 25 members participated.
- 29.7.2016 A 1½-Day IEM Professional Interview Training And Certification Workshop.
- 29.8.2016 Courtesy Visit to the Mentri Besar’s office arranged by IEM HQ. IEM Melaka Branch was represented by Ir. Ooi Kah Huat and Ir. Mohd Ariff.
- 30.9.2016 Half day Technical Visit to “CSC Steel Sdn. Bhd.” with technical presentation by Mr. Chai Ming Arng, Technical Service Manager, QA Department co-organised with Technological Association Malaysia, Melaka Branch (TAM). 27 participants attended the visit.
- 1.10.2016 Half day Forum on “Responsibility and Accountability of Stakeholder in the Construction Industry” and “Certificate of Completion and Compliance (CCC)” presented by Dato’ Ir. Fong Tian Yong. The event attended by 40 participants was co-organised with Technological Association Malaysia, Melaka Branch (TAM).
- 20.10.2016 One day Seminar on “Development in Green Technology” co-organised with Technological Association Malaysia, Melaka Branch (TAM). 27 participants attended.
- 5.11.2016 Half day Seminar on “Onduline Lightweight Roofing System Solutions” and “JET Plasform System” co-organised with Technological Association Malaysia, Melaka Branch (TAM). The event was attended by 32 participants.
- 16.6.3 The Branch actively represented IEM at various organisations and government agencies as follows:
- i. Mesyuarat Jawatankuasa Teknikal Lalu Lintas & Penganjukan represented by: Ir. Mohamed Salleh Bin Yunos & Ir. Othman Abdul Rahim
  - ii. Mesyuarat Penyelarasan Penganjuran Seminar Permohonan Kerja Pengorekan Jalan Di Negeri Melaka represented by: Ir. Mohamed Salleh Bin Yunos & Ir. Othman Abdul Rahim
  - iii. Mesyuarat Jawatankuasa Pengurusan Majlis Teknologi Hijau Di Negeri Melaka represented by: Ir. Mohd Ariff B. A. Karim
  - iv. MOU between MBMB & IEM + MPHTJ & IEM represented by: Ir. Ooi K.H.
- 16.7 **Negeri Sembilan Branch**
- 16.7.1 YBhg Dato. Ir. Hj. Zainurin bin Hj. Karman was elected as Branch Chairman for 2016/2017 session.
- 16.7.2 The membership of the Branch as at 31 December 2016 was at 1385 (Fellow Member 10,203 Corporate Member, 295 Graduate Member, 4 Incorporated Member, 4 Companion Member, 1 Affiliate Member and 868 Student Member).
- 16.7.3 The branch had successfully organised the following activities for the session under review:
- 13.01.2016 Briefing to become PI/PAE Interviewer – Guidelines and Assessment of PI/PAE Interview Process. The workshop was delivered by Prof. Ir. Dr. Abu Bakar bin Mahat with attendance of 8 participants.
- 27.01.2016 One Day Workshop: Centralized Air Conditioning System Part 3 – Psychrometry. The workshop was delivered by Ir. Mohd Hazzah Ahmad Siron with attendance of 9 participants.
- 25.02.2016 One Day Workshop: Centralized Air Conditioning System Design Basics. The workshop was delivered by Ir. Mohd Hazzah Ahmad Siron with attendance of 14 participants.
- 17.03.2016 Technical Visit: Tuanku Ja’afar Power Station Port Dickson. 8 members have participated in the technical visit.
- 26.03.2106 HI-TEA - Woman Engineers IEMNS. The HI TEA – WE was held successfully with 23 members attended and the presence of representative from WE HQ, Datin Nor Asiah Othman & Ir. Sharifah Azlina Raja Kamal Pasmah as a speaker.
- 24.05.2016 Technical Visit: Samsung Sdi Energy, Senawang  
11 members have participated in the technical visit.



- 28.05.2016 Half Day Workshop: Route To Become MIEM / P. Eng - Guidelines and Assessment of Professional Interview (PI/PAE). The workshop was delivered by Ir. Noorazizi bin Mohd Shamsuddin with attendance of 10 participants.
- 08.06.2016 Half Day Workshop: Route To Become Professional Engineers (PE) at Manipal University. The workshop was delivered by Prof. Ir. Dr. Abu Bakar bin Mahat with attendance of 19 participants.
- 02.08.2016 Technical Visit: Projek Membina Lingkaran Tengah (MRRS) Seremban Fasa 3B Bahagian 1, Persimpangan Sg. Ujong ke Persimpangan Jalan Labu. 14 members have participated in the technical visit.
- 10.09.2016 Half Day Workshop: Route To MIEM / PEng - Documentation and Reports for (PI/PAE). The workshop was delivered by Prof. Ir. Dr. Abu Bakar bin Mahat with attendance of 10 participants
- 05.10.2016 Half Day Workshop: Effective Energy Audit for Commercial & Industrial Buildings. The workshop was delivered by Ir. Gopinanth with attendance of 4 participants.
- 04.11.2016 – 05.11.2016 Two Day Workshop: IEM Professional Interview Training (Interviewer) And Certification Workshop. The workshop was delivered by Ir. Lee Boon Chong with attendance of 14 participants.
- 08.11.2016 One Day Workshop: Design, Installation & Maintenance Of Lift for Kementerian Kesihatan Malaysia. The workshop was delivered by Mr. Raghieb Fasih Azmi with attendance of 32 participants
- 24.11.2016 Technical Visit to KLIA2. 50 members have participated in the technical visit

16.7.4 During the year the Branch also conducted Professional Interviews. These were summary for the year 2016

No.	Discipline	Pass	Fail	Total
1.	Agricultural	0	0	0
2.	Civil	11	2	13
3.	Electrical	5	0	5
4.	Electronic	3	0	3
5.	Instrumentation & Control	1	0	1
6.	Manufacturing	1	0	1
7.	Mechanical	8	0	8
	<b>Total Candidate(s)</b>	<b>29</b>	<b>2</b>	<b>31</b>

#### 16.8 Miri Branch

16.8.1 Ir. Paul Chiew Lik Ing was elected as the Chairman for session 2016/2017 at the 17th AGM on 5 March 2016. Membership of the Branch as at 31 December 2016 was 14 Fellows, 82 Members, 2 Companions, 146 Graduate Members, 1 Incorporated Member, 1 Affiliate Member and 174 Student Member totaling 420.

#### 16.8.2 The Branch Committee

12 committee meetings were held in session 2016 - 2017 to manage the affairs of the Branch in accordance to the IEM Miri Branch Rules.

#### 16.8.3 Professional Interview

A total of nine (9) members were interviewed in 2016 (3 Mechanical, 6 Civil) for admission as Corporate Members of the Institution.

#### 16.8.4 Fellowship and Community Outreach

For the community outreach, the Branch focussed on member recruitment drive during the session and had approached several government agencies and local private companies, ie. JKR – Miri Divisional Office, Sarawak Energy Berhad, LAKU Management Sdn. Bhd., Dayang Enterprise Berhad, and Samling Group of Companies in Miri.

One of the major social outreach events was the IEM Miri Branch Dinner 2016 held at Mega Hotel, Miri on 5th March 2016. Subsequently, there was another Dialogue Session with IEM President, Dato' Ir. Lim Chow Hock on 2nd April 2016.

Other social events included Miri City Council's Car Free Day and Greed Ride at Marina Park, Miri, Appreciation Dinner for YES of IEM Miri, 1st Build and Race Competition (by YES), Curtin Open Day, Visit to Orphanage Miri – Rumah Anak Kesayangan Kami – Pujut Miri, etc.





### 16.8.6 Courses and Seminars

The Branch organised the following activities in 2016.

5.3.2016	Meeting	17th Annual General Meeting for IEM Miri Branch at Mega Hotel, Miri.
5.3.2016	Outreach	2016 Annual Dinner for IEM Miri Branch at Mega Hotel, Miri
18.3.2016	Meeting	Miri City Council (MCC)'s 1st Meeting on Car Free Day Program on 23 May 2016
21.3.2016	Technical Visit	Technical Visit to Bintulu Edible Oils and Tokoyuma Bintulu organized by IEM Young Engineers Section (YES)
2.4.2016	Outreach	Dialogue Session with IEM President, Dato' Ir. Lim Chow Hock at Imperial Palace Hotel, Miri
14.4.2016	Outreach	IEM Week Quiz by IEM Miri Student Section
16.4.2016	Technical Course/ Seminar	Engineer Your Career (EYC) 2016 by Young Engineer Section (YES) Miri
14.5.2016	Outreach	IEM Miri Appreciation Dinner for YES at Dynasty Hotel, Miri
16 - 17.5.2016	Technical Course/ Seminar	1.5 day IEM Professional Interview Training & Certification Workshop
17.5.2016	Technical Course/ Seminar	Awareness Programme Talk on Revised Professional Interview Process for Potential PI Candidates
19.5.2016	Recruitment Drive	Membership Recruitment Drive at Dayang Enterprise Bhd, Miri
21.5.2016	Meeting	Annual General Meeting (AGM) for IEM Curtin Student Section at Curtin University Miri
22.5.2016	Outreach	IEM Contribution and Participation at Miri City Council (MCC) Car Free Day And Green Ride at Marina Park, Miri
27.5.2016	Outreach	Ir. Paul Chiew, Chairman of IEM Miri represent IEM President, Ir. Tan Yean Chin to MMA Annual Banquet at Meritz Hotel, Miri
11.6.2016	Meeting	5th AGM for Young Engineer Section (YES) of IEM Miri Branch
15.6.2016	Courtesy Visit	Courtesy call on Miri Divisional Engineer & Sarawak Northern Regional Manager (for major projects) Cum Membership Recruitment Drive at JKR Divisional Office, Miri
14 - 15.7.2016	Technical Course/ Seminar	API RP 571 Damage Mechanisms Affecting Fixed Equipment in the Refining Industry
28.7.2016	Newsletter	Release of Engineer's Newsletter Volume No. 2 – July Issue
28 - 31.7.2016	Conference	IEM Miri YES Attended National Summit 2016 at Kuching
10.8.2016	Recruitment Drive	Membership Recruitment Drive at Samling Group, Miri

### 16.9 Kedah/Perlis Branch

16.9.1 Ir. Prof. Dr. Haji Rezuwan bin Haji Kamaruddin was elected as Chairman for the session 2016/2017. As at 31 December 2016, the membership of the Branch was 2,118.

#### 16.9.2 Activities and Projects

The Branch organized the following activities for the session 2015/2016:

25.1.2016	Half day Technical Visit to Menara Sada, Alor Setar
29.5.2016	Tea Talk and AGM IEM Kedah-Perlis.
8.9.2016	Half day Technical Visit to IPD Alor Setar
24.11.2016	Half Day PEDU Dam (Rehabilitation Work) MADA, Pedu.
8.12.2016	Evening Talk – Lightning Protection Surge and Grounding: A Case Study.

### 16.10 Terengganu Branch

16.10.1 Ir. Ateem bin Sulong was re-elected as Chairman of the Branch for the Session 2016/2017. As at 31 December 2016, the membership of the Branch was 1,295 with 6 Fellows, 136 Members, 5 Companions, 199 Graduate Members, 1 Incorporated Member and 948 Student Members.

### 16.11 Kelantan Branch

16.11.1 Ir. Mohd Zaim bin Abd Hamid was elected as the Chairman of the Branch for Session 2016/2017. The membership of the Branch is 1,746 members comprising 4 Fellows, 79 Members, 194 Graduate Members, 1 Incorporated Member, 3 Companion and 1,481 Student Members as at 30 December 2016.

16.11.2 During the session, four (4) committee meetings were held to discuss and manage the affairs of the IEM Kelantan Branch.



16.11.3 During the active 2016/2017 session, the IEM Kelantan Branch Committee together with several organizations had organized numerous activities. These activities organized not only to attract engineers to become members of IEM but also to promote IEM as an organization that cares about the current issues and the welfare of the general public.

16.11.4 The following activities were held during the 2016/2017 session :-

23.4.2016 **Design and Construction of Low Weir Across Sungai Kelantan: Technical Talk and Visit**

Weir is a low wall or dam built across a stream or river to raise the level of water or to change the direction of its flow. The design and construction of the low weir combine three major disciplines of engineering; civil, mechanical and electrical. The objective program is to introduce and familiarize the participant to the design, construction, problem and solution of the low weir.

14.5.2016 **Design and Construction of Low Weir Across Sungai Kelantan: Technical Talk and Visit (2nd Visit)**

Weir is a low wall or dam built across a stream or river to raise the level of water or to change the direction of its flow. The design and construction of the low weir combine three major disciplines of engineering; civil, mechanical and electrical. The objective program is to introduce and familiarize the participant to the design, construction, problem and solution of the low weir.

10.8.2016 **Briefing Session On The Acquisition Of Land By TNB Kelantan**

This briefing is to refresh and elaborate to all consultant and developer on the land acquisition process and way leave. It also intended to inform about reformation in the documents that must be submitted by consultant or developer to TNB.

28.8.2016 **Half Day Workshop: Route to Become a PE**

This program is co-organized by JKR Kelantan was successfully conducted with 19 participants from IEM and 64 participants from JKR Kelantan. On average, participants were satisfied with the course of events. Participants hope this program will be held more frequently to give more understanding to young engineers who want to apply to become a professional engineer.

15 - 17.11.2016 **CPM Workshop (Critical Path Method) And Microsoft Project 2010**

This is a co-organized program between IEM Kelantan Branch and Perunding Zaki Consultant. The objective program were to give a clear understanding of CPM (Critical Path Method), methods and principles and to expose participants to the use of CPM software which is Microsoft Project.

26.11.2016 **IEM PI Training and Certification Workshop**

This workshop is a 1 and half days program and it is a series tour of IEM HQ to IEM State branches. The objective of the program is to give understanding to the interviewer and future interviewer of IEM regarding professional interview's format that has been improved. Workshop was held in Seminar Room at Politeknik Kota Bharu. Ir Lee Boon Chong was a presenter representative of the IEM HQ as he has years of experience as an interviewer for IEM HQ. It is hoped that the improvement of the format for professional interview will produce more qualified, professional and competent engineer in the future.

12.2.2017 **Seminar: Kursus Patuh Syariah dalam Sektor Pembinaan**

This program is co-organized between IEM Kelantan and Bank Muamalat Malaysia Berhad (BMMB). The objective of the program is to give an overview of an Islamic perspectives in construction's sector. Seminar will be presented by Ustaz Hafiz Hj. Fauzi from BMMB.

14.2.2017 **Seminar: The Efficient and Effective Way of Laying and Compacting a Flexible Pavement That is Compliance to the Standard Specification for Road Works**

This program is co-organized by IEM Kelantan, Public Work Department Malaysia (JKR) and Wirthgen Group (M) Sdn. Bhd. The objective of the program is to give a clear understanding about Multiplex System and Polymer Modify Bitumen (PMB). Seminar will be delivered by Ir. Pok Sum Loong, Philippe Druot and Mr Nicholas Tan.

16.12 **Pahang Branch**

16.12.1 The Branch had their 5th AGM on 14 May 2016 at the IEM Pahang Office, Medan Warisan, Kuantan, Pahang. Dato' Ir. Abdul Jalil bin Mohamad was re-elected as the Chairman of the Branch for the session 2016/2017.

16.12.2 The membership of the Branch as at 31 December 2016 was 1,452 members comprising 6 Fellows, 130 Members, 1 Companion, 275 Graduate Members, 1,036 Student Members, 2 Associate Members, 1 Affiliate Member and 1 Incorporated Member.



16.12.3 The Branch conducted the following activities during the second session 2016/2017:

- 09 & 10.03.2016 **BEM Mandatory Course Module B : Code of Ethics / Regulation**  
IEM Pahang organized 2 days BEM Mandatory Course Modul B : Code of Ethics at IEM Pahang Office. The course was conducted by Ir. Ahmad Kamal Kunji, Ir. Roslan Abd Azis, Ir. Ab Rahman Hashim and Ir. Harzah Masni Ramli.
- 09.03.2016 **Route To Professional Engineer**  
Organized by Women Engineer at Universiti Malaysia Pahang, Gambang and attended by UMP students. The speaker was Ir. Harzah Masni Ramli.
- 15.03.2016 **IEM Pahang Meeting**  
It was attended by IEM Pahang and YES Pahang Committees at IEM Pahang's Office.
- 23.03.2016 **Halfday TNB Seminar**  
Organized by IEM Pahang Eelectrical Committee at POLISAS and attended by POLISAS Electrical students. The speakers was Ir. Kamal Azman Abdul Aziz, Ir. Parameswary Alagan and Pn. Zaliza Zanil from Tenaga Nasional Berhad, Pahang.
- 23 & 24.02.2016 **OSH Conference "Shaping The Future of OSH Excellence"**  
Kolej Yayasan Pahang together with IEM Pahang organized 2-Day Seminar on OSH Conference at Gambang City. It was conducted by Ir. Mohd Hatta A. Bakar From Petronas, En. Mohd Anuar Embi and En. Sufian Abdul Lajak from DOSH, Pn. Suhaily Amran from NIOSH, Dr. Ahmad Ikhwan Shah Akhtar Ali, En. Sazali Che Mat, En. Mahayuddin Abdullah and En. Ohd Fuad Kamal Ariffin from Coo Smart Tunnel.
- 01.04.2016 **IEM Membership Drive & Route To Be Professional Engineer – POLISAS**  
IEM Membership Drive & Route to be Professional Engineer were delivered by Ir. Ahmad Kamal Kunji, Ir. Harzah Masni Ramli, and Ir. Muhammad Firdaus Kamaruddin at Politeknik Sultan Ahmad Shah, POLISAS.
- 09.04.2016 **Rotary Club Medical Camp**  
Supported by YES Pahang and HTAA Medical Team and was held at Kg. Sena Nenasi, Pahang. It was participated by orang kampung Sena, Nenasi.
- 12 & 13.04.2016 **The IEM Professional Interview Training & Certification Workshop For Examiner And Candidate**  
It was organized by IEM Pahang at IEM Pahang's office. The speaker was Ir. Lee Boon Chong from IEM Hq.
- 14.05.2016 **5th Annual General Meeting (AGM IEM Pahang)**  
The 5th AGM of IEM Pahang Branch was held at IEM Pahang Office. It was attended by IEM Members & IEM UMP Student Members.
- 14.05.2016 **IEM Pahang - 2016 Engineering Night Gala Dinner**  
The Engineer Night Gala Dinner was held at The Zenith Hotel, Kuantan. The Honorary guest was Dato' Seri Diraja, Menteri Besar Pahang.
- 25.08.2016 **Industrial Talk & IEM Student Membership Drive**  
The talk delivered by Ir. Harzah Masni Ramli at Kolej Yayasan Pahang (KYP) and attended by 30 participants.
- 30.08.2016 **IEM Membership Drive & Route To Be Professional Engineer – UMP Gambang**  
IEM Membership Drive & Route to be Professional Engineer were delivered by Ir. Ahmad Kamal Kunji, and Ir. Harzah Masni Ramli at UMP Gambang.
- 14.09.2016 **Engineering Ethics & Professionalism**  
The talk was organised by Women Engineer and was delivered by Ir. Ahmad Kamal Kunji at UMP Gambang. It was attended by UMP's students.
- 19.09.2016 **Student Membership Drive at University Malaysia Pahang & Introduction to Engineer Future Career – Civil & Chemical Engineering**  
The membership drive and career talk were held at UMP Gambang. It was conducted by YES Pahang and IEM UMP Student Section and supported by IEM HQ team.



- 21.09.2016 **Project Construction : An Overview organised By Women Engineer**  
The talk was conducted by Ir. Ahmad Kamal Kunji at UMP Gambang and participated by UMP's students.
- 05.10.2016 **Highway Seminar on Road Hierarchy Planning and Performance Assessment Methodology**  
The seminar was delivered by Prof. Dr. Othman Che Puan from UTM Skudai at The Zenith Hotel, Kuantan. It was attended by 40 participants.
- 06.10.2016 **IEM Pahang Meeting**  
It was attended by IEM Pahang and YES Pahang Committees at IEM Pahang's Office.
- 16.10.2016 **Seminar on Piled Foundation Design**  
The talk delivered by Ir. Ahmad Kamal Kunji at UMP Gambang and participated by UMP's students.
- 22.10.2016 **IEM Pahang Bowling Tournament**  
YES Pahang organised Bowling tournament at Megalanes, Berjaya Megamall, Kuantan and was participated by IEM's members.
- 05.11.2016 **Student Membership Drive at University Malaysia Pahang & Introduction to Engineer Future Career – Electrical, Mechanical & Manufacturing Engineering**  
The Membership Drive and Career talk were held at UMP Pekan. The speaker was conducted by Ir. Harzah Masni Ramli and Ir. Norbaiti Jarabee. It was conducted by YES Pahang and IEM UMP Student Section and supported by IEM
- 07.11.2016 **IEM Matlab Workshop**  
IEM Pahang Student Section conducted the workshop at UMP Gambang. The speakers were Dr. Abdulrahman Ahmed Al-Sewari and Dr. Taha Hussien Rassem from UMP.
- 30.11.2016 **IEM Membership Drive & Route To Be Professional Engineer – JKR Pahang**  
IEM Membership Drive & Route to be Professional Engineer were delivered by Ir. Ahmad Kamal Kunji, Ir. Ab Rahman Hashim and Ir. Harzah Masni Ramli at JKR Pahang. It was participated by 30 staffs from JKR Pahang.
- 30.11.2016 **Talk On Anticipation & Expectation In Engineering Profession**  
This talk was well delivered by Ir. Prof. Dr. Ramli Nazir from UTM Skudai at UMP Gambang and participated by UMP's students.
- 10.12.2016 **Seminar On Occupational Safety & Health**  
It was organised by IEM-UMP Student Chapter at UMP Gambang and attended by UMP's students. The speaker was from CIDB.

### 16.13 Young Engineers Section

16.13.1 Mr. Kok Jing Shun was appointed as the Chairman of Young Engineers Section for session 2016/2017 on 25th June 2016 at the IEM YES Annual General Meeting.

#### 16.13.2 Membership

The membership of the Section now stands at 29,385 members. The comparative figures for the last 3 years are as follows:

Grade	2014	2015	2016
Graduate	7,139	6,984	9,735
Student	9,907	17,777	19,650
	<b>17,046</b>	<b>24,761</b>	<b>29,385</b>

#### 16.13.3 Activities

The 46th Annual General Meeting for 2016 was held on 25 June 2016 at Armada Hotel, Petaling Jaya at 11:00am. A total of 25 members attended this meeting.



#### 16.13.4 Professional Development Portfolio

- In conjunction with its 46th Annual General Meeting, YES organised a talk on “Impact of Amended Registration of Engineers Act to Young Engineers” which was attended by 25 participants.
- YES in collaboration with Electrical Engineering Technical Division had organised a Technical Discussion for Young Engineering Students on How to Solve Today’s Engineering Problems with attendance of 12 participants.
- YES had organised a technical visit to Singapore on 26-28 February 2016 where they had visited several places related to engineering with attendance of 13 members.
- YES in collaboration with Electrical Engineering Technical Division organised a technical visit to Malaysia’s First Floating Solar System in Sepang on 18 August 2016 with attendance of 22 participants.
- YES in collaboration with Electrical Engineering Technical Division organised a Technical Visit to TNBR’s Algal CO2 Fixation Research Center & Pilot Scale Gasification Plant on 26 August 2016 with attendance of 12 participants.
- YES organised a 2 Day Course on Project Management for Operation & Maintenance Engineers on 9-10 March 2016 with the attendance of 26 participants.
- YES organised One Day Course on An Introduction to Earthquake Engineering Based on AS/NZS 1170 Part 5: Earthquake Actions – New Zealand on 25 July 2016 with attendance of 51 participants.
- YES organised 2 Day Course on Basic Project Management for Engineers on 7-8 November 2016 with attendance of 20 participants.
- IEM-SIEMENS STEM Competition 2016 was organised by YES in conjunction with IEM Engineering Week 2016 which was held at Taylor’s University Lakeside Campus, Petaling Jaya on 20 August 2016 with participation of 16 schools from Klang Valley. The event was officiated by YB Datuk Dr. Abu Bakar Bin Mohamad Diah, Deputy Minister of Science, Technology and Innovation (MOSTI).

#### 16.13.5 Social and Community Portfolio

- IEM YES Chinese New Year Gathering 2016 was held on 19th March 2016 at Bangunan Ingenieur, Petaling Jaya and attended by more than 60 members.
- IEM YES Annual Dinner 2016 was successfully organized on the 23rd July 2016 at EX8, Subang Jaya with “Sports” theme to mark the 46th year of YES since its first inception and was attended by more than 100 members including IEM President and Council Members.
- IEM YES Raya Gathering 2016 was successfully organized on the 2nd August 2016 at Bangunan Ingenieur, Petaling Jaya and attended by more than 60 members and secretariat.

#### 16.13.6 Publicity Portfolio

IEM YES continued to promote and update their blog. The new YES blog address <http://iemyes.blogspot.com> had been initiated more than a year ago. This blog is 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 “IEMYESannounce@yahoo.com”. YES also maintains and update news in IEM YES Facebook and Twitter.

#### 16.13.7 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 2016 are University of Malaya, UTAR, UiTM, and Nottingham University.

#### 16.13.8 Graduate Affairs Portfolio

The Graduate Affairs Portfolio focused more on the need of Graduate Members and had organized a series of talks and Professional Interview workshops. Several membership drives and workshops on Route to Professional Engineers had been conducted.

#### 16.13.9 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 National Summit 2016 & YES 5th Engineering Students National Summit was organized by IEM YES Sarawak. It was held on the 28th-31st July 2016 in Kuching, Sarawak. This event was a great success. More than 70 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.

10 members from IEM YES participated at the Young Engineers ASEAN Federation of Engineering Organizations (YEAFAEO) in Palawan, Philippines from 21st to 24th November 2016.

#### 16.14 Women Engineers Section

In accordance with clause 9 of Rules of the Women Engineers Section, the 33rd meeting held on 21st April 2016 unanimously agreed and confirmed the election of Ir. Dr. Leong Wai Yie as Chairman with Ir. Suhana bte Abd. Majid as Vice Chairman I and Y. Bhg Datin Sri Ir. Nor Asiah Binti Othman as Vice Chairman II for session 2016/2017. The prize giving ceremony of the Essay Writing Competition with the theme "Gender Equality" was also held on the same day.

The Section was awarded 2nd Runner Up for the 2016 IEM Presidential Award of Excellence, moving up from Most Improved Award in 2015. The Section will continue to play an active role in promoting and supporting women engineers.

In 2016, IEM WE Section has conducted motivational talks at schools and universities, encouraging students to choose engineering as a career. The IEM WE Section has also organised personal development talks and technical talks in IEM premises.

For international networking with other institutions, Ir. Dr. Leong attended the Philippines Women Engineers Summit 2016 from 23rd to 24th September 2016 and Asia Pacific Nation Networks (INWES-APNN) in Wellington, New Zealand from 18th to 19th August 2016. Ir Mah Siew Kien attended the INWES Europe Regional Conference in Munich, Germany from 4th to 6th November 2016. The Malaysian Conventions and Exhibitions Bureau (MyCEB) sponsored RM15 000.00 for both the trips. Ir. Jeyanthi and Ms. Kamila Abd Hamid represented Malaysia in the Young Women Scientists Camp, annual program by The Association of Korean Scientists and Engineers Woman (KWSE) from October 22nd to 23rd October 2016 at Deajeon, South Korea.

In conjunction with CAFEO34, IEM WE Section hosted WEAFAEO meeting on 22nd November 2016 that was attended by the women engineers from ASEAN countries.

IEM WE has championed JURUTERA APRIL 2016 bulletin with the theme "Strength in Diversity Women Engineers".

The activities of this Section is tabulated and summarised in the summary of events of this Annual Report.

### 17 TECHNICAL DIVISIONS

#### 17.1 Building Services Technical Division (BSTD)

17.1.1 Under provision 3.2 and 3.3 of the Rules, at the 297th Building Services Technical Division Committee meeting held on 14 June 2016, Ir. Wong Win Heng was unanimously elected as the new Chairman and Ir. Cha Hoong Kum as the Deputy Chairman for the session 2016/2017.

17.1.2 The Technical Division held its 30th Annual General Meeting in conjunction with a Pre-AGM Talk on "*Code Compliant Design and Performance based Design Smoke Control System – What Are Their Differences?*", presented by Ir. Tan Chew on 13th August 2016.

Sixty-seven (67) members attended the 30th AGM, while seventy-five (75) members attended the Pre-AGM Talk. At the 30th AGM, Ms Sofia Johari was elected as the Secretary / Treasurer and Ir. Wong Chu Loong as the Advisor for the term.

17.1.3 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.

17.1.4 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.

17.1.5 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 members of both organisations and also collaborated with other companies in organizing talks for its members. 2016 has been a successful and active year for the Technical Division.

17.1.6 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.



## 17.2 Chemical Engineering Technical Division (CETD)

- 17.2.1 Ir. Dr Lee Tin Sin took over the chairmanship from Ir. Thayananthan Balakrishnan for the session 2016/2017 at the 30th Annual General Meeting held on 1st October 2016. Ir. Mohamad Anwar bin Ahmad was elected as the Deputy Chairman of the Division for the session. The position of Chairman and Deputy Chairman was elected at the 191st meeting of the Division held on 24th September 2016.

The AGM was attended by 50 members. Throughout Session 2015/2016, the division was active in organising various activities for its members.

- 17.2.2 Regular monthly committee meetings were held to plan for various activities. The activities of the technical division are given in the summary sheet.

- 17.2.3 The Division continued to organize the Malaysian Chem-E-Car Competition. On 8th and 9th April 2016, the 11th Malaysia Chem-E-Car Competition was held at Universiti Teknologi Malaysia with 252 participants forming 63 teams. The competition consisted of two categories, i.e. model car competition and poster competition. The winning team in the poster competition was "SPEKTRONICS" from Institute Teknologi Sepuluh Nopember, Indonesia while GRANDIOSE from Monash University Malaysia won the model car competition.

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.

- 17.2.4 IEM Chemical Engineering Design Competition 2015/2016 was organised for the fourth time by CETD, and had attracted a number of teams from institutions of higher learning nationwide. Eight teams were successfully shortlisted and participated in the Final Poster Presentation held on 28th May at Heriot-Watt University, Putrajaya. This annual event was granted sponsorship of RM 20,000 from Invensys, a process simulation company.

- 17.2.5 CETD also organised the 1st Junior Chem-E-car Competition 2016 together with Sekolah Kebangsaan Presint 18 (1) Putrajaya on 8th and 9th November 2016 at Perbadanan Putrajaya. The competition which 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 was held for the first time in Malaysia. The event was held successfully with participation from 23 teams including 2 teams from the Australia International School.

## 17.3 Civil and Structural Engineering Technical Division (CSETD)

- 17.3.1 Under provision 3.2 and 3.3 of the Rules, at the 254th Civil and Structural Engineering Technical Division (CSETD) Committee meeting held on 21st June 2016, Ir. Dr. Ng Soon Ching was unanimously elected as the new Chairman and Ir. Chong Chee Meng as the Deputy Chairman for the session 2016/2017. The meeting also unanimously agreed to appoint Ir. Hooi Wing Chuen as the Advisor for the new term.

- 17.3.2 The Technical Division held its 30th Annual General Meeting was held on 23rd July 2016 in conjunction with a Pre-AGM Talk on two topics namely "*BEM Guideline on the Role and Responsibility of Professional Engineers for Temporary Works during Construction*" by Ir. Tan Yean Chin and "*MS 1462 Metal Scaffolding - Mandatory under CIDB Act 520 (Amendments 2011)*" by Ir. Lee Kee Bau.

One Hundred Forty-Eight (148) members attended the AGM, while One Hundred and Sixty (160) members attended the Pre-AGM Talk. At the 30th AGM, Ir. Lo Seng Ling was elected as the Secretary / Treasurer for the term.

- 17.3.3 The Division continued to play an active 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.

- 17.3.4 Members of the Division continued served 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.

- 17.3.5 The Division fully supports the IEM-SIRIM Technical Committee on Earthquake chaired by Ir. Prof. Dr. Jeffrey Chiang Choong Luin, in continuing with the task of finalizing the Malaysian Standard for Earthquake Design under the auspices of the Department of Standards Malaysia. The drafting work is ongoing for the *Malaysian National Annex for Eurocode 8 : Design of structures for earthquake resistance - Part 1 : General rules, seismic action and rules for Building*.

The Draft had undergone public comment stage between 1 February to 15 April 2016. The National Consultation with various NGOs and Government Agencies was also held on 28 June 2016 in Shah Alam. The draft is currently being finalized under supervision of DSM and MOSTI, after the Sabah Stakeholders Meeting in Kota Kinabalu on 28 November 2016 chaired by YB Minister of MOSTI.

The Technical Committee on Earthquake has championed the Special Issue of JURUTERA JANUARY 2016 with the theme "*Public Safety in EARTHQUAKE Event*". The full background work and publications on the Draft NA to EC8 by the Technical Committee in international peer-reviewed journals and conference proceedings have been circulated widely among all interested stakeholders in industry, academia and government agencies.



- 17.3.6 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.
- 17.3.7 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 bulletin for the benefits 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.
- 17.4 Electrical Engineering Technical Division (EETD)**
- 17.4.1 At the 296th Committee Meeting held on 22nd April 2015 the Committee members present noted Ir. Yau Chau Fong the current chairman re-elected again for session 2016/2017 together with Ir. Chong Chew Fan as the Deputy Chairman for the 2016/2017 sessions.
- 17.4.2 The 31st Annual General Meeting of the Electrical Engineering Technical Division was held on 7th May 2016 (Saturday) at 11.00 a.m. - 1.00 pm at Tan Sri. Prof Chin Fung Kee Auditorium, Wisma IEM, Petaling Jaya, Selangor Darul Ehsan.
- En. Mohd Elmi Bin Anas & Ir. Shafie Bin Mohamed presented a Pre-AGM Talk on "Latest ST Updates on Electricity Supply Act & Regulation & Route to ST Competent Engineer & Service Engineer" In conjunction with the AGM and this talk was attended by 145 members.
- 17.4.3 The EETD Committee members actively represent IEM at numerous meetings such as Working Groups, Technical Committee meetings organised by outside organisations, government and professional bodies sector such as Suruhanjaya Tenaga (ST), SIRIM Berhad, TEEAM, trainings and others.
- 17.4.4 The Division continues to organise various activities to the members such as 18 visits, 32 talks, 11 seminar/courses, 1 Symposium, 1 Competition and 2 Forums. Details of the activities organised were captured and highlighted in the summary sheets of this Annual Report 2016.
- 17.4.5 Dialogues have been organized for the first time with TEEAM, ST, TNB, Energy Institute Malaysia and IEEE.
- 17.4.6 The AFEO Energy Tour which gathered engineers and professionals from ASEAN countries was organized for the first time.
- 17.4.7 EETD chaired the AFEO Energy Working Group meeting at the 34th CAFEO at Palawan, The Philippines.
- 17.4.8 EETD has submitted/published 65 activity reports and articles at JURUTERA (Online or printed)
- 17.4.9 The IEM-Standards Malaysia Electrotechnical Symposium & Exhibition 2016 organised by EETD has managed to attract a total of 800 participants as well as gathering keynote speakers and guests from key electrical engineering bodies such as IEC, ST, Standards Malaysia and TNB.
- 17.5 Environmental Engineering Technical Division (ENETD)**
- 17.5.1 Ir. Santha Kumaran s/o Erusan @ Krishnan and Ir. Choo Chee Ming were re-elected as the Chairman and Deputy Chairman respectively for Session 2016/2017. The election was conducted during the 251st meeting of the Division held on 23 June 2016 which was also the last meeting for the session.
- 17.5.2 The 24th Annual General Meeting of the Division held on 30 July 2016 was attended by 85 members. In conjunction with the AGM, a talk entitled "Gas-phase Advanced Oxidation for Control of Air Pollution" by Prof Matthew S. Johnson was held which attracted 82 members.
- 17.5.3 The activities of the Division are highlighted in the summary sheet of this Annual Report.
- 17.5.4 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.
- 17.6 Geotechnical Engineering Technical Division (GETD)**
- 17.6.1 Under the provisions of 3.2 and 3.3 of the Rules of the Division's and at the 12th Committee Meeting held on 13th June 2016, the members present had unanimously agreed to re-elect Ir. Yee Thien Seng as Chairman and Ir. Lee Peir Tien, Deputy Chairman respectively for the new GETD Session of 2016/2017.
- 17.6.2 The Technical Division held its regular monthly meetings on every second Monday of the month to discuss matters pertaining to geotechnical engineering practices.
- 17.6.3 As at 13th June 2016, the membership of the Geotechnical Engineering Technical Division had increased from 1,076 members to 1,227 members.



- 17.6.4 The 27th Annual General Meeting of the Division was held on 18th June 2016 and attended by 131 Members. A pre-AGM Talk on “Reinforced Soil Structures: Performance under Extreme Loading Conditions” was presented by Mr. Michael J. Dobie in conjunction with the AGM.
- 17.6.5 The Committee held a total of 12 monthly meetings to plan, discuss and co-ordinate the implementation of the various activities during the session. The meetings were held at the Bangunan Ingenieur, Petaling Jaya, Selangor.
- 17.6.6 For the year 2016, the Division position is at 4th Pacing for the IEM Presidential Award of Excellence. The Division managed to achieve top score in organizing technical talks and seminars. The Division will continue to invite prominent speakers to share their knowledge with the members.
- 17.6.7 With the diligent efforts from the Division, a total of 12 Talks, 5 Technical Visits and 11 Paid Activities were organized during the session. The activities of the Division are highlighted in the summary sheet of this Annual Report.
- 17.6.8 The Division organised the 19th Southeast Asian Geotechnical Conference & 2nd Association of Geotechnical Societies in Southeast Asia Conference held in Kuala Lumpur from 31 May to 3 June 2016.
- 17.6.9 The Division extended its collaboration with the followings and had jointly organized few activities:
- a) regional societies such as the Malaysian Geotechnical Society (MGS) and Malaysian Site Investigators Association (MSIA),
  - b) Technical Divisions of IEM such as Engineering Education Technical Division, Environmental Engineering Technical Division, Tunneling and Underground Space Technical Division and Women Engineers Section.
  - c) IEM branches in Penang, Sarawak and Sabah.
- 17.6.10 The Division has fulfilled contributions to the SEAGS & AGSSEA Journal: Special Issue of Geotechnical Engineering - December 2016 on Malaysia.
- 17.6.11 Upcoming of GETD events in 2017:
1. Evening Talk on Comparison of Malaysian Practice (BS) versus EC7 on the Design of Driven Pile and Bored Pile Foundations under Axial Compression Load by Ir. Shafina binti Sabaruddin on 14 March 2017, Auditorium, Wisma IEM.
  2. Evening Talk on Comparison of Conventional Geotechnical Practice with EC7 and Malaysia National Annex for Design of Reinforced Concrete Gravity Retaining Wall on 5 April 2017, Auditorium, Wisma IEM.
  3. 2-Day Short Course on Ground Improvement and Reclamation by Prof. Dr Jie Han & Prof. Dr Chu Jian on 10 and 11 April 2017, PJ Hilton.
  4. 2-Day Short Course on Ground Improvement and Reclamation by Prof. Dr Jie Han & Prof. Dr Chu Jian on 12 and 13 April 2017, The Gurney Resort Hotel & Residences, Penang.
  5. GETD Annual General Meeting on 17 June 2017, Wisma IEM.
  6. Pre-AGM Technical Talk on 17 June 2017, Wisma IEM. To be arranged.
- 17.6.12 Other involvements by the Divisions towards the outside organisations were:
1. SIRIM: Working Group (WG) 1 on Section 4 to 9 of BS 5930:2015 (for Revision of MS 2038)
  2. SIRIM: Working Group (WG) 2 on Section 1 to 3, Section 10 and 11 of BS 5930:2015 (for Revision of MS 2038) – Chairman: Ir. Yee Thien Seng.  
Alternate representative: Ir. Balakrishnan ETTY Gaunder.
- 17.7 Highway and Transportation Engineering Technical Division (HTETD)**
- 17.7.1 At the 243rd Committee meeting held on 19th October 2016, the Committee Members present elected Ir. Richard Wong Chuen Fun and A/Prof. Ir. Dr. Khoo Hooi Ling as Chairman and Deputy Chairman respectively for session 2016/2017.
- 17.7.2 The Division held its 25th Annual General Meeting on 5th November 2016. A total of 70 members attended the AGM. Prior to that, 93 members attended the Talk On “Road Safety Audit (RSA) & traffic Management Plan (TMP) During Construction.
- 17.7.3 The Division continues to organise various activities to the members such as 2 visits, 5 talks, 3 seminar/course and 1 International Conference. Details of the activities organised were captured and highlighted in the summary sheets of this Annual Report 2016.
- 17.7.4 The Division continues its IEM Outdoors activities with 2 hiking trip to Hiking Trail to Lubuk Hantu and Hiking e to RAF B-24 Liberator (KL654R) Aircraft Crash Area - Gunung Telapak Buruk for the year 2016.
- 17.7.5 The Division had successfully initiated the signing of MOUs between MBPP/MPSP with the IEM. The activities of this Technical Division for the year were as usual closely supported by the Road Engineering Association of Malaysia (REAM), Transportation Science Society of Malaysia (TSSM), SIRIM, CIDB, MBPJ, and JKR.
- 17.8 Mechanical Engineering Technical Division (METD)**
- 17.8.1 Ir. Dr. Kannan M. Munisamy and Ir. Loo Chee Kin continue to serve as the Chairman and Deputy Chairman of the Division for 2nd year. They were re-elected to the posts at the 298th meeting of the Division held on 22 September 2016.





- 17.8.2 The 31st Annual General Meeting was held on 15 October 2016 and was attended by 82 members. A technical talk entitled "10 Things That You Should Know About Urban Railways (Metros)" presented by Ir. Ahmad Nizam Mohamed Amin, CEO of Rapid Rail Sdn Bhd was held prior to the AGM and was attended by 80 members.
- 17.8.3 The METD Networking Lunch was held conjunction with the AGM at Wisma IEM, to promote networking among the members.
- 17.8.4 The Division continued to play an active and vital role to serve the members of the IEM. The Division was awarded 1st Place and also the Best Technical Division in the Presidential Award of Excellence 2015 for the 10th consecutive year.
- 17.8.5 During the year, the Committee was active in organising various talks, courses and visits. For the year under review, the Division had carried out several activities with other local universities. The Division also championed the Jurutera Bulletin in August 2016 and published articles in line with the theme "Fluid Mechanics".
- 17.8.6 The Division also organized two major events to raise funds for the Wisma IEM Building Fund, namely:
- IEM 57th Annual Dinner held at Sunway Resort Hotel & Spa on 16 April 2016 which raised RM263,507.22; and
  - IEM Fund Raising Golf 2016 held at Bangi Golf Resort on 21st September 2016 which raised RM17,078.55. 69 golfers took part in the event.
- 17.8.7 The Division successfully organised the 15th Asian Congress of Fluid Mechanics at Pullman Hotel in Kuching, Sarawak on 21-23 November 2016. 126 participants participated in the conference of which more than 80 were international participants. The event was held in collaboration with the Sarawak Convention Bureau and supported by the Centre for Fluid Dynamics, UNITEN and Multimedia University.
- 17.8.8 The Division also represented IEM in undertaking the IEM-CIDB Engineering Career Fair from 11-13 April 2016 at KLCC in conjunction with the International Construction Week 2016. During the career fair, the Division arranged for the following programme to be organised:
- Forum on Construction Transformation with the Presidents of IEM, RISM, PAM, MBAM as well as the CEO of CIDB as speakers.
  - IEM METD Design Competition - more than 100 engineering students from all the Malaysian Institutions of Higher Learning were given a chance to pitch their innovative ideas focused on "construction mechanization for productivity
- 17.8.9 The Division collaborated with United Business Media in the "ASEAN M&E Show" from 23-25 May 2016. Two seminars were organised by METD supported by EETD and BSTD during the M&E Show. Topics discussed included Green and Sustainable Energy, Development in Code and Standards, M&E Infrastructure, REVAC etc.
- 17.8.10 In 2016, the Division actively assisted IEM in preparing press statements on various issues of national interest such as "Conduct Safety Awareness Courses" and "Midvalley mall gas explosion – safety and prevention measures necessary".
- 17.8.11 The Division had been actively participating in external programmes and activities with both non-government organisation and government department such as SIRIM, Board of Engineers etc.
- 17.8.12 The activities organised by the Division in this session are listed in the summary sheet of this Annual Report.
- 17.9 **Oil, Gas and Mining Technical Division (OGMTD)**
- 17.9.1 Ir. Mohd Azwira Bin Mohd Azmi and Ir. Roznan Abdul Rashid were elected as Chairman and Deputy Chairman of the Division respectively during the 244th meeting of the Division held on the 12th November 2016. Ir. Ahmad Rafidi Mohayiddin continued to serve as the Advisor of the Technical Division for Session 2016/2017.
- 17.9.2 The 26th Annual General Meeting was held on the 17th December 2016 and was attended by 53 members. A talk on "Medical Gas Piping System – Requirement and Management" by Ir. Al-Khairi Mohd Daud was held prior to the AGM and attended by 65 members.
- 17.9.3 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, Academic Institution and Oil and Gas Consultancy companies by engaging them in activities related to the Division.
- 17.9.4 As in the past, the Committee members also served actively in various activities relating to the division and other committees in the IEM.
- 17.9.5 A number of reports on talks, visits and courses were also published in the IEM Bulletin for the benefit of members. The Division had proudly championed the Jurutera Bulletin issues for four (4) consecutive years, the latest being for the November 2016 issue with the theme "Weathering the Oil Price Doldrums".
- 17.9.6 The summarised list of activities of the Oil, Gas, and Mining Technical Division is provided in the summary sheets for further reference.





### 17.10 Water Resources Technical Division (WRTD)

- 17.10.1 The 29th Annual General Meeting of the Division was held on 25th June 2016
- 17.10.2 On 2nd June 2016 at the 33rd Committee Meeting attended unanimously agreed to elect Dr. Wong Wai Sam to be the Chairman and Dato' Ir. Hj. Azmi bin Ismail will be the Deputy Chairman for the session 2016/2017. A total of 98 members were present at the AGM.
- 17.1.0.3 Datuk Ir. Abdul Kadir Mohd Din presented a Pre AGM Talk on "From Waste to Wealth" in conjunction with the AGM and this talk was attended by 91 members.
- 17.10.4 The Division continued to maintain good working relationships and rapport with governmental agencies and professional bodies by serving in their Technical Committees such as Jabatan Pengairan dan Saliran Malaysia (JPS), Jabatan Alam Sekitar, Akademi Sains Malaysia (ASM), Suruhanjaya Pengurusan Air Negara (SPAN) and the Kementerian Tenaga, Teknologi Hijau dan Air Malaysia (KeTTHA).
- 17.10.5 The Division continues to organise various activities to the members such as 3 visits, 8 talks, 1 seminar and courses. Details of the activities organised were captured and highlighted in the summary sheets of this Annual Report 2016.

### 17.11 Engineering Education Technical Division (E2TD)

- 17.11.1 Under provision 3.2 and 3.3 of the Rules, at the 168th Engineering Education Technical Division (E2TD) Committee meeting held on 19 July 2016, Ir. Assoc. Prof. Dr. Mandeep Singh was unanimously elected as the new Chairman and Ir. Dr. Shahruddin bin Muslimin as the Deputy Chairman for the session 2016/2017.
- 17.11.2 The Technical Division held its 20th Annual General Meeting in conjunction with a Pre-AGM Talk on "*The Need for Strong University-Industry Collaboration towards Meeting the Washington Accord Expectation for Graduates Outcomes*", presented by Prof. Dato' Ir. Dr. Abdul Wahab Mohammad on 6th August 2016.

Eighty-one (81) members attended the AGM, while seventy-four (74) members attended the Pre-AGM Talk. At the AGM, Ir. Assoc. Prof. Mohamed Thariq bin Haji Hameed Sultan was elected as the Secretary / Treasurer and Ir. Prof. Dr. Vinesh Thiruchelvm as the Advisor for the session.

- 17.11.3 The Division continued to maintain 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.
- 17.11.4 The Committee members were also involved in various activities related to the division, as IEM representative in CIDB and in various government agencies.
- 17.11.5 The Division as in the past continued the close rapport with Institution of Mechanical Engineers Malaysia Branch (IMEchE) and Engineers Australia Malaysia Chapter (EAM) in organising joint activities for members, and collaborated with universities in competitions, talks and awareness programmes especially on STEM for primary and secondary schools.
- 17.11.6 Its yearly activity of the Engineering Education Technical Division, the "Annual Essay Writing Competition" for 2016 was successfully participated with more than eighty (80) essays received from secondary schools. 2016 has been a successful and active year as the Technical Division jointly organized and supported more than 5 competitions at the universities.
- 17.11.7 The Division will continue to play an effective role in organising activities for members in education engineering. Numerous write-ups on evening talks/seminars were published in the IEM Bulletin 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.

### 17.12 Information and Communications Technology Special Interest Group (ICTSIG)

- 17.12.1 Ir. Chai Chen Sing was elected as Chairman and Ir. Phang Chee Man as Deputy Chairman respectively for the Session 2016/2017. The positions were elected at the 175th Committee meeting held on 20 February 2016.
- 17.12.2 The 18th Annual General Meeting of the Information and Communications Technology Special Interest Group was held on 5 March 2016 and was attended by 88 members. A Pre AGM Talk on "iBoSS - Moving BOMBA into the future" by Mr. Eddy Cheah Hock Seng attended by 97 members was organized prior to the AGM. The Division was pleased to place on record that once again the AGM of the Division was very well supported.
- 17.12.3 The activities of the Group are highlighted in the summary sheet of this Annual Report.

### 17.13 Agricultural and Food Engineering Technical Division (AFETD)

- 17.13.1 Ir. Yong Hong Liang and Ir. Vasan Mariappan continue to serve as the Chairman and Deputy Chairman of the Division for third year. They were re-elected for the post on 12 November 2016 at the 99th meeting of the Division. Ir. Assoc. Prof. Dr. Chin Nyuk Ling continued to be the Advisor of the Division for the 2016/2017 session.



- 17.13.2 The Technical Division held its 18th Annual General Meeting in conjunction with a talk on "Biogas Capture & Its Utilization" presented by Ir. Wan Wai Thong on 2 December 2016. 47 members attended the AGM while 51 members attended the talk.
- 17.13.3 The Committee members have been active in organizing evening talks, courses/seminars and visits. For session 2016/2017, 6 technical visits, 2 talks and 1 course had been conducted.
- 17.13.4 The Division held a total of 6 meetings in the session 2016/2017.
- 17.13.5 The activities of the Division are highlighted in the summary sheet of this Annual Report.
- 17.14 Tunnelling and Underground Space Engineering Technical Division (TUSTD)**
- 17.14.1 In accordance with provisions 3.2 and 3.3 of the Rules of the Division, the 130th meeting held on 23rd April 2016 unanimously elected Ir. Syed Rajah Hussain Shaib A.H. Mohd Hanif as Chairman and Ir. Khoo Chee Min as Deputy Chairman for the session 2016/2017.
- 17.14.2 The Division had maintained a leading role on promoting closer interaction and co-operation amongst the various professional groups. The Division also has a good working relationship with the International Tunneling Association (ITA). The Division has been the ITA Country Member for Malaysia.
- 17.14.3 The Division organized a Training Session "Risk Management in Tunneling" supported by Foundation for Education on Training on Tunneling and Underground Space (ITACET Foundation) and endorsed by Association International Des Tunnels (AITES) and International Tunneling and Underground Space Association (ITA). This training course was held at Auditorium Prof. Chin Fung Kee, Wisma IEM on 13 – 14 November 2016.
- 17.14.4 The Division had decided to bid for the World Tunnel Congress (WTC) 2020 event. The bid document had been submitted to ITA on 10 January 2017. The bid presentation will be held in June 2017 in Bergen, Norway.
- 17.14.5 As a contribution towards continuing education, the members of the Technical Division have been continuously submitting articles and reports to the Standing Committee on Information and Publications for publication in the IEM Jurutera.
- 17.14.6 The Committee members have been very active in organizing evening talks, courses/seminars and visits. For the 2016/2017 session, 5 courses/seminars, 3 technical visits and 6 talks had been conducted.
- 17.14.7 The activities of this Division is tabulated and summarised in the summary of events of this Annual Report.
- 17.15 Project Management Technical Division (PMTD)**
- 17.15.1 As provided for in clause 3.2 and 3.3 of the Rules of the Division, Ir. Dr. Ahmad Anuar B. Othman was re-elected as Chairman and Ir. Wong Khien Ngie as the Deputy Chairman for the Session 2016/2017 at the 122nd Committee meeting held on 19 July 2016.
- 17.15.2 The Division would also continue to maintain good relationship with governmental agencies, Professional Bodies, related institutions, organizations and academia especially PMIMY, MAPMA, JKR, JPS, SIRIM, CIDB, IVMM, PSDC, UTM, UNITEN, UTAR and UM.
- The Chairman, Ir. Dr. Ahmad Anuar B. Othman served as IEM representative in the Board of Engineers Malaysia (BEM) since August 2014. He also serves as Chairman of Quality Committee and Deputy Chairman of IT Committee in BEM since August 2015.
- 17.15.3 As contribution towards continuing education, the members of the Technical Division have been continuously submitting articles and reports for publication in the IEM Bulletin. The Division will be championing the April 2017 issue of the JURUTERA with the theme "Shaping the Future of Construction Project Management".
- 17.15.4 For the session 2016/2017, the Division had organised 10 courses/seminars, 3 technical visit and 10 talks.
- 17.15.5 The activities of the Division are highlighted in the summary sheet of this Annual Report
- 17.16 Electronic Engineering Technical Division (eETD)**
- 17.16.1 Ir. Bhuvendhara Rudrusamy and Ir. Assoc. Prof. Dr. Khor Jeen Ghee were elected as Chairman and Vice Chairman for 2016/2017 session respectively. Ir. Bernard Lim Kee Weng served as the Advisor.
- 17.16.2 Annual General Meeting of Electronic Engineering Technical Division was held on 16th July 2016 from 10.00am to 12.00pm at IEM Penang Secretariat. Seven (5) eETD executive meetings were held after the 7th Annual General Meeting to discuss and manage affairs of the Division.
- 17.16.3 The membership of this division was increased from 607 to 633 as of 22nd Feb 2017 comprises of 6 Fellows, 3 Senior Members, 169 Members, 11 Companions, 365 Graduate Members, 3 Incorporated Members, 4 Associate Members and 72 Student Members.



- 17.16.4 The Division has successfully organized 10 Technical Talks, 3 Technical Visits, 2 Workshops and 1 Technical Seminar. eETD has also co-organized Innovate Malaysia Design Competition 2016 and awarded IEM best paper presentation. In addition, eETD has supported IEEE conference and colloquium, and also has endorsed SEMICON SEA 2016 event. The details of the eETD activities are presented as follows:

Date	Title	Speaker / Location
12 Jan 16	Courtesy Visit to Penang Science Cluster (PSC), Penang	Georgetown, Penang
26 Jan 16	Future Trends in World Wide Web, Energy Networks, and Nanotechnology	Prof. Dame Wendy Hall, Dr. Martin D.B. Charlton, Prof. Paul L. Lewin
26 Jan 16	Industry Round Table	USM Campus, Penang
16 Mar 16	Trans-Pacific Partnership Agreement (UiTM, Penang)	Ir. Bhuvendhraa Rudrusamy
14 Apr 16	Technical Visit National Instruments	Bayan Lepas, Penang
21 Apr 16	InspireMe Talk	Ir. Prof. Academician Dato' Dr. Chuah Hean Teik
23 Apr 16	Drone Introduction	KAKI DIY
26 Apr 16	SEMICON SEA 2016	PISA, Penang
19 May 16	Artificial Intelligence (AI) for Games	Prof. Graham Kendall
19 May	Test Engineering	Mr. Sivarama Rukumangatha Rajah
8 - 9 Aug 16	Innovate Malaysia Design Competition (IMDC) 2016, Penang	Bayan Lepas, Penang
24 Aug 16	Technical Visit to Siltera Sdn Bhd	Kulim, Kedah
24 Sep 16	IEEE-eETD IEM Mini Colloquium	PSDC, Penang
12 Oct 16	Ethics & Professional Engineering Practice (USM Cornerstone Talk)	Ir. Bernard Lim Kee Weng
19 Oct 16	Globalization & Challenges Faced by Future Graduates/Engineers	Ir. Prof. Academician Dato' Dr. Chuah Hean Teik
9 - 10 Nov 16	IEEE-IMESS Conference	PSDC, Penang
24 Nov 16	Internet of Things (IoT)	Dr. Kenny Puah
8 Dec 16	InspireMe Talk	Prof. Raymond Ooi & Mr. Ooi Eng Han
8 Dec 16	How to Strive as an Engineer	Dr. Hari Narayanan
8 Dec 16	5G Communications & Its Test Challenges	Mr. David Cheng
15 Dec 16	VLSI Thermal Management with On-Chip Digital Temperature Sensors	Prof. Wai Tung Ng

- 17.16.5 eETD supported CAFEO 34th at Philippines and also presented a technical paper.

- 17.16.6 The Division continues to be based in Penang.

#### 17.17 Consulting Engineering Special Interest Group (CESIG)

- 17.17.1 Ir Yim Hon Wa and Ir. Dr Ng Kok Chiang continued their term as Chairman and Deputy Chairman for the Consulting Engineering Special Interest Group (CESIG) for session 2016/2017.

- 17.17.2 The 7th Annual General Meeting was held on 16th July 2016 and it was attended by 67 participants. Prior to the AGM, a talk on "Nuclear Education & Training and Construction of Nuclear Power Plants- Some Key Challenges and its impact on the Schedule & Cost of Construction" was presented by Dr Sheriffah Noor Khamseah Al-Idid binti Dato' Syed Ahmad Idid and it was attended by 79 participants.

- 17.17.3 The Committee Members continued to contribute talks, articles and reports for publication in the IEM Bulletin.

- 17.17.4 CESIG continues to have the services of the IEM Training Centre Sdn. Bhd. to facilitate events, workshops and seminars.

#### 17.18 Marine Engineering and Naval Architecture Technical Division (MNATD)

- 17.18.1 At the 5th Annual General Meeting of the Technical Division held on 28 May 2016, it was noted that Rear Admiral Dato' Pahlawan Ir. Hj. Jasan Ahpandi Bin Sulaiman and Ir. Nik Mohd Hasmizie bin Nik Mohd Kamil were elected as Chairman and Deputy Chairman for the Session 2016/2017. The re-election was made as per provision 3.2 and 3.3 of the Rules for the Technical Division during the 35th meeting of the Division held on 22nd April 2016,

- 17.18.2 A total of 73 members attended the Division's 5th AGM. Prior to that, 80 members attended the Pre-AGM talk on "Ship Energy Efficiency Management" presented by Mr. Mohammad Hanif Dewan.

- 17.18.3 The Division had been active for the session and had organized 4 technical talks, 1 course and 2 visits throughout the session.



17.18.4 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.

17.18.5 The Division had also championed IEM Jurutera for October 2016 with the theme "Engineering Ship-Shaped Fleet".

#### 17.19 Public Sector Engineers Special Interest Group (PSESIG)

17.19.1 Y.Bhg Datuk Ir. Lt. Kol. Kamarulzaman bin Zainal (Rtd) continued to serve as Chairman for the second consecutive year while Ir. Abu Hanifah Bin Haji Abdullah as the Deputy Chairman for Session 2016/2017.

17.19.2 The 4th Annual General Meeting held on 27 August 2016 was attended by 48 participants. In conjunction with the 4th Annual General Meeting, a talk entitled "National Policy on Science, Technology & Innovation and R&D Funding's" by Dr Sang Yew Ngin and Puan Nordina Idris was held which attracted 52 members.

17.19.3 The activities of the SIG had been tabulated in chronological order in the summary sheets of the Annual Report.

#### 17.20 Seniors Special Interest Group (SSIG)

17.20.1 Under provision 3.2 and 3.3 of the Rules of the Group, the 23rd Committee meeting held on 15 June 2016 unanimously agreed to re-elect Ir. Khor Hock Keat and Ir. Chong Kwet Hin as the Chairman and Deputy Chairman of the SIG respectively for the session 2016/2017.

17.20.2 The Committee members have organizing evening talks and visits. For the session 2016/2017, 5 talks and 2 visits were organised.

17.20.3 The activities organised by the SIG in this session are listed in the summary sheet of this Annual Report.

### 19 MANAGEMENT REVIEW COMMITTEE

19.1 This Committee continued to be chaired by the President, Ir. Tan Yean Chin 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 Surveillance Audit was successfully conducted on 16 June 2016. There were no NCRs issued but a few of OFIs were noted. IEM will look into upgrading the ISO certification to ISO 9001 : 2015 after the surveillance audit in 2017.

### 20 IEM TRAINING CENTRE SDN. BHD.

#### 20.1 Courses

IEM Training Centre Sdn. Bhd. continues to organise Continuing Professional Development (CPD) and Professional Development Programmes (PDP) for the benefits of engineers in particular IEM members. During the financial year ended 31 December 2016, a total of 169 IEM and BEM courses, seminars and conference were successfully organized.

#### 20.2 IEM Courses

A total of 6 courses were organised.

The breakdown on the courses for various disciplines are as follows:

<i>Disciplines</i>	<i>No of courses</i>
1. Project Management	2
2. Electrical	1
3. Soft skills	1
4. General	2

The above courses were all held in Klang Valley.

#### 20.3 BEM Courses

A total of 159 BEM courses were organized, out of which 10 were held in Kuching, 4 in Sabah and 4 in Penang.

#### 20.4 Event Management

IEM Training Centre Sdn Bhd was appointed by IEM Technical Divisions to manage the following events:-

No.	Event	IEM Technical Division
1.	Young GeoTechnical Engineering Conference (YGEC) – 30 May 2016	Geotechnical Engineering Technical Division
2.	19SEAGC & 2nd AGSSEA – 31 May to 3 June 2016	Geotechnical Engineering Technical Division
3.	3rd IGWE2016 – 4 & 5 October 2016	Consulting Engineering Special Interest Group
4.	15th ACFM (Exhibition) – 21-24 November 2016	Mechanical Engineering Technical Division



## 20.5 Financial Year

Total income for the financial year ended 31 December 2016 was RM2,837,099.88 and total expenditure was RM1,650,772.80 for the year's operation, the Centre recorded a pre-tax profit of RM1,186,327.08 .

## 21 IEM ACADEMY SDN BHD

During the financial year ended 31 December 2016, the following courses and seminars were successfully organized.

### 21.1 IEM Courses

#### MyCESMM Courses

Four courses were jointly organized with Subcommittee on Engineering Contracts under PPC on the following dates:-

- 29-30 March 2016 with 17 pax
- 24-25 May 2016 with 9 pax
- 24-25 October 2016 with 9 pax
- 20-21 December 2016 with 25 pax

#### BEM Professional Competency Examination Part A – Common Paper

This course was successfully held on 21-22 November 2016 with 19 pax

### 21.2 Online and Web Banner Advertisement and Newsletter Advertisement

For year 2016 the revenue income for Web Banner, Online and Newsletter advertisement is RM37,644.00.

Revenue for Web server hosting is RM18,000.00.

The operating cost of Web Banner for the year 2016 is RM55,999.92.

### 21.3 Event Management

A. IEM Academy had supported the following events managed by IEM Training Centre Sdn Bhd:-

- 19SEAGC & 2nd AGSSEA – 31 May to 3 June 2016 with share of Profit of RM173,947.52

B. IEM Academy Sdn Bhd was appointed by IEM Technical Divisions to manage the following events:

1	Short Course on Mitigation of Earthquake Damage from Ground Liquefaction and Early Warning Techniques for Mitigating Rainfall-Induced Slope Disaster by Prof. Ishihara – 29 May 2016 Share of Loss is RM1,329.00	Geotechnical Engineering Technical Division
2	One-day Short Course on Pressuremeter – 30 May 2016 Share of profit is RM3,167.84	Geotechnical Engineering Technical Division
3	Short course on Pile Foundation Analysis and Design by Prof. Harry Poulos – 3 June 2016 Share of Profit is RM5,734.36	Geotechnical Engineering Technical Division
4	2-Day Seminar on Tunnelling & Underground Space – 1 & 2 September 2016 Share of Profit is RM14,608.86	Tunneling & Underground Space Technical Division
5	2-day Training Session on Risk Management in Tunneling – 13 & 14 September 2016 Share of Loss RM11,691.47	Tunneling & Underground Space Technical Division
6	IEM-MSIA Joint Seminar on Geophysical Techniques and Experiences in Ground Engineering Applications – 29 November 2016 Share of Profit RM 10,002.61	Geotechnical Engineering Technical Division

### 21.4 Financial Year

Total income for the financial year ended 31 December 2016 was RM333,803.66 and total expenditure was RM279,016.68 for the year's operation. The Academy recorded a pre-tax profit of RM54,786.98.

**Ir. Tan Yeap Chin**  
President





NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
1	5 Jan	5.30pm - 7.30pm	Mechanical	Talk	Computational Fluid Dynamics (CFD) and Research Opportunities	24	2	
2	7 Jan	8.00am - 6.00pm	Geotechnical	Seminar	One Day Seminar on Jacked-in Piles: Good Practices and Applications	120	7	
3	9 Jan	9.00am - 1.00pm	PI Board	Talk	Talk on The Professional Interview Workshop on Enhanced PI Process	45	2	
4	9 Jan	9.00am - 11.00am	Electrical Engineering	Talk	Talk On "Primary Energy Mix Options For Electricity Generation For Peninsular Malaysia" &	63	4	
5	9 Jan	11.00am - 1.00pm	Electrical Engineering	Talk	Talk On Power Networks; Past, Present And Future A	67	2	
6	11 - 12 Jan	8.30am - 5.30pm	Project Management	Course	2 Day Course on Contract Management for Construction Projects		14	Postponed
7	12 - 13 Jan	9.00am - 5.30pm	Chemical	Course	Two Day Course on SIL Training for Team Members - A Practical Approach	12	13	
8	12 Jan	9.00am - 1.00pm	Information and Communications Technology	Visit	Technical Visit to Kuala Lumpur Air Traffic Control Centre (KL ATCC)	42	3	
9	12 Jan	5.30pm - 7.30pm	Project Management	Talk	Talk on The Malaysian Construction Industry Excellence Awards (MCIEA)	15	2	
10	13 Jan	5.30pm - 7.30pm	Mechanical	Talk	Talk On "Self Motivation For Engineers"	47	2	
11	14 Jan	5.30pm - 7.30pm	Building Service	Talk	Talk On "Green Building Rating Tools - Comparison"		2	Postponed
12	14 Jan	5.30pm - 7.30pm	Environmental	Talk	Talk on "Future Trends and Technologies for Wastewater Treatment and Reuse: Activated Sludge Process, Membrane Bioreactor and Moving Bed Bioreactor"	42	2	
13	15 Jan	8.30am - 5.30pm	Geotechnical	Seminar	One Day Seminar on Prediction & Performance of Construction in Soft Ground	78	6	
14	16 Jan	8.30am - 12.00pm	Tunnelling & Underground Space	Technical Visit	Technical Visit to MRT Underground Site - Maluri Station for Pipe Jacking Works	25	2.5	
15	16 Jan	9.00am - 1.00pm	Chemical	Workshop	Half Day Workshop on Shell and Tube Exchanger Thermal Design	17	3.5	
16	16 Jan	9.00am - 11.00pm	Oil, Gas and Mining	Talk	Talk on "Personal Transformation in OSH"	43	2	
17	20 Jan	8.30am - 1.00pm	Civil & Structural	Seminar	Half Day Seminar On Selection Of Steel Materials And Compliance With Structural Eurocodes	345	3.5	
18	22 - 23 Jan	7.00am - 7.00pm	Project Management	Technical Visit	Technical Visit to Boustead Shipyard and Royal Malaysian Navy Base		5.5	Posponed to 26 & 27 February 2016



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
19	26 - 27 Jan	8.30am - 6.00pm	Subcommittee on Engineering Contracts, PPC	Course	2-day Course on Malaysian Civil Engineering Standard Method of Measurement (MyCESMM) - Module 1 (Part 1)	-	15	Postponed to 23 - 24 February (Managed by IEM Academy Sdn Bhd)
20	27 Jan	1.00pm - 5.00pm	Electrical Engineering	Technical Visit	Technical Visit to Terasaki (Malaysia) Sdn Bhd	23	3.5	
21	27 Jan	5.30pm - 7.30pm	Mechanical	Talk	Talk on Principles of Good Design for Elevators and Escalator	65	2	
22	28 Jan	5.30pm - 7.30pm	PPC	Talk	Talk on "Commission of Enquiry into the Failure of Two Civil Structures in Penang - Findings and Lessons Learnt"	95	2	
23	29 Jan	9.00am - 1.30pm	Electrical Engineering	Course	Half Day Seminar on "The Overview of IEC 62305 Standards"	21	3.5	
24	29 Jan	8.30am - 12.30pm	Tunnelling & Underground Space	Technical Visit	Technical Visit to the Tunnelling Training Academy (TTA)	11	2.5	
25	29 - 30 Jan	9.00am - 5.30pm	PI Board	Talk	2 Days IEM Professional Interview Training and Certification Workshop	31		
26	30 Jan	9.00am - 1.00pm	Water Resources	Visit	Technical Visit to Bertam Valley Flood Mitigation Project, Cameron Highlands, Pahang	37	4	
27	3 Feb	5.30pm - 7.30pm	Engineering Education	Talk	Talk on "Energy Sustainability Through Efficient On-Chip Power Module via RF Energy RF"	24	2	
28	3 Feb	9.00am - 1.00pm	PI Board	Talk	IEM Professional Interview Training and Certification Workshop (E5:Law)	26	6	
29	13 Feb	9.00am - 11.00am	Electrical Engineering	Talk	TALK ON "Industrial and employment Legislation relevant for Engineers".	43	2	
30	13 Feb	11.00am - 1.00pm	Electrical Engineering	Talk	TALK ON "Industrial and employment Legislation relevant for Engineers".	31	2	
31	16 Feb	5.30pm - 7.30pm	Tunnelling & Underground Space	Talk	Talk on "Reduction of Blast-Induced Vibration in Tunnelling Using Barrier Boles And Air-Deck"	40	2	
32	17 Feb	5.30pm - 7.30pm	Oil, Gas and Mining	Talk	Talk on "Pipe Stress Analysis (Static) For Offshore Platform Piping System"	52	2	
33	20 Feb	9.00am - 11.00pm	Project Management	Talk	Talk on Contract Management As a Tool for Project Management	120	2	
34	20 Feb	11.00am - 1.00pm	Mechanical	Talk	Talk on The Role of 21st Century Engineers in Sustainable Development	77	2	
35	22 Feb	5.30pm - 7.30pm	Chemical	Talk	Talk On Microalgae to Produce a Variety of Consumer Products - Is it a viable Alternative?	7	2	Postponed to 26 & 27 February 2016



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
36	22 - 23 Feb	8.30am - 5.30pm	Project Management	Course	2 Day Course on Contract Management for Construction Projects	56	14	
37	23 Feb	1.30pm - 4.30pm	Electrical Engineering	Visit	Technical Visit To Suruhanjaya Tenaga, Putrajaya – Tour To Diamond Building	19	2	
38	23 Feb	9.00am - 2.00pm	Water Resources	Visit	Technical Visit To: Construction Of Pantai 2 Sewage Treatment Plant, Federal Territory Of Kuala Lumpur Project	68	4	
39	23 Feb	5.00pm - 7.30pm	PPC	Talk	Evening Talk on "Sewerage Works Approval Transformation (SWAT)" - Consultative Session on SWAT Phase II (Sewage Treatment Plant, Pumping Station and Network Sewer)	53	2	
40	23 - 24 Feb	8.30am - 6.00pm	Subcommittee on Engineering Contracts, PPC	Course	2-day Course on Malaysian Civil Engineering Standard Method of Measurement (MyCESMM) - Module 1 (Part 1)	10	15	Postponed from 26-27 January 2016 (Managed by IEM Academy Sdn Bhd)
41	24 Feb	5.30pm - 7.30pm	Mechanical	Talk	Talk on How to Improve Your Engineering Consultative Selling Skills	31	2	
42	24 Feb	5.30pm - 7.30pm	Water Resources	Talk	Talk on "Make Water Safety Plan Work"	15	2	
43	25 Feb	5.30pm - 7.30pm	Electrical Engineering	Talk	Talk on "Enhancing Engineering Competence to meet the National Energy Challenge."	20	2	
44	25 Feb	5.30pm - 7.30pm	Mechanical	Talk	Talk on Approval Processes and Technology Transfer Particularly On Rolling Stocks	24	2	
45	26 Feb	8.30am - 5.30pm	Building Service	Course	One Day Course on "Indoor Environment Quality - Human Factors"	24	6.5	
46	26 - 27 Feb	7.00am - 7.00pm	Project Management	Technical Visit	Technical Visit to Boustead Shipyard and Royal Malaysian Navy Base	30	5.5	
47	29 Feb	5.30pm - 7.30pm	Information and Communications Technology	Talk	Talk on "Ready To Get Started With Asterisk?" : Asterisk IP-Telephony: Swiss Army Knife of IP-Telephony	24	2	
48	1 & 2 Mar	9.00am - 5.00pm	Electrical Engineering	Seminar	2 Days Course on "Design, Protection and Sizing of Low Voltage Electrical Installations (Wiring) to IEE Wiring Regulations /BS 7671 /MS IEC (IEC) 60364"	54	13	
49	2 & 3 Mar	9.00am - 5.00pm	Subcommittee on Dispute Resolution Practice	Course	Joint Course on Alternative Dispute Resolution for Practitioners	23	13	
50	3 Mar	5.30pm - 7.30pm	Marine Engineering and Naval Architecture	Talk	Talk on "Malaysia's First Hydrodynamic Marine Laboratory"	29	2	
51	4 Mar	9.00am - 1.00pm	Building Service	Seminar	Half Day Seminar on Smelly Toilets- WHY, WHERE, WHAT, WHO, WHEN AND HOW to Eliminate	24	3.5	



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
52	5 Mar	9.00am - 1.00pm	Engineering Education	Technical Visit	Technical Visit to Existing Depot LRT Kelana Line, Petaling Jaya	36	4	
53	5 Mar	8.30am –1.00pm	Women Engineers Section	Workshop	Half Day Workshop On Igniting Your “It” Factor	8	3	
54	5 Mar	9.00am-11.00am	Information and Communications Technology	Talk	Pre-AGM Talk on “iBoSS - Moving BOMBA into the future”	97	2	
55	5 Mar	11.00am - 1.00pm	Information and Communications Technology	AGM	18th Annual General Meeting of Information and Communications Technology Special Interest Group, IEM	88	2	
56	7 & 8 Mar	8.30am - 5.30pm	Project Management	Course	2-Day Course on 100 Common Problems of Construction Contracts	79	14	
57	9 Mar	9.00am - 2.00pm	Electrical Engineering	Visit	Technical Visit to Solar Farm	34	3.5	
58	9 -10 Mar	9.00am - 5.30pm	Young Engineers Section	Course	Two Day Course on Project Management for Operation & Maintenance Engineers	26	14	
59	10 Mar	5.30pm - 7.30pm	Information and Communications Technology	Talk	Talk on “Towards Seamless Collaboration”	23	2	
60	11 Mar	9.30am - 1.30pm	Building Service	Visit	Technical Visit to Truwater Cooling Towers Sdn Bhd	19	3	
61	12 Mar	9.00am-11.00am	Electrical Engineering	Talk	Talk on “Towards Smart Communities, Cities and Nation: Digital Services Innovation Empowered by IoT-Cloud-Big Data Analytics-Mobility-Citizens”	41	2	
62	12 Mar	11.00am - 1.00pm	Electrical Engineering	Talk	Talk on “Industrie 4.0 - Digitalization in Process Industry”	25	2	
63	12 Mar	10.00am - 12.00pm	Engineering Education	Annual Prestige Lecture	Eco Strategy : Development of Business and Technical Tools for Environmental Sustainability	48	2	
64	15 Mar	5.30pm - 7.30pm	Water Resources	Talk	Talk on “Lake Ecosystem Management”	17	2	
65	15 Mar	9.00am - 5.30pm	Mechanical	Course	One-Day Course on “Vertical Transportation Systems”	41	7	
66	15 Mar	5.30pm - 7.30pm	Public Sector	Talk	Talk on “Aero Blueprint 2030”	27	2	
67	16 Mar	5.30pm- 7.30pm	Mechanical	Talk	Talk on “Strive for Excellence”	23	2	
68	16 Mar	5.30pm- 7.30pm	Oil, Gas and Mining	Talk	Talk on “External Turret Design For Floating Storage Offloading/ Floating Production Storage Offloading Vessel (FPO/FPSO)”	30	2	
69	17 Mar	5.30pm - 7.30pm	Engineering Education	Talk	Talk on “Engineering The Global Community”	70	2	
70	19 Mar	8.30am - 1.00pm	Tunnelling & Underground Space	Seminar	Half Day Seminar on Concrete and Waterproofing Technology for Underground Construction	45	3.5	



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
71	19 Mar	8.30am - 1.00pm	Sub Committee on Log Book (LBTS)	Workshop	1st Mentors Workshop: "Log Book Training Scheme - Guidelines for Mentors"	55	3.5	
72	19 Mar	8.30am - 1.00pm	Chemical	Technical Visit	Yakult (M) Sdn Bhd	27	3	
73	21 - 22 Mar	9.00am - 5.30pm	Building Service	Course	2 Days Course on Fire Control Concept and Design of Active Wet System	33	13	
74	22 Mar	9.00am - 2.00pm	Electrical Engineering	Course	Half Day Seminar on "Public Address System"	18	3.5	
75	23 & 24 Mar	9.00am - 5.30pm	PI Board	Talk	2 Days IEM Professional Interview Training and Certification Workshop	60	12	
76	23 Mar	5.30pm - 7.30pm	Engineering Education	Talk	Talk on "Nuclear Power Generation - Myths and Facts"	42	2	
77	24 Mar	1.30pm - 5.00pm	Mechanical	Technical Visit	NST - Regional Printing Plants	8	3	
78	24 Mar	5.30pm - 7.30pm	Geotechnical	Talk	Evening Talk on Evidence of Past Sea-Level Change and the Formation of Recent Coastal Alluvial Deposits in Peninsular Malaysia	35	2	
79	25 Mar	5.30pm - 7.30pm	AER	Talk	Exporting Malaysia's Professional Services Overseas: The Challenges	100	2	
80	28 Mar	8.30am - 5.30pm	Women Engineers Section	Course	LiDAR Technology & Its Application In Engineering With A Case Study In Geotechnical Hazards And Risk Assessment	18	7	
81	29 Mar	5.30pm - 7.30pm	Water Resources	Talk	Talk on "Innovative Technology in Water Conveyance - Oriented PVC Pipes"	34	2	
82	29 - 30 Mar	8.30am - 6.00pm	Subcommittee on Engineering Contracts, PPC	Course	2-day Course on Malaysian Civil Engineering Standard Method of Measurement (MyCESMM) - Module 1 (Part 1)	9	15	
83	30 Mar - 2 Apr	9.00am - 5.00pm	Water Resources	Visit	Technical Visit To National Capital Integrated Coastal Development Programme (NCICD), Jakarta & Water Resources Engineering Lab, Bandung, Indonesia	30	11	
84	30 - 31 Mar	8.00am - 5.30pm	Public Sector	Course	2 Day Course in Lean Management in Operation Field	6	14	
85	31 Mar	8.00am - 1.00pm	Mechanical	Visit	Technical visit to TNB Remaco Repair Centre	9	3	
86	31 Mar	5.30pm - 7.30pm	Information and Communications Technology	Talk	Talk on "Complete and Total Open Source IT Apps"	13	2	
87	31 Mar	5.30pm - 7.30pm	Geotechnical	Talk	Evening Talk on The Understanding of Various Retaining Wall Techniques and Concepts for Deep Excavation	78	2	
88	2 Apr	9.00am - 1.00pm	Information and Communications Technology	Visit	Technical Visit to MIMOS	11	3	





NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
89	5 Apr	5.30pm - 7.30pm	Environmental	Talk	Talk on "Difficult to treat water and waste water, how tubular membranes can be the solution"	28	2	
90	6 Apr	9.00am - 5.30pm	PI Board	Talk	IEM Professional Interview Training and Certification Workshop (E5:Law)	60	6	
91	6 Apr	5.30pm - 7.30pm	Seniors	Talk	Talk on "Wills, Estate Planning & Value Protection"	16	0	
92	7 Apr	5.30pm - 7.30pm	Civil & Structural	Talk	Talk on Design & Construction of Stabilised Subgrades for Malaysian Roads	41	2	
93	7 Apr	5.30pm - 7.30pm	Oil, Gas and Mining	Talk	Talk on "Typical Changes Leading To Cost Overruns, Delays And Claims In Infrastructure, Oil And Gas Projects"	30	2	
94	7 Apr	9.00am - 1.00pm	Public Sector	Technical Visit	Technical Visit to Malaysia Automotive Institute	7	3	
95	8 - 9 April	8.00am - 6.00pm	Chemical	Competition	11th Malaysia Chem-e-Car Competition 2016	63 teams		
96	9 Apr	9.00am - 11.00am	Electrical Engineering	Talk	Talk On "A Simplified Equation For Voltage Drop" (Or Is Voltage Drop = Iz?)	76	2	
97	9 Apr	11.00am - 1.00pm	Electrical Engineering	Talk	Talk On "Introduction To Energy Efficient Chilled Water Plant In Building"	82	2	
98	9 Apr	9.00am - 1.00pm	PI Board	Talk	Talk on The Professional Interview Workshop on Enhanced PI Process	50	2	
99	12 Apr	5.30pm - 7.30pm	Engineering Education	Talk	Talk on "Using the Engineering Finance Methodology in creating "Cost Efficient" Projects to Optimize the Return on Investments"	29	2	
100	14 Apr	9.00am - 5.30pm	Electrical Engineering	Course	One Day Course On "Lightning"	26	6	
101	14 Apr	8.30am - 12.30pm	Geotechnical	Technical Site Visit	Technical Site Visit to the Foundation Construction Works at KL 118 Project	28	2	
102	16 Apr	9.00am	Activities	AGM	IEM 57th Annual General Meeting	417	4	
103	16 Apr	8.00pm	Activities		IEM 57th Annual Dinner and Awards Night 2016	1230	N/A	
104	19 - 20 Apr	9.00am - 5.00pm	Project Management	Course	2-Day Course on Recognized Good Practices of Project Management	30	14	
105	19 Apr	5.30pm - 7.30pm	Mechanical	Talk	Talk on "Mastering Emotional Intelligence for Engineering Success"	22	2	
106	20 Apr	5.30pm - 7.30pm	Information and Communications Technology	Talk	Talk on "Open Source Application for IT/IP Infrastructure"	23	2	
107	21 Apr	5.30pm - 7.30pm	Engineering Education	Talk	Talk On "Genting Highlands Bus Crash at KM3.6 Genting Highlands-Kuala Lumpur Roads on 21 August, 2013"	27	2	



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
108	22 Apr	5.30pm - 7.30pm	Geotechnical	Talk	Technical Talk on Ground Improvement Techniques for Reclamation	61	2	
109	23 Apr	9.00am - 1.00pm	Consulting Engineering	AGM	Pre AGM Talk & AGM			Postponed
110	23 Apr	9.00am - 1.00pm	Agricultural and Food Engineering	Visit	Technical Visit to Sepen Engineering Sdn. Bhd	11	2.5	
111	23 Apr	9.00am - 1.00pm	Electrical Engineering	Visit	Technical Visit to LKE Electric (M) Sdn Bhd	18	3	
112	26 Apr	5.30pm - 7.30pm	Electrical Engineering	Talk	Talk on Overview of IEC 62305	34	2	
113	26 Apr	8.30am - 5.30pm	Tunnelling & Underground Space	Seminar	1-Day Seminar On Challenges Of Sewer Construction & Sewer Rehabilitation In Urban Area & Development Of Trenchless Technology In Pipeline Installation	80	7	
114	27 Apr	5.30pm - 7.30pm	Geotechnical	Talk	Evening Talk on Considerations of Deep Excavation in Kenny Hill and Kuala Lumpur Limestone Formations	56	2	
115	28 Apr	9.00am - 5.00pm	Geotechnical	Seminar	2-Day Seminar on "Advancement in Geotechnical Investigation and Instrumentation"	30	12	
116	28 Apr	9.00am - 5.00pm	Water Resources	Course	One Day Short Course on Urban Drainage Modelling for Design	25	6	
117	28 Apr	9.00am - 5.30pm	Chemical	Course	One-Day Course on HAZOP Training for Team Members - A Practical Approach	-	-	Posponed to 31 May 2016
118	3 May	9.00am - 5.00pm	PI Board	Workshop	PI Training and Certification Workshop	40	6	
119	4 May	9.00am - 5.30pm	Highway & Transportation	Course	1 Day Course on "The Process For Pavement Management And Rehabilitation Of A Flexible Road Pavement"	20	6.5	
120	4 May	9.00am - 5.00pm	Engineering Education	Course	One Day Course on "FTTX Induction Course for Engineers"	10	6	
121	5 May	7.15am - 12.00pm	Oil, Gas and Mining		Technical Visit to Aker Solutions	12	3	
122	6 May	9.00am - 5.30pm	Electrical Engineering	Course	One Day Course On "Energy Management Based On MS ISO 50001:2011	25	6	
123	7 May	9.00am - 11.00am	Electrical Engineering	Pre AGM Talk	EETD's Pre AGM Talk on "Latest ST Updates on Electricity Supply Act & Regulation & Route to ST Competent Engineer & Service Engineer"	145	2	
124	7 May	9.00am - 1.30pm	Building Service	Visit	Technical Visit to Azeeta Pipe System Sdn Bhd	33	4	
125	7 May	9.00am - 11.00am	Project Management	Talk	Talk On Emotional Intelligence: How Critical Is It To Project Success?	50	2	
126	7 May	11.00am - 1.00pm	Electrical Engineering		31st EETD AGM	146	2	



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
127	11 May	9.00am - 5.00pm	Public Sector	Course	One Day Course on Performance Based Contract (PBC)	27	6.5	
128	11 May	5.30pm - 7.30pm	Engineering Education	Talk	Talk On "Programming and Electronics Learning Experience Through Autonomous RC Helicopter and Arduino Platform among Secondary Students"	14	2	
129	13 May	9.00am - 2.00pm	Electrical Engineering	Visit	Technical Visit to Universiti Tunku Abdul Rahman Research Centers	24	3.5	
130	14 May	9.00am - 11.00am	Tunnelling & Underground Space	Pre AGM Talk	Pre AGM Talk on "Advances in Bored Tunnel Design and Ground Investigations for KVMRT Project" &	164	2	
131	14 May	11.00am - 1.00pm	Tunnelling & Underground Space	AGM	16th TUSTD AGM	123	2	
132	14 May	9.00am - 5.30pm	Electrical Engineering	Course	One Day Course on "Digital Video Broadcast-terrestrial 2"	12	6	
133	14 May	9:00am - 2.00pm	Agricultural and Food Engineering	Visit	Technical Visit to Grundfos Malaysia Sdn. Bhd.	31	4	
134	14 May	9.00am - 1.30pm	Geotechnical	Visit	Technical Visit to Lafarge's Construction Development Lab (CDL)	34	3.5	
135	17 May	5.30pm - 7.30pm	Water Resources	Talk	Talk On "Water Sensitive Urban Design - MSMA In Practice"	38	2	
136	16 -17 May	9.00am -5.30pm	Building Service	Course	2 Days Course on Design Concept of Plumbing and SWV System	30	13	
137	18 May	9.00am - 5.30pm	Electrical Engineering	Course	Half Day Course On "Power Quality In Modern Facility"	54	3.5	
138	18 May	5.30pm - 7.30pm	Oil, Gas and Mining	Talk	Talk on "Enhanced Oil Recovery in Malaysia - Challenges"	31	2	
139	18 May	5.30pm - 7.30pm	Building Service	Talk	Talk on "A Comparison of Various Green Building Rating Tools in Malaysia"	32	2	
140	19 May	5.30pm - 7.30pm	Women Engineers Section	Talk	Talk on "Effective Change Management Principles"	18	2	
141	23 - 25 May	10.30am - 5.00pm	Mechanical	Forum	IEM Mechanical & Electrical Forum (ASEAN M&E Show)	56	30	
142	24 - 25 May	8.30am - 6.00pm	Subcommittee on Engineering Contracts, PPC	Course	2-Day Course on Malaysian Civil Engineering Standard Method of Measurement (MyCESMM) - Module 1 (Part 2)	10	15	Manage by IEM Academy Sdn Bhd
143	25 May	5.30pm - 7.30pm	Tunnelling & Underground Space	Talk	Talk on Advancement in Tunnel Lining Monitoring using Fibre-Optic Distributed Sensing"	35	2	
144	26 May	5.30pm - 7.30pm	Mechanical	Talk	How to Form a Successful Engineering Team	23	2	
145	26 May	5.30pm - 7.30pm	Marine Engineering and Naval Architecture	Talk	Talk on "Ballast Water System (PureBallast) And Exhaust Gas Cleaning System (PureSOx) in Marine Engineering Application"	13	2	



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
146	28 May	8.00am - 1.00pm	Agricultural and Food Engineering	Technical Visit	Technical Visit to Customcraft (M) Sdn. Bhd	19	3.5	
147	28 May	11.00am - 1.00pm	Marine Engineering and Naval Architecture	AGM	5th Annual General Meeting	52	2	
148	28 May	9.00am - 1.00pm	IEM Subcommittee on Log Book Training Scheme (LBTS)	Workshop	Workshop for Mantees: "LBTS Way to MIEM and Professional Engineer" - Why LBTS? Free Mentorship from the Experience PE through LBTS	44	3	
149	28 May	8.30am - 1.30pm	Women Engineers Section	Forum	Outstanding Engineers Luncheon	26	3.5	
150	29 May	8.30am - 6.00pm	Geotechnical	Course	Pre-SEAGC Conference: One Day Short Course on Mitigation of Earthquake Damage from Ground Liquefaction and Early Warning Techniques for Mitigating Rainfall-Induced Slope Disasters	48	7	Manage by IEM Academy Sdn Bhd
151	30 May	8.30am - 6.00pm	Geotechnical	Conference	19SEAGC - 2AGSSEAC: Young Geotechnical Engineers Conference	44	40	Manage by IEM Training Centre Sdn Bhd
152	30 May	8.30am - 6.00pm	Geotechnical	Course	Pre-SEAGC Conference: One Day Short Course on Presuremeter - Instrumentation, New Developments and Calculation Methods	131	7	Manage by IEM Training Centre Sdn Bhd
153	31 May	9.00am - 5.30pm	Chemical	Course	One-Day Course on HAZOP Training for Team Members- A Practical Approach	20	7	
154	31 May - 3 June	9.00am - 5.30pm	IEM	Conference	19th Southeast Asian Geotechnical Conference and 2nd AGSSEA Conference (19SEAGC-2AGSSEAC)	588	20	
155	1 Jun	7.00am	Mechanical	Sport	IEM Charity Golf 2016		N/A	Re-scheduled
156	2 Jun	5.30pm - 7.30pm	Information and Communications Technology	Talk	Talk on "Analytic Contribution Role to Mobile Commerce Industry"	11	0	
157	3 Jun	8.30am - 6.00pm	Geotechnical	Course	Post-SEAGC Conference: One Day Short Course on Pile Foundation Analysis and Design	163	7	Manage by IEM Academy Sdn Bhd
158	3 Jun	9.00am - 2.00pm	IEM	Site Visit 1	Foundation and Substructure Construction for Warisan Merdeka, Kuala Lumpur	30	3.5	
159	3 Jun	9.00am - 2.00pm	IEM	Site Visit 2	Underground Station of Klang Valley Mass Rapid Transit (KVMRT), Kuala Lumpur	40	3.5	
160	4 Jun	9.00am - 11.00am	Electrical Engineering	Talk	Talk on "Law for Engineers Part 2"	72	2	
161	4 Jun	11.00am - 1.00pm	Electrical Engineering	Talk	Talk On "Integrated Security Management System Implementation Framework"	50	2	



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
162	5 Jun	9.00am - 2.00pm	Highway & Transportation		Hiking Trail To Lubuk Hantu	10	Nil	
163	7 Jun	9.00am - 2.00pm	Highway & Transportation	Course	Half Day Seminar on "Building Information Modeling (BIM) Seminar in Civil Engineering"	24	3.5	
164	8 Jun	9.00am - 5.30pm	Electrical Engineering	Course	1 Day Course Outline On Managing Risk And Safe Handling In Electrical Hazards	15	6.5	
165	8 Jun	5.30pm - 7.30pm	Building Service	Talk	Talk on "Conservation of Water – Apply Basic Engineering Principles"	27	2	
166	10 Jun	9.00am - 5.00pm	PI Board	Workshop	IEM Professional Interview Training and Certification Workshop	31	6	
167	11 Jun	9.00am - 1.00pm	PI Board	Workshop	IEM Professional Interview Training and Certification Workshop	31	6	
168	11 Jun	9.00am - 1.00pm	Building Service	Visit	Technical Visit to "VTSB Trading – Grease Trap Manufacturer"	19	3.5	
169	11 Jun	9.00am - 1.00pm	Project Management	Talk	Talk On Project Management Roadmap With Primavera P6	50	2	
170	13 & 14 Jun	8.30am - 5.30pm	Project Management	Course	2-Day Course on Adjudication - Procedure and Problems	25	14	
171	14 Jun	5.30pm - 7.30pm	Engineering Education	Talk	Talk On "Housing Development (Control & Licensing) Act 1966 & Regulations, & PAM Form of Contract 2006 – Roles of Contractor Administrator"	40	2	
172	15 Jun	9.00am - 5.30pm	Building Service	Course	One Day Course on Enterprise Risk Management and Business Continuity Management	14	7	
173	16 Jun	9.00am - 1.00pm	Mechanical	Visit	Technical Visit to MMK Engineering Sdn. Bhd.	11	2	
174	16 Jun	9.00am - 5.30pm	Women Engineers Section	Workshop	1-Day Workshop On "Mind Mapping For Creative Problem Solving And Decision Making"	16	7	
175	17 Jun	8.30am - 6.00pm	Geotechnical	Course	One Day Short Course on "The Design, Analysis and Performance of Reinforced Soil Structures"	57	6.5	
176	18 Jun	9.00am - 11.00am	Geotechnical	Talk	Pre-GETD Annual General Meeting (AGM): Talk on Reinforced Soil Structures: Performance under Extreme Loading Conditions	127	2	
177	18 Jun	9.30am - 12.00nn	Subcommittee on Engineering Contracts, PPC	Talk	Talk on Nominated Sub-Contracts (Especially Under Pertubuhan Akitek Malaysia 2006 Form)	51	2	
178	18 Jun	11.00am - 1.00pm	Geotechnical	AGM	27th Geotechnical Engineering Technical Division Annual General Meeting (AGM)	108	2	
179	23 Jun	9.00am - 1.00pm	Highway & Transportation	Visit	Technical Visit to Plus Traffic Monitoring Centre, Persada Plus, Petaling	10	3	





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180	25 Jun	9.00am - 11.00am	Water Resources	Pre AGM Talk	Pre AGM Talk on "From Waste to Wealth"	91	2	
181	25 Jun	11.00am - 1.00pm	Water Resources	AGM	29th WRDT AGM	98	2	
182	25 Jun	9.00am - 11.00am	Young Engineers Section	Pre AGM Talk	YES Pre AGM Talk	25	2	
183	25 Jun	11.00am - 1.00pm	Young Engineers Section	AGM	YES 46th AGM	26	2	
184	28 Jun	5.30pm - 7.30pm	Mechanical	Talk	Talk on Lift Regulations and Malaysian Standards	28	2	
185	29 Jun	9.00am - 5.00pm	PI Board	Workshop	IEM Professional Interview Training and Certification Workshop			Cancelled
186	29 Jun	5.30pm - 7.30pm	Engineering Education	Talk	Talk On "Housing Development (Control & Licensing) Act 1966 & Regulations, & PAM Form of Contract 2006 – Roles of Contractor Administrator" - Part 2	30	2	
187	2 Jul	9.00am - 11.00am	Seniors	Talk	Pre AGM Talk on "Motor Vehicles Safety Design Standards and Vehicle Type Approval of New Models in Malaysia"	98	2	
188	2 Jul	11.00am - 1.00pm	Seniors	AGM	2nd SSIG AGM	78	2	
189	9 Jul	9.00am - 11.00am	Electrical Engineering	Talk	Talk On "Credential Security & Physical Access Control Systems"	30	2	
190	9 Jul	11.00am - 1.00pm	Electrical Engineering	Talk	Talk On "GBI & Green Buildings: The Goal & Challenges Ahead"	58	2	
191	13 Jul	5.30pm - 7.30pm	Engineering Education	Talk	Talk On "Power Generation from Salinity Gradient Solar Pond Using Thermoelectric Generators"	23	2	
192	13 Jul	5.30pm - 7.30pm	Women Engineers Section	Talk	Talk on Techno Express	0	No CPD	Cancelled
193	16 Jul	9.00am - 11.00am	Consulting Engineering	Pre AGM Talk	Talk on "Nuclear Education and Training and Construction of Nuclear Power Plants - Some key challenges and its impact on the cost and time of the construction of these plants"	79	2	
194	16 Jul	11.00am - 1.00pm	Consulting Engineering	AGM	7th CESIG AGM	67	2	
195	16 Jul	9.00am - 12.00pm	Electrical Engineering & YES	Forum	Roundtable Discussion (Technical) For Young And Student Engineers On How To Solve Today's Engineering Problems		3	Postponed
196	18 Jul	9.00am - 1.00pm	Electrical Engineering	Technical Visit	Technical Visit to Mini Hydro Plant, Bentong Pahang	15	3	
197	19 Jul	5.30pm - 7.30pm	Mechanical	Talk	Talk on "Renewable Energy in the Context of Sustainable Development"	48	2	



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198	20 Jul	9.00am - 5.30pm	Tunnelling & Underground Space	Talk	Talk on Pipe Roofing at Maluri Station	25	2	
199	20 Jul	9.00am - 1.00pm	Project Management	Technical Visit	Technical Visit to MEASAT Satellite Systems Sdn. Bhd., Cyberjaya	8	3.5	
200	21 Jul	5.30pm - 7.30pm	Electrical Engineering	Talk	Talk on "Tendering Process – the art and science of it. Why improper tenders are a project management nightmare ..."	41	2	
201	21 Jul	9.00am - 5.00pm	Building Service	Seminar	Seminar on Protection, Switching and Metering	35	6.5	
202	21 Jul	5.30pm - 7.30pm	Information and Communications Technology	Talk	Talk on "Building Information Modeling"	15	0	
203	23 Jul	9.00am - 1.00pm	Electrical Engineering	Visit	Technical Visit to Media Prima Berhad	9	3	
204	23 Jul	9.00am - 11.00am	Civil & Structural	Pre AGM Talk	PRE AGM TALK i) BEM Guideline on the Role and Responsibility of Professional Engineers for Temporary Works during Construction ii) MS1462 Metal scaffolding - Mandatory under CIDB Act 520 (Amendment 2011)	160	2	
205	23 Jul	11.00am - 1.00pm	Civil & Structural	AGM	30th CSETD AGM	148	2	
206	23 Jul	7.00pm	Young Engineers Section		YES Annual Dinner 2016	100		
207	23 Jul	9.00am - 11.00am	Project Management	talk	Talk Smart Monitoring & Control Through IOT For Waste Water Treatment Plant	32	2	
208	25 Jul	9.00am - 5.00pm	Young Engineers Section	Course	One Day Course on An Introduction to Earthquake Engineering Based on AS/NZS 1170 Part 5: Earthquake Actions – New Zealand	51	6.5	
209	25 Jul	5.30pm - 7.30pm	Highway & Transportation	Talk	Talk on "Leaders Communicate to Inspire and Motivate"	20	2	
210	26 Jul	5.30pm - 7.30pm	Highway & Transportation	Talk	Talk on "The Road Safety Plan of Malaysia (RSPM) 2014-2020"	23	2	
211	26 Jul	9.00am - 1.00pm	Electrical Engineering	Technical Visit	Technical Visit to Tenaga Cable Industries Sdn. Bhd.	10	3.5	
212	26 Jul	5.30pm - 7.30pm	Mechanical	Talk	Talk on "Successful Engineering Negotiation Skills"	38	2	
213	26 Jul	5.30pm - 7.30pm	Geotechnical	Lecture	56th Rankine Lecture on Geotechnis and Energy	70	2	
214	27 Jul	5.30pm - 7.30pm	Information and Communications Technology	Talk	Talk on "Enterprise Open Source Operating System With Red Hat Enterprise Linux"	8	2	
215	27 Jul	5.30pm - 7.30pm	Civil & Structural	Talk	Talk on Wind Related Issues & the Use of Supplementary Damping Systems in the Design of Tall Buildings	78	2	



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216	27 - 28 Jul	9.00am - 5.30pm	Building Service	Course	2 Days Course on Design of Sprinkler Systems Reference to MS1901 Fixed Firefighting Systems-Automatic Sprinkler Systems-Design, Installation and Maintenance	25	13	
217	28 Jul	5.30pm - 7.30pm	Environmental	Talk	Talk on "Energy Audit & Management Conditional Grant"	31	2	
218	30 Jul	9.00am - 11.00am	Environmental	Talk	Pre AGM Talk on "Gas-phase Advanced Oxidation for Control of Air Pollution"	90	2	
219	30 Jul	11.00am - 1.00pm	Environmental	AGM	24th ENETD AGM	85	2	
220	30 Jul	9.00am - 2.00pm	Agricultural and Food Engineering	Visit	Technical Visit To Modipalm Engineering Sdn. Bhd.	31	3	
221	30 Jul	9.00am - 5.00pm	Information and Communications Technology	Workshop	One-Day Workshop on Internet of Things Using Arduino	17	6.5	
222	2 & 3 Aug	9.00am - 5.00pm	Project Management	Course	2-Day Course on Fundamentals of Successful Project Management	47	14	
223	3 Aug	5.30pm - 7.30pm	Building Service	Talk	Talk on "Design Criteria for Operation Theater – Behind the Scenes Persepitive"	51	2	
224	4 Aug	5.30pm - 7.30pm	Civil & Structural	Talk	Talk on "Building Audit : Structural Assessment"	64	2	
225	6 Aug	9.00am - 1.00pm	Engineering Education	AGM	Pre AGM Talk & 20th AGM of E2TD	81	2	
226	8 Aug	9.00am - 5.30pm	Electrical Engineering	Course	One Day Course On "Lightning Protection MS IEC 62035"	49	6	
227	8 Aug	9.00am - 1.00pm	Electrical Engineering	Visit	Technical Visit to TNB Janamanjung Sdn Bhd	17	4	
228	8 & 9 Aug	8.30am - 5.30pm	Project Management	Course	2-Day Course on Contract Management for Construction Projects	50	14	
229	9 Aug	9.00am - 5.30pm	Electrical Engineering	Course	One Day Course on "ATS MS IEC 69047-6-1 & Power Capacitors IEC 60831"	33	6	
230	9 Aug	5.30pm - 7.30pm	Agricultural and Food Engineering	Talk	Talk on "Enzyme Immobilization Technology"	9	2	
231	10 Aug	5.30pm - 7.30pm	Engineering Education	Talk	Talk on "Enhancing the value of moderate and coarse spatial resolution of remote sensing imagery"	15	2	
232	10 Aug	5.30pm - 7.30pm	Women Engineers Section	Talk	Pre View Talk On Leadership Coaching For Engineers	17	2	
233	11 Aug	5.30pm - 7.30pm	Information and Communications Technology	Talk	Talk on "Making The AG's Report More Accessible, Integrated and Usable"	27	2	
234	13 Aug	9.00am - 1.00pm	Building Service	AGM	Pre AGM Talk on "Code compliant design and performance based design smoke control system - what are their differences?" & 30th AGM	75	2	



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
235	13 Aug	9.00am - 11.00am	Electrical Engineering	Talk	Talk On "Energy Delivery System – Understanding Power Cables And Connections (Part 1)"	88	2	
236	13 Aug	11.00am - 1.00pm	Electrical Engineering	Talk	Talk On "Energy Delivery System – Understanding Power Cables And Connections (Part 2)"	86	2	
237	14 Aug	7.00am	Sub-Committee on IEM Engineering Week 2016	Run	IEM Engineer's Run 2016	1000	NA	
238	14 - 15 Aug	7.00am	Environmental	Technical Visit	Technical Visit to the Fabrication Yard of Dialog Group Berhad, Johor Corporation Tanjung Langsat Steam Plant and Evyap Sabun (M) Sdn Bhd		8	Cancelled
239	15 Aug	5.30pm - 7.30pm	Geotechnical	Talk	Evening Talk on A Brief Perspective on Forensic Geotechnics	65	2	
240	16 Aug	5.30pm - 7.30pm	Oil, Gas and Mining	Talk	Talk on "Bauxite Mining"	15	2	
241	16 Aug	5.30pm - 7.30pm	Civil & Structural	Talk	Talk on "Achieving Sustainable Concrete Infrastructure - A Reality Check"	29	2	
242	17 Aug	8.30am - 5.00pm	Oil, Gas and Mining	Course	One-Day Course on "Introduction to Oil and Gas Industry – An Engineering Design Perspective"	16	6	
243	17 Aug	5.30pm - 7.30pm	Oil, Gas and Mining	Talk	Talk on "Managing HSE Challenges in Oil & Gas Industry"	19	2	
244	17 Aug	5.30pm - 7.30pm	Information and Communications Technology	Talk	Talk on "Digital Security Solutions In The Internet Era"	29	2	
245	17 -18 Aug	8.30am - 5.00pm	Oil, Gas and Mining	Course	Two-Day Course on "Critical Thinking for Engineers"	0	10.5	Cancelled
246	18 Aug	5.30pm - 7.30pm	Oil, Gas and Mining	Talk	Talk on Handling Sand Issues in the Upstream Oil & Gas Production	31	2	
247	19 Aug	9.00pm - 2.00pm	Electrical Engineering	Competition	Electrical Engineering Final Year Poster Competition (EEFYP 2016)	28	Nil	
248	19 Aug	5.30pm - 7.30pm	Geotechnical	Talk	Evening Talk on Deep Excavation Works in Kuala Lumpur Karsts – Some Considerations	58	2	
249	20 Aug	9.00am - 11.00am	Project Management	Pre AGM Talk	Pre AGM Talk On Soft-Skills That Is The Hard Part	100	2	
250	20 Aug	11.00am - 1.00pm	Project Management	AGM	12th PMTD AGM	82	2	
251	20 Aug	10.30am - 1.00pm	Engineering Education	Talk	Talk By Dean of University of Auckland	40	2	
252	20 Aug	7.00am - 2.00pm	Oil, Gas and Mining	Visit	Technical Visit to Selinsing Gold Mine Manager Sdn Bhd	15	4	
253	22 Aug	5.30pm - 7.30pm	Mechanical	Talk	Talk on Power Generation Technologies and Introduction to the Framework for Implementation of IPP Project	29	2	
254	22 - 23 Aug	9.00am - 5.30pm	Building Service	Course	2 Days Course on Chemical Spillage and LOTO Work Procedures		12.5	Postponed



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
255	23 Aug	5.30pm - 7.30pm	Geotechnical	Talk	Evening Talk on Finite Element Analysis of Deep Excavation Problems	53	2	
256	23 Aug	5.30pm - 7.30pm	Women Engineers Section	Talk	Talk on the Birth and Development Of Subsea Umbilicals	8	2	Posponed to 6 October 2016
257	23 Aug	9.00am - 1.00pm	Electrical Engineering	Visit	Technical Visit To Mimos Berhad Research & Development	10	4	
258	24 Aug	9.00am - 5.00pm	Women Engineers Section	Course	1-Day Course On 'Introduction to Building Information Modelling (BIM) For Professionals'	46	6.5	
259	24- Aug	5.30pm - 7.30pm	Information and Communications Technology	Talk	Talk on "Open Source Tool for All - SCILAB for Engineering and Science (Engineering Track)"	15	2	
260	24 Aug	5.30pm - 7.30pm	Seniors	Talk	Engineering Wonders and Technical Presentation: A Picture Speaks a Thousand Words	50	2	
261	24 Aug	9.00am - 5.00pm	Environmental	Course	One-Day Seminar on Embracing and Overcoming Safety and Health Risk	16	5.5	
262	25 Aug	5.30pm - 7.30pm	Subcommittee on Dispute Avoidance and Resolution Practice, PPC	Workshop	Workshop on Dispute Avoidance - No.1	29	2	
263	25 Aug	5.30pm - 7.30pm	Civil & Structural	Talk	Talk on "Certification of Construction Materials & Products"		Applying	Postponed. New date TBA
264	27 Aug	9.00am - 12.30pm	Young Engineers Section	Forum	Technical Discussion for Young Engineers and Engineering Students On How to Solve Today's Engineering Problems	10	3	
265	27 Aug	2.00pm - 6.00pm	Subcommittee on Dispute Avoidance and Resolution Practice, PPC	Seminar	Half Day Seminar on Extension of Time in Construction Contracts - Challenges Facing the Certifier	36	3.5	
266	28 Aug	12.30pm - 4.00pm	Chemical	Visit	Technical Visit to PETRONAS Penapisan (Terengganu) Sdn Bhd	22	3	
267	29 Aug	9.00am - 5.30pm	Highway & Transportation	Course	One Day Course on "Effective Communication is More than Just Words"		6	Postponed
268	29 Aug	5.30pm - 7.30pm	Oil, Gas and Mining	Talk	Heat Exchangers Design, Inspection And Maintenance	28	2	
269	29 Aug	5.30pm - 7.30pm	Information and Communications Technology	Talk	Talk on "Blow Fibre Solution & Open Access Network"	17	2	
270	30 Aug	2.00pm - 4.00pm	Consulting Engineering	Visit	Technical Visit To The Tavern, Heineken Malaysia Berhad, Sungei Way Brewery	16	2.5	
271	1 & 2 Sep	9.00am - 5.30pm	Tunnelling & Underground Space	Seminar	2 Day Seminar in Tunnelling & Underground Space	50	13	Manage by IEM Training Centre Sdn Bhd





NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
272	3 Sep	5.30pm - 7.30pm	Oil, Gas and Mining	Talk	Applications Of Forensic Metallurgy	52	2	
273	3 Sep	11.00am - 1.00pm	Mechanical	Talk	Talk on "Corporate Social Responsibility: How it can improve your profits"	33	2	
274	6 Sep	5.30pm - 7.30pm	Mechanical	Talk	Talk on "Technical Feasibility Study of Biomass Power Plants in Malaysia"	41	2	
275	7 & 8 Sep	9.00am - 5.30pm	Mechanical	Course	Two-Day Course on "Vertical Transportation Systems"	34	13	
276	9 Sep	5.30pm - 7.30pm	Building Service	Talk	Talk on "Eco Engineering in Compliance to Green Building using EcoClean & EcoGreen Technology"	27	2	
277	10 Sep	9.00am - 11.00am	Electrical Engineering	Talk	Talk on "Challenges In Reducing Greenhouse Gas Emissions From The Generation & Use Of Electricity In Malaysia"	67	2	
278	10 Sep	11.00am - 1.00pm	Electrical Engineering	Talk	Talk on "Law for Engineers - Part 3"	58	2	
279	13 Sep	9.00am - 5.30pm	Highway & Transportation	Course	One Day Course on "Technique of Writing Project Monitoring Reports"		6	Postponed
280	14 Sep	5.30pm - 7.30pm	Engineering Education	Talk	Talk on "Operations Management"	30	2	
281	19 Sep	9.00am - 5.30pm	Electrical Engineering	Course	Seminar On "IECEX Requirements And Certification – Building Safety Awareness And Confidence In The Hazardous Areas"	15	6	
282	20 - 21 Sep	8.30am - 6.00pm	Subcommittee on Engineering Contracts, PPC	Course	2-Day Course on Malaysian Civil Engineering Standard Method of Measurement (MyCESMM) with Details on Rail Track and Tunnelling Works - Module 1 (Part 3)		15	Re-scheduled to 24 -25 October 2016
283	20 Sep	5.30pm - 7.30pm	Engineering Education	Talk	Talk On "Stimulation of Beta Brainwave Rhythm using Isochronic Tones"	9	2	
284	21 - 23 Sep	9.00am - 5.30pm	Electrical Engineering	Tour	AFEO Energy Tour 2016, Malaysia	30	9	
285	21 Sep	2.00pm - 5.30pm	Electrical Engineering	Visit	Technical Visit To Suruhanjaya Tenaga, Putrajaya – Tour to Diamond Building	24	2	
286	21 Sep	7.00am	Mechanical	Sport	IEM Fund Raising Golf 2016	69	-	
287	21 Sep	5.30pm - 7.30pm	Oil, Gas and Mining	Talk	Talk on Gaslift System Optimization	38	2	
288	21 Sep	8.30am - 1.00pm	Tunnelling & Underground Space	Course	Short Course on Rock Mass Classification and Site Application in Tunnelling	40	3.5	
289	22 Sep	9.00am - 12.00pm	Electrical Engineering	Visit	Technical Visit to "BRT Sunway"	29	2	
290	22 Sep	2.00pm - 5.00pm	Electrical Engineering	Visit	Technical Visit to "Malaysia Transformer Manufacturing Sdn. Bhd."	28	2.5	



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291	22 Sep	9.00am - 1.00pm	Building Service	Seminar	Half Day Course on Heat Recovery System: Heat Pump Hot Water System for Hotel & Hospital	36	6.5	
292	23 Sep	9.00am - 1.00pm	Electrical Engineering	Visit	Technical Visit to Seri Ulu Langat Palm Oil Mill 7MW Biomass Cogeneration Plant	49	2.5	
293	23 Sep	2.00pm - 5.00pm	Electrical Engineering	Visit	Technical Visit to Malaysia's First Floating Solar System	40	3	
294	23 Sep	9.00am - 5.00pm	Women Engineers Section	Course	1-Day Course of Effective Change Management Principles		6	Postponed
295	24 Sep	9.00am - 11.00am	Women Engineers Section	Pre AGM Talk	Pre AGM Talk on Inner Speech for Personal Development & Engineering In The New Millennium: Breakthrough & Challenges	23	2	
296	24 Sep	11.00am - 1.00pm	Women Engineers Section	AGM	3rd WE AGM		2	Adjourned to 1 October 2016
297	24 Sep	6.00am - 12 noon	Oil, Gas and Mining	Visit	Technical Visit to SapuraKencana	0	2.5	Postponed
298	24 Sep	9.00am - 1.00am	Seniors	Talk	Talk on Thermodynamics Applied to Palm Oil Mills	45	2	
299	24 Sep	11.00am - 1.00pm	Consulting Engineering	Talk	Talk on "Control & Instrumentation (C&I) Automation – what you need to know to be good at it. Why a C&I career is future proof and in demand ..."	37	2	
300	26 Sep	7.00am - 4.30pm	Marine Engineering and Naval Architecture	Visit	Technical Visit to Tangkas, KD Pelandok and Boustead Naval Shipyard	33	4.5	
301	28 Sep	9.00am - 1.00pm	Electrical Engineering	Course	Half Day Course On "Induction Motors And Drives: Advancements And Local Issues"		3.5	Postponed
302	28 Sep	5.30pm - 7.30pm	Water Resources	Talk	Talk On "Managing Risks In The Construction Of Mengkuang Dam Expansion Project"	34	2	
303	29 Sep	9.00am - 1.00pm	Electrical Engineering	Course	Pre-Electro technical Symposium – Half Day Course on Conformity Assessment System in Electrical and Electronic Sector		3.5	Postponed
304	29 Sep	5.30pm - 7.30pm	Highway & Transportation	Talk	Talk On "Adaptive Design Of Fiberglass Grid Reinforced Pavement"	48	2	
305	29 Sep	9.00am - 5.00pm	Geotechnical	Seminar	2-Day Seminar on "Advancement in Geotechnical Investigation and Instrumentation"	29	12	
306	29 Sep	8.30am - 5.00pm	Oil, Gas and Mining	Course	One Day Course on "Offshore Sand Separation, Design, Operation and Maintenance"	13	7	
307	29 Sep	5.30pm - 7.30pm	Mechanical	Talk	Talk on "Appropriate leadership for engineering success"	19	2	
308	30 Sep	9.00am - 5.00pm	Highway & Transportation	Course	One Day Course on "Lead and Motivate Your Workforce for Engineers"		6	Postponed
309	1 Oct	9.00am - 11.00am	Electrical Engineering	Talk	Talk on "IED & IoT"	68	2	



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
310	1 Oct	11.00am - 1.00pm	Electrical Engineering	Talk	Talk on "LLL & GoT" - (Life Long Learning & Google of Things)	53	2	
311	1 Oct	8.30am - 1.00pm	Project Management	Technical Visit	Technical Visit to Eco Sanctuary, Kuala Langat Project Site (Eco Sanctuary, Kuala Langat Project Site)	32	3	
312	1 Oct	9.00am - 11.00am	Women Engineers Section	AGM	3rd WE AGM	5	2	
313	4 & 5 Oct	8.30am - 5.00pm	Consulting Engineering	Workshop	3rd International Green Workshop and Exhibition (IGWE 2016) on "Green Energy and Environment with Innovative Infrastructure and Building Design"	120	11	Manage by IEM Training Centre
314	4 & 5 Oct	8.30am - 5.00pm	Oil, Gas and Mining	Course	2-Day Course on Technical Writing For Engineers And Technical Personnels	21	12.5	
315	5 Oct	5.30pm - 7.30pm	Building Service	Talk	Talk on "Smart Water Management in Vertical & Roof Top Gardens Using Hydrophilic Soiless Technology"		Applying	Postponed. New date TBA
316	5 Oct	9.30am - 1.00pm	Mechanical	Visit	Technical Visit To Klia1 Baggage Handling System	22	3	
317	6 Oct	5.30pm - 7.30pm	Mechanical	Talk	Talk on "An Engineering Approach to Achieve World-Class"	26	2	
318	6 & 7 Oct	9.00am - 5.00pm	Highway & Transportation	Course	2-Day Course on "Introduction To Railway Systems And Permanent Way Engineering"	13	13	
319	7 Oct	9.00am - 5.00pm	Highway & Transportation	Course	One Day Course on "Technique of Writing Incident Reports"		6.5	Postponed
320	8 Oct	9.00am - 1.00pm	Electrical Engineering	Visit	Technical Visit to High Voltage Test Lab Sdn Bhd	16	3	
321	10 Oct	9.00am - 2.00pm	Electrical Engineering	Visit	Technical Visit to UM Power Energy Dedicated Advanced Centre (UMPEDAC),		3	Postponed
322	10 & 11 Oct	8.30am - 5.30pm	Project Management	Course	2-Day Course on Construction Contracts - Traps and Pitfalls	55	14	
323	11 Oct	5.30pm - 7.00pm	Geotechnical	Talk	Evening Talk on Excavation Support using Deep Soil Mixing Wall	88	2	
324	12 Oct	5.30pm - 7.30pm	Standing Committee on Welfare & Service Matters	Talk	Talk on Engineers and Engineering in Humanitarian Efforts During Disasters and Crisis	22	2	
325	13 Oct	5.30pm - 7.30pm	Women Engineers Section	Talk	Talk on Role of Corrosion Engineer for Sustainable Operation of Asset (Oil and Gas Industry)	12	2	
326	15 Oct	8.30am - 1.00pm	Engineering Education	Visit	Technical Visit & Talk to Aerospace Manufacturing Research Centre (AMRC), UPM, Serdang	280	4	
327	15 Oct	9.00am - 1.00pm	Agricultural and Food Engineering	Visit	Technical Visit to Allen Gwynnes Pump Sdn. Bhd.	15	3.5	
328	15 Oct	9.00am - 11.00am	Mechanical	Pre AGM Talk	Talk on "10 Things That You Should Know About Urban Railways (metros)"	82	2	



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329	15 Oct	11.00am - 1.00pm	Mechanical	AGM	31st METD AGM	80	2	
330	15 Oct	9.00am - 11.00am	Project Management	Talk	Talk on Managing Offshore Brownfield Project 2nd Series – Cost Control Management	20	2	
331	18 Oct	9.00am - 5.30pm	Mechanical	Course	One-Day Course on “EN81-20 Safety rules for the construction and installation of lifts – Part 20: Passenger and goods passenger lifts”	21	7	
332	19 Oct	5.30pm - 7.30pm	Building Service	Talk	Talk on “E/One Low Pressure Sewer Systems”	30	2	
333	19 Oct	5.30pm - 7.30pm	Civil & Structural	Talk	Talk on “Certification of Construction Materials & Products”	37	2	
334	20 Oct	8.30am - 5.30pm	Oil, Gas and Mining		Introduction To Demolition Using Explosives	0	6.5	Postponed to 15 February 2017
335	20 Oct	5.30pm - 7.30pm	Building Service	Talk	Talk on “ISO31000 Risk Management - Risk Based Thinking in MS9001:2015 & MS14001 :2015”	23	2	
336	22 Oct	9.00am - 11.00am	Highway & Transportation	Talk	Talk on “Application of Mobile Laser Scanner technology in Highway and Transportation Engineering”	44	2	
337	22 Oct	9.00am - 11.00am	Agricultural and Food Engineering	Talk	Talk on “Safety Management System Framework-Going Beyond Compliance”	20	2	
338	24 Oct	9.00am - 5.00pm	Highway & Transportation	Outdoor	Hike to RAF B-24 Liberator (KL654R) Aircraft Crash Area - Gunung Telapak Buruk	7	Nil	
339	24 - 25 Oct	8.30am - 6.00pm	Subcommittee on Engineering Contracts, PPC	Course	2-Day Course on Malaysian Civil Engineering Standard Method of Measurement (MyCESMM) with Details on Rail Track and Tunnelling Works - Module 1 (Part 3)	9	15	Manage by IEM Academy Sdn Bhd
340	25 Oct	8.30am - 5.30pm	Public Sector	Course	1 Day Course on “GST - Addressing the Concerns of Consulting Engineering Firms”	42	7	
341	25 Oct	5.30pm - 7.30pm	Engineering Education	Talk	Talk on “AC Drive System”	39	2	
342	26 Oct	5.30pm - 7.30pm	Information and Communications Technology	Talk	Talk on “Time-Synchronized wireless sensor Networks for Structural Health Monitoring”	24	2	
343	27 Oct	9.00am - 5.00pm	Information and Communications Technology	Workshop	One Day Workshop on “Asterisk IP-PBX and Unified Communication”	8	6	
344	27 Oct	2.00pm - 5.00pm	Seniors	Visit	Technical Visit to the Kuala Lumpur Regional Centre for Arbitration	27	2	
345	1 Nov	5.30pm - 7.30pm	Engineering Education	Talk	Talk on “Forensic Engineering : An Overview”	52	2	
346	2 Nov	5.30pm - 7.30pm	Mechanical	Talk	Talk on “Railway Signalling Overview and Its Application in Malaysia”	35	2	



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347	3 Nov	5.30pm - 7.30pm	Engineering Education	Talk	Talk on "The Hype & Reality of the Internet of Things in Malaysia"	25	2	
348	5 Nov	9.00am - 1.00pm	Sub Committee on Log Book (LBTS)	Workshop	2nd Mentors Workshop 2016 : "Log Book Training Scheme – Guidelines for Mentors"	85	3.5	
349	5 Nov	9.00am - 11.00am	Engineering Education	Talk	Talk on "TVET, A Case for Transformation"	26	2	
350	5 Nov	9.00am - 11.00am	Highway & Transportation	Talk	Pre AGM Talk on "on Road Safety Audit (RSA) & Traffic Management Plan (TMP) During Construction"	93	2	
351	5 Nov	11.00am - 1.00pm	Highway & Transportation	AGM	HTETD's 25th AGM	70	2	
352	5 Nov	9.00am - 1.00pm	Electrical Engineering	Forum	Roundtable Discussion (Technical) For Young And Student Engineers On How To Solve Today's Engineering Problems	15	3	
353	7 - 8 Nov	9.00am - 5.30pm	Young Engineers Section	Course	2 Day Course on Basic Project Management for Engineers	20	14	
354	8 Nov	9.00am - 1.00pm	Environmental	Visit	Kapar Energy Ventures Stesen Janaelektrik Sultan Salahuddin Abdul Aziz	32	3	
355	8 - 10 Nov	8.30am - 5.30pm	Highway & Transportation	Conference	10th Asia Pacific Conference on Transport and Environment (APTE)	60	11	
356	9 Nov	9.00am - 5.30pm	Mechanical	Course	One-Day Course on "Maintenance of Lifts and Escalators"	22	7	
357	10 Nov	9.00am - 1.00pm	Highway & Transportation	Technical Visit	Technical Visit To Malaysia Highway Authority – Traffic Management Centre	23	3	
358	10 Nov	5.30pm - 7.30pm	Information and Communications Technology	Talk	Evening Talk on Programming for Engineers	28	2	
359	12 Nov	9.00am - 1.00pm	Water Resources	Talk	Talk on "Rationalisation of Sewerage System in Malaysia"		2	Postponed
360	12 Nov	9.00am - 1.00pm	Public Sector	Visit	Top Glove	8	2	
361	12 Nov	9.00am - 11.00am	Oil, Gas and Mining	Talk	Talk on Overview of Centrifugal Pump Basic Principles: The Theory and Application	68	2	
362	13 & 14 Nov	9.00am - 5.30pm	Tunnelling & Underground Space	Seminar	Training Session - Risk Management in Tunnelling	60	13	
363	15 Nov	8.30am - 5.30pm	Chemical	Course	One Day Course on Safety Integrity Level (SIL) Training for Workshop Participants	15	6.5	
364	15 Nov	9.00am - 1.00pm	Seniors	Visit	Technical Visit to IJN's Biomedical Engineering Facilities	21	3	
365	15 Nov	9.00am - 1.00pm	Electrical Engineering	Seminar	IEM – ST Awareness Half Day Seminar on MEPS for Motors	110	3.5	
366	15 Nov	7.00am - 1.30pm	Oil, Gas and Mining	Visit	Technical Visit to Universiti Teknologi Petronas	0	2.5	Cancelled





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367	15 Nov	7.00am - 1.30pm	Civil & Structural	Visit	Technical Visit to Dura Technology Sdn Bhd	16	3	
368	16 Nov	8.30am - 6.00pm	The Fire Advisory Board (FAB), PPC	Workshop cum Forum	Joint Bomba Professional Workshop and Forum	260	6.5	
369	16 Nov	5.30pm - 7.30pm	Engineering Education	Talk	Talk on "Negotiation Skills for Business Applications"	48	2	
370	17 Nov	5.30pm - 7.30pm	Tunnelling & Underground Space	Talk	Talk on Construction of Hulu Terengganu Hydroelectric Project	45	2	
371	17 Nov	5.30pm - 7.30pm	Marine Engineering and Naval Architecture	Talk	Talk on Skill Sets necessary in Marine Industry – A Practitioner's Perspective	13	2	
372	18 Nov	5.30pm - 7.30pm	Information and Communications Technology	Talk	Talk on "PYTHON" - The Language of Science and Engineering for Engineers	18	2	
373	19 Nov	9.00am - 11.00am	Tunnelling & Underground Space	Talk	Talk on "Cost Effective and Risk Free Underground Infrastructure Solutions"	90	2	
374	19 Nov	11.00am - 1.00pm	Project Management	Talk	Talk on Moving from ISO 9001:2008 to ISO 9001:2015	55	2	
375	21 Nov	5.30pm - 7.30pm	Electrical Engineering	Talk	Talk on "4 pillars of Transformer Condition Monitoring"	25	2	
376	21 - 23 Nov	8.30am - 5.30pm	Mechanical	Conference	15th ASIAN Congress on Fluid Mechanics	126	15	
377	23 Nov	8.30am - 5.00pm	Engineering Education	Seminar	One Day Seminar on "Solid State Lighting"		6	Postponed
378	23 Nov	5.30pm - 7.30pm	Geotechnical	Talk	Evening Talk on Design & Construction of Auger Cast Piling	89	2	
379	24 Nov	5.30pm - 7.30pm	Women Engineers Section	Talk	Talk on Public Private Partnership - Knowledge & Best Practices in Infrastructure Development	16	2	
380	26 Nov	9.00am - 5.00pm	Information and Communications Technology	Workshop	One Day Workshop on "PYTHON" - The Language of Science and Engineering for Engineers	24	6.5	
381	26 Nov	11.00am - 1.00pm	Project Management	Talk	Talk on Managing Wireless Communication Swap Projects	25	2	
382	26 Nov	9.00am - 1.00pm	Agricultural and Food Engineering	Visit	Technical Visit to Palm Mach Sdn Bhd	11	3.5	
383	26 Nov	9.00am - 1.00pm	Tunnelling & Underground Space	Technical Visit	Technical Visit to "SPC Industries Sdn. Bhd." in Sg Gadut, Senawang, Negeri Sembilan	8	2.5	
384	28 Nov	5.30pm - 7.30pm	Subcommittee on Dispute Avoidance and Resolution Practice	Workshop	Workshop on Dispute Avoidance - No.2	24	2	
385	28 - 29 Nov	8.30am - 5.30pm	Chemical	Course	2 Day Course on Fluid Mechanics : Impacts on Line, Pump & Compressor Sizing	14	13	



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386	28 - 29 Nov	8.30am - 5.30pm	Marine Engineering and Naval Architecture	Course	2 Day Course on Basic Welding Knowledge in Engineering & Construction	39	14.5	
387	29 Nov	8.30am - 6.30pm	Geotechnical	Seminar	IEM-MSIA Joint Seminar on Geophysical Techniques and Experiences in Ground Engineering Applications	164	7	Manage by IEM Academy Sdn Bhd
388	30 Nov	8.30am - 5.00pm	Engineering Education	Workshop	One Day Workshop on "Developing Applications for Android Mobile Operating System"	19	6	
389	30 Nov	8.30am - 5.15pm	Agricultural and Food Engineering	Course	One Day Course on "Harness With Optimization The Indigenous Renewable Energy Resources Is The Best Option For Sustainability. Renewable Energy From Biogas & Biomass Can Be Your Good & Viable Options"	25	6.5	
390	1 Dec	8.30am - 12.15pm	Environmental	Visit	Technical Visit to Pantai 2 Sewage Treatment Plant, Pantai Dalam	33	3	
391	1 Dec	12.00pm - 5.00pm	Mechanical	Visit	Technical Visit to MHE- Demag	4	3	
392	2 Dec	7.00am - 2.00pm	Tunnelling & Underground Space	Technical Visit	Technical Visit to TBM Refurbishment Centre in Pusing Perak	15	3	
393	3 Dec	9.00am - 1.00pm	Women Engineers Section	Course	Half Day Course on Corosion Management		Applying	Postponed
394	3 Dec	9.00am - 11.00am	Agricultural and Food Engineering	Talk	PRE-AGM TALK ON "Biogas Capture & Its Utilization"	51	2	
395	3 Dec	11.00am - 1.00pm	Agricultural and Food Engineering	AGM	18th Annual General Meeting	47	2	
396	5 - 6 Dec	8.30am - 5.30pm	Project Management	Course	2-Day Design And Build Contracts – Obligations And Responsibilities	67	14	
397	5 - 6 Dec	8.30am - 5.30pm	Electrical Engineering	Symposium	IEM - Standards Malaysia Electrotechincal Symposium & Exhibition 2016	450	10.5	
398	6 Dec	5.30pm - 7.30pm	Consulting Engineering	Talk	Talk on "Opportunities in the Nuclear Power Sector & Nuclear Education & Training – International Best Practices"	34	2	
399	7 Dec	5.30pm - 7.30pm	Mechanical	Talk	Talk on "The Next Industry Revolution: The Future Revolution of Global Engineering"		2	Postponed
400	8 Dec	9.00am - 2.30pm	Information and Communications Technology	Visit	Technical Visit to Amcorp Perting 6MW Mini Hydropower Plant	18	4	
401	8 Dec	5.30pm - 7.30pm	Mechanical	Talk	Talk On "Life Extension Technique for Welded Structure	31	2	
402	8 Dec	5.30pm - 7.30pm	Seniors	Talk	Talk on Cardiopulmonary Resuscitation (CPR) For Engineers	12	0	
403	8 - 9 Dec	8.30am - 5.30pm	Building Service	Course	Two Day Course on "Fire Control Concept & Design of Active Wet Systems"	13	12	



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
404	9 Dec	5.30pm - 7.30pm	Subcommittee on Dispute Avoidance and Resolution Practice	Talk	Talk on Liquidated Damages Under Construction Contracts	55	2	
405	9 Dec	5.30pm - 7.30pm	Electrical Engineering	Course	1 Day–Course on Inspection and Testing of Low Voltage Electrical Installations (Wiring) of Buildings (Electrical Installations) to MS IEC/IEC/EN 61557, MS IEC (IEC) 60364 – 6, “The Regs.” (BS 7671 Chapter 6 (IET/IEE Wiring Regulations)) and Asean Electrical Inspectorate (AEI) Guidelines		6	Postponed
406	10 Dec	9.00am - 11.00am	Electrical Engineering	Talk	Talk on “Emerging Trends and Opportunities in Biomedical Engineering”		2	Postponed
407	10 Dec	11.00am - 1.00pm	Electrical Engineering	Talk	Talk on “Occupational Safety and Health (Notification of Accident, Dangerous Occurrence, Occupational Poisoning and Occupational Disease ) Regulations 2013”	42	2	
408	14 Dec	9.00am - 1.00pm	Electrical Engineering	Visit	Technical Visit to Technical Visit to CELP, Universiti Putra Malaysia, Serdang	14	3.5	
409	14 Dec	9.00am - 5.30pm	Mechanical	Course	One-Day Course on “Vertical Transportation Systems”		7	Postponed
410	14 Dec	5.30pm - 7.30pm	Mechanical	Talk	Talk on “Automotive Aerodynamics and Hydrodynamics”	9	2	
411	14 Dec	5.30pm - 7.30pm	Women Engineers Section & Geotechnical	Talk	Evening Talk on Engineering Case Study in Slope Stabilization Works	50	2	
412	14 - 15 Dec	8.30am - 5.30pm	Project Management	Course	2-Day Course on Fundamentals of Successful of	45	14	
413	15 - 16 Dec	8.30am - 5.00pm	Project Management	Course	Project Planning & Control Using Primavera P6 Client Fundamentals		13	Postponed
414	17 Dec	9.00am - 11.00am	Oil, Gas and Mining	Pre-AGM Talk	Medical Gas Piping System : Requirements And Management	65	2	
415	17 Dec	11.00am - 1.00pm	Oil, Gas and Mining	AGM	26th Annual General Meeting	53	2	
416	19 Dec	9.00am - 5.00pm	Project Management	Course	Understanding ISO 9001:2015 for Business Improvement	25	6	
417	19 Dec	5.30pm - 7.30pm	Consulting Engineering	Talk	Talk on “Overview of Hong Kong Recent Infrastructure Development”	48	2	
418	20 Dec	5.30pm - 7.30pm	Consulting Engineering	Talk	Talk on “Furutec Busduct System – Serving Different Applications & Meeting Customer’s Expectation & Specification”	15	2	
419	20 - 21 Dec	8.30am - 6.00pm	Subcommittee on Engineering Contracts, PPC	Course	2-Day Course on Malaysian Civil Engineering Standard Method of Measurement (MyCESMM) with Details on Water and Wastewater Works - Module 1 (Part 4)	27	15	Manage by IEM Academy Sdn Bhd
420	20 - 21 Dec	9.00am - 5.30pm	Mechanical	Course	Two-Day Course on “Boiler Design & Efficiency”	19	14	



NO	DATE	TIME	ORGANISED BY / SUPPORTED BY	NATURE	TITLE	NO. OF PAX	CPD/PDP Hours	REMARKS
421	21 Dec	9.30am - 1.00pm	Information and Communications Technology	Visit	Technical Visit to Exitra Data Centre	14	3	
422	21 Dec	5.30pm - 7.30pm	Water Resources	Talk	Talk on "Water Quality Improvement and Pollution Control: Ways to Implement TMDL Measures in Malaysia"	36	2	
423	22 Dec	9.00am - 1.00pm	Information and Communications Technology	Visit	Technical Visit to Huawei Technologies (Malaysia) Sdn. Bhd. - Customer Solution Innovation & Integration Experience Center (CSIC)	10	3	
424	22 - 23 Dec	9.00am - 5.30pm	Electrical Engineering	Course	2 Day Intensive Course on Design, Protection, Sizing, Installation and, Inspection and Testing of Low Voltage Electrical Installations (Wiring) of Healthcare Facilities to MS IEC (IEC) 60364 – 7 – 710 & MS 2366, and HTM 06 – 01 Part A & B		10	Postponed
425	23 Dec	5.30pm - 7.30pm	Consulting Engineering	Talk	Talk on "How to be a better (consultant) engineer" A personal perspective from a practicing professional engineer ... for better employment	34	2	
426	28 Dec	9.00am - 1.00pm	Environmental	Visit	Technical Visit to KLIA 2	28	2.5	



**HONORARY TREASURER'S REPORT**

1. The 2016 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 accounts presented refer to the financial performance of IEM and do not include the financial position of the IEM Branches who file their financial statements with the IRB of the respective States.
3. The total income for year 2016 is RM6,005,611 which is RM963,395 higher than that of year 2015. The total income included RM544,686 being net income from Institutional services, RM599,924 – net income from rental and RM301,856 – dividend received from IEM Training Centre Sdn Bhd.
4. This improvement is due partially to additional dividend received from IEM Training Centre. The normal dividend received each year was RM100,000. In addition, the Institution had made considerable surplus from activities organized in 2016 namely the Southeast Asian Geotechnical Conference held from 31st May to 2nd June 2016 which contributed a share of surplus amounting to RM260,921, IEM's 56th annual dinner contributed RM91,477 as well as income from Technical Division's activities contributing RM604,628.
5. The main source of income continue to be annual subscriptions which amounted to RM3,440,942 for 2016.
6. The total expenditure of the Institution was RM4,470,160, which was RM78,185 lower than that of year 2015. The main operating expenditure items were personnel emoluments RM2,508,251, administrative expenses RM1,209,311, finance cost (term loan interest) RM202,236 and Branch Subsidies RM458,570.

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**Dr. Wang Hong Kok**  
Honorary Treasurer

**HONORARY INTERNAL AUDITOR'S REPORT**

I have examined the Balance Sheet as at 31st December 2016, the Income and Expenditure Account together with Notes on the Accounts set out on pages 205 to 221, 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. TIONG NGO PU**  
Honorary Internal Auditor

.....  
**Ir. AWANGKU HIDUP BIN AWANGKU HOSAIN**  
Honorary Internal Auditor



STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2016

	Note	2016 RM	2015 RM
<b>Non-current assets</b>			
Property, plant and equipment	3	17,931,435	18,307,835
Investment in subsidiaries	4	200,000	100,002
		<b>18,131,435</b>	<b>18,407,837</b>
<b>Current assets</b>			
Short term investment	6	48,273	50,000
Trade and non-trade receivables	7	2,004,798	2,469,143
Tax recoverable		82,832	13,951
Fixed deposits with licensed bank	8	2,604,710	2,191,845
Cash and bank balances		1,305,715	833,193
		<b>6,046,328</b>	<b>5,558,132</b>
		<b>24,177,763</b>	<b>23,965,969</b>
<b>Financed by:</b>			
<b>Capital and reserves</b>			
Accumulated fund	8	7,019,509	5,554,991
Capital reserve fund	9	3,394,874	3,440,270
Capital contribution reserve	10	3,365,856	3,141,210
Library fund	11	622,854	597,847
Building fund	12	3,158,363	3,028,926
		<b>17,561,456</b>	<b>15,763,244</b>
<b>Non-current liabilities</b>			
Trade and non-trade payables	13	888,534	-
Borrowings	14	2,012,816	2,957,362
		<b>2,901,350</b>	<b>2,957,362</b>
<b>Current liabilities</b>			
Trade and non-trade payables	13	3,528,947	4,982,465
Borrowings	14	186,010	262,898
		<b>3,714,957</b>	<b>5,245,363</b>
		<b>6,616,307</b>	<b>8,202,725</b>
<b>TOTAL LIABILITIES</b>		<b>6,616,307</b>	<b>8,202,725</b>
<b>TOTAL EQUITY AND LIABILITIES</b>		<b>24,177,763</b>	<b>23,965,969</b>

STATEMENTS OF INCOME AND EXPENDITURE FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

	Note	2016 RM	2015 RM
<b>Income</b>			
Interest income		66,117	69,273
Members' subscription fees		3,440,942	3,446,637
Membership reinstatement fees		16,395	20,201
Seminar and conference income		250,801	31,420
Subscriptions recovered		67,857	27,594
Miscellaneous income:			
- Arbitration processing fees		3,000	1,000





- Arbitration levy		11,362	15,328
- Credit cards commission		75,766	82,517
- Others		378,796	314,777

4,311,036 4,008,747

**Less: Expenditure**

Personnel emoluments and benefits	15	(2,508,251)	(2,312,031)
Administrative expenses	16	(1,209,311)	(1,168,368)
Branch subsidies	17	(458,570)	(489,950)
Inter-society activities	18	(11,541)	(10,863)
Donation		(80,000)	-
GST not claimable		(541)	(1,357)
Subscription in arrears written off		(212,277)	(483,486)
Depreciation of property, plant and equipment		(69,669)	(82,290)

(4,550,160) (4,548,345)

**Deficit from core institutional activities**

**Surplus from institutional services** 19 544,686 318,139

**Operational surplus/(Deficit)**

305,562 (221,459)

Surplus from rental income	20	599,924	613,597
Amortised Cost adjustment	13	248,109	-
Dividend		301,856	101,733
<b>Surplus before taxation</b>		1,455,451	493,871
Tax income/(expense)	21	9,067	(126,208)

Surplus for the year 1,464,518 367,663

**Other contributions received:**

**Capital reserve fund**

Contribution from branches 9 14,604 14,604

**Library fund**

Enrollment fees and donation received 11 25,007 24,956

**Building fund**

Donation received 12 129,437 136,628

169,048 176,188

**Total surplus and other contributions received for the financial year** 1,633,566 543,851

**STATEMENTS OF RECOGNISED GAINS AND LOSSES FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016**

	2016	2015
	RM	RM
<b>Total surplus and other contributions received for the financial year</b>	1,633,566	543,851

**STATEMENTS OF CASH FLOWS FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016**

	2016	2015
	RM	RM
<b>Cash flows from operating activities</b>		
Total surplus and other contributions received	1,633,566	543,851
Tax (income)/expense	(9,067)	126,208
<b>Total surplus and other contributions received before tax</b>	1,624,499	670,059



**Adjustments for:**

Depreciation of property, plant and equipment	529,436	537,200
Finance costs	202,236	290,618
Dividend income	(301,856)	(101,733)
Interest income	(66,117)	(69,273)
Amortised cost adjustment	(248,109)	-

<b>Operating surplus before changes in working capital</b>	<b>1,740,089</b>	<b>1,326,871</b>
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**Changes in working capital:**

Increase in receivables	229,276	469,936
Decrease in subscription in arrears	235,069	125,387
Decrease in payables	(281,007)	(20,276)
Decrease in subscription in advance	(35,868)	(130,111)

<b>Cash generated from operations</b>	<b>1,887,559</b>	<b>1,771,807</b>
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Interest paid	(202,236)	(290,618)
Income taxes paid	(59,814)	-

<b>Net cash from operating activities</b>	<b>1,625,509</b>	<b>1,481,189</b>
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**Cash flows from investing activities**

Investment in subsidiary	(99,998)	-
Short term investment	1,727	-
Interest received	66,117	69,273
Dividend received	301,856	101,733
Purchase of property, plant and equipment	(153,036)	(117,768)
Entrance and transfer fees capitalised	224,646	260,990

<b>Net cash from investing activities</b>	<b>341,312</b>	<b>314,228</b>
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**Cash flows from financing activities**

Repayment of borrowings	(1,081,434)	(2,798,330)
Increase in fixed deposits	(468,373)	868,878

<b>Net cash used in financing activities</b>	<b>(1,549,807)</b>	<b>(1,929,452)</b>
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<b>Net increase/(decrease) in cash and cash equivalents</b>	<b>417,014</b>	<b>(134,035)</b>
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<b>Cash and cash equivalents at beginning of year</b>	<b>1,018,242</b>	<b>1,152,277</b>
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<b>Cash and cash equivalents at end of year</b>	<b>1,435,256</b>	<b>1,018,242</b>
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**Cash and cash equivalents comprise:**

Cash and bank balances	1,609,388	1,488,445
Fixed deposits with a licensed bank with original maturities less than 3 months (Note 7)	129,541	185,049
Less: Bank balances held in trust		
- ASEAN Engineering Register	(243,290)	(585,535)
- ASEAN Federation Engineering Organisation	(60,383)	(69,717)

	<b>1,435,256</b>	<b>1,018,242</b>
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**Note:** (i) *Purchase of property, plant and equipment.*

During the financial year, the Institution made the following cash payments to purchase property, plant and equipment:

	<b>2016</b>	<b>2015</b>
	<b>RM</b>	<b>RM</b>
Purchase of property, plant and equipment	153,036	331,695
Less: Increase in capital contribution fund (Note 9)	-	(213,927)

<b>Cash payment on purchase of property, plant and equipment</b>	<b>153,036</b>	<b>117,768</b>
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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 2016**

**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 rules of the Institution.

The financial statements of the Institution have been prepared under the historical cost convention, unless otherwise indicated in the significant accounting policies below.

The financial statements of the Institution for the financial year ended 31 December 2016 prepared in accordance with MPERS and Section 35 Transition to the MPERS has been applied, being the first year of adoption.

The Institution has however not consolidated the results and financial position of its subsidiaries as disclosed in Note 4 to the financial statements in accordance with the requirements of Section 9 *Consolidated and Separate Financial Statements* of MPERS as the financial statements of the subsidiaries have not been audited at the date of preparation of these financial statements. The financial statements of the subsidiaries will be represented separately to the Council upon completion of their audit.

The transition to MPERS does not have financial impact to the financial statements of the Institution.

**(b) Functional and Presentation Currency**

These financial statements are presented in Ringgit Malaysia ("RM"), which is 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 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:

**Useful lives of property, plant and equipment**

The Institution regularly reviews 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.

**Impairment of loans and receivables**

The Institution assesses 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 Institution considers 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.

**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 Institution recognises 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) 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 (i).

#### (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 profit or loss 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 profit or loss.

#### (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 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%
Building renovation	5%
Lift	10%
Library software	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.

### (b) Financial instruments

Financial assets and financial liabilities, including derivative instruments, are recognised on the statements of financial position when, and only when, 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 profit or loss in period in which they are incurred.

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 profit or loss 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 Institution has 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 profit or loss.

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 profit or loss.

**(c) 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 Statement of Income and Expenditure.

**(d) 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 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.

**(e) 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.

**(f) Capital reserve fund**

Fund raised from members for the purchase of property, plant and equipment are capitalised as Capital Reserve Fund.

**(g) 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.

**(h) 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.

**(i) 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 Institution'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 profit or loss.

**(j) Revenue**

***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.





***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.

***Rental income***

Rental income is recognised when the right to receive payment is established.

***Credit cards commission***

Credit cards commission from the banks are recognised when the right to receive payment is established.

***Interest Income***

Interest income is recognised on accruals basis using the effective interest method.

***Dividend income***

Dividend income is recognised when the right to received payment is established.

**(k) 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 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 Institution has no further payment obligations.

**(l) 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 Institution incurred in connection with the borrowing of funds.

**(m) 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**

	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
<b>2016 Cost</b>										
At 1 January	330,279	660,557	19,412,320	315,943	1,872,910	319,971	42,077	998,554	231,650	24,184,261
Additions	-	-	-	5,977	33,559	-	-	113,500	-	153,036
<b>At 31 December</b>	<b>330,279</b>	<b>660,557</b>	<b>19,412,320</b>	<b>321,920</b>	<b>1,906,469</b>	<b>319,971</b>	<b>42,077</b>	<b>1,112,054</b>	<b>231,650</b>	<b>24,337,297</b>
<b>Accumulated depreciation</b>										
At 1 January	-	168,844	2,934,473	228,980	1,577,966	319,483	8,416	522,439	115,825	5,876,426
Charge for the financial year	-	13,211	379,534	7,679	57,685	97	4,208	43,857	23,165	529,436
<b>At 31 December</b>	<b>-</b>	<b>182,055</b>	<b>3,314,007</b>	<b>236,659</b>	<b>1,635,651</b>	<b>319,580</b>	<b>12,624</b>	<b>566,296</b>	<b>138,990</b>	<b>6,405,862</b>
<b>Carrying value</b>										
<b>At 31 December</b>	<b>330,279</b>	<b>478,502</b>	<b>16,098,313</b>	<b>85,261</b>	<b>270,818</b>	<b>391</b>	<b>29,453</b>	<b>545,758</b>	<b>92,660</b>	<b>17,931,435</b>

	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
<b>2015 Cost</b>										
At 1 January	330,279	660,557	19,198,393	305,853	1,783,532	319,971	42,077	980,254	231,650	23,852,566
Additions	-	-	213,927	10,090	89,378	-	-	18,300	-	339,695
<b>At 31 December</b>	<b>330,279</b>	<b>660,557</b>	<b>19,412,320</b>	<b>315,943</b>	<b>1,872,910</b>	<b>319,971</b>	<b>42,077</b>	<b>998,554</b>	<b>231,650</b>	<b>24,184,261</b>
<b>Accumulated depreciation</b>										
At 1 January	-	155,633	2,554,938	221,565	1,507,396	319,386	4,208	483,440	92,660	5,339,226
Charge for the financial year	-	13,211	379,535	7,415	70,570	97	4,208	38,999	23,165	537,200
<b>At 31 December</b>	<b>-</b>	<b>168,844</b>	<b>2,934,473</b>	<b>228,980</b>	<b>1,577,966</b>	<b>319,483</b>	<b>8,416</b>	<b>522,439</b>	<b>115,825</b>	<b>5,876,426</b>
<b>Carrying value</b>										
<b>At 31 December</b>	<b>330,279</b>	<b>491,713</b>	<b>16,477,847</b>	<b>86,963</b>	<b>294,944</b>	<b>488</b>	<b>33,661</b>	<b>476,115</b>	<b>115,825</b>	<b>18,307,835</b>

As at 31 December 2016, the document of title in respect of properties with an aggregate carrying value of RM 577,008 (2015: 580,543) has yet to be issued by the authorities.

Included in leasehold land and buildings are assets with a total carrying value of RM 11,641,902 (2015: RM 11,926,713) which have been pledged to licensed banks as security for term loan facilities granted to the Institution as disclosed in Note 14 to the financial statements.

Fully depreciated property, plant and equipment which still in use are as follows:

	<b>2016 RM</b>	<b>2015 RM</b>
Furniture and fittings	175,420	169,638
Office and other equipment	1,312,578	1,167,214
Library books	318,996	318,996
Building renovation	218,583	218,583
	<b>2,025,577</b>	<b>1,872,431</b>



4. Investment in subsidiaries

	2016 RM	2015 RM
Unquoted shares, at cost	200,000	100,002

Details of the investment in subsidiaries are as follows:

Name of subsidiary	Principal Activities	Country of Incorporation	Effective ownership interest 2016	Effective ownership interest 2015
			%	%
IEM Training Centre Sdn. Bhd. *	Organising conferences, seminars and trainings	Malaysia	100	100
IEM Academy Sdn. Bhd. *	Provide competency and certification training programmes	Malaysia	99.98	-

\* Not audited by PKF

On 17 June 2016, the Institution acquired IEM Academy Sdn. Bhd.

5. Short term investment

	2016 RM	2015 RM
At market value:		
Unit trust	48,273	50,000

6. Trade and non-trade receivables

Receivables are unsecured, interest-free and are payable on demand.

	2016 RM	2015 RM
Subscription in arrears	341,989	577,058
Non-trade receivables	1,509,512	1,742,718
Deposits	56,400	64,200
Amount due from a subsidiary	96,897	85,167
	2,004,798	2,469,143

The amount due from a subsidiary is non-trade in nature, unsecured, interest-free and is repayable on demand.

7. Fixed deposits with licensed banks

	2016 RM	2015 RM
Maturities more than 3 months	3,035,942	2,017,330
Maturities less than 3 months	129,541	185,049
Less: Fixed deposits held in trust	(560,773)	(10,534)
	2,604,710	2,191,845

Included in cash and bank balances of the Institution are RM22,691 (2015: RM 65,904) held as deposits for arbitration cases.

The amount was deposited with licensed banks as the fixed deposit for interest income purpose. The effective interest rate of the fixed deposit ranges from 2.95% to 3.45% (2015: 2.95% to 3.45%) per annum. The maturity of deposit as at the end of the financial year is 1 month to 12 months (2015: 1 month to 12 months).



8. Accumulated fund

	Note	2016 RM	2015 RM
Opening balance		5,554,991	5,187,328
Surplus for the financial year		1,633,566	543,851
		<b>7,188,557</b>	<b>5,731,179</b>

Transfer to:			
- Capital reserve fund	9	(14,604)	(14,604)
- Library fund	11	(25,007)	(24,956)
- Building fund	12	(129,437)	(136,628)

**7,019,509**      **5,554,991**

9. Capital reserve fund

	Note	2016 RM	2015 RM
Opening balance		3,440,270	3,271,739
Addition of property, plant and equipment	3	-	213,927
Repayment of term loan by Sabah branch		160,500	160,500
Drawdown of repayment		(220,500)	(220,500)
Transfer from Accumulated fund	8	14,604	14,604

**3,394,874**      **3,440,270**

10. Capital contribution reserve

	Note	2016 RM	2015 RM
Opening balance		3,141,210	2,880,220
Entrance and transfer fees		224,646	260,990

**3,365,856**      **3,141,210**

11. Library fund

	Note	2016 RM	2015 RM
Opening balance		597,847	572,891
Transfer from Accumulated fund	8	25,007	24,956

**622,854**      **597,847**

12. Building fund

	Note	2016 RM	2015 RM
Opening balance		3,028,926	2,892,298
Transfer from Accumulated fund	8	129,437	136,628

**3,158,363**      **3,028,926**



13. Trade and non-trade payables

	2016 RM	2015 RM
<b>Current:</b>		
Subscription in advance	1,737,586	1,773,454
Non trade payables	678,992	794,469
Deposits refundable	1,032,369	1,137,860
Amounts due to IEM Education Fund (Note (i))	80,000	1,276,682
	<b>3,528,947</b>	<b>4,982,465</b>
<b>Non-current:</b>		
Amounts due to IEM Education Fund (Note (i))	888,534	-
	<b>4,417,481</b>	<b>4,982,465</b>
Non-trade payables	1,216,643	1,276,682
Less: Amortised cost adjustment At 1 January	-	-
Add: Current year adjustment At 31 December	(248,109)	-
	<b>968,534</b>	<b>1,276,682</b>
<b>Representing:</b>		
Current	80,000	1,276,682
Non-current	888,534	-
	<b>968,534</b>	<b>1,276,682</b>

The amount for the non-current portion represents unsecured and interest-free advances with amortised cost adjustment at 6.35% per annum, which is payable based on the repayment schedule.

In prior year, the amount represented non-trade balances which were unsecured, interest free and repayable on demand.

14. Borrowings

	2016 RM	2015 RM
<b>Current</b>		
Term loan - secured	186,010	262,898
<b>Non-current</b>		
Term loan - secured	2,012,816	2,957,362
	<b>2,198,826</b>	<b>3,220,260</b>
Repayable within one year	186,010	262,898
Repayable between one to two years	186,010	262,898
Repayable between two to five years	558,028	788,694
Repayable more than five years	1,268,778	1,905,770
	2,012,816	2,957,362
<b>Total borrowings</b>	<b>2,198,826</b>	<b>3,220,260</b>

Details of the repayment terms are as follows:

Term loan	Monthly installment	Number of monthly installment	Date of commencement of repayment	2016 Amount outstanding	2015 Amount outstanding
	RM	RM	RM	RM	RM
1	1,217	240	January 2010	168,240	172,857
2	86,534	180	January 2008	687,996	1,641,297
3	13,357	180	September 2014	1,342,590	1,406,106
				<b>2,198,826</b>	<b>3,220,260</b>



**Security**

The term loans were secured via fixed charges over leasehold lands and buildings as mentioned in Note 3 to the financial statement.

The term loans are subject to interest rates ranging from Base Lending Rate ("BLR") -1.5% to BLR + 0.25% (2015: BLR -1.5% to BLR+0.25%) per annum.

At the reporting date, the BLR stood at 6.72% (2015: 7.10%) per annum.

**15. Personnel emoluments and benefits**

	<b>2016</b>	<b>2015</b>
	<b>RM</b>	<b>RM</b>
These represent expenses incurred in relation to:		
Salaries and wages	(1,917,250)	(1,772,544)
Staff allowance and ex-gratia	(235,753)	(184,553)
Overtime	(39,300)	(28,337)
EPF and SOCSO contributions	(296,802)	(268,294)
Medical expenses	(9,180)	(8,945)
Staff insurance	(2,348)	(17,194)
Staff training	(3,618)	(358)
Long service award	(4,000)	(9,000)
Staff trip	-	(22,806)
	<b>(2,508,251)</b>	<b>(2,312,031)</b>

The total number of employees of the Institution at 31 December 2016 was 39 (2015: 39) respectively.

**16. Administrative expenses**

	<b>2016</b>	<b>2015</b>
	<b>RM</b>	<b>RM</b>
These represent expenses incurred in relation to:		
Advertisement	(1,610)	(1,538)
Annual general meeting	(11,753)	(12,264)
Accountancy fee	(40,000)	(35,200)
Auditors' remuneration	(26,000)	(26,000)
Bank charges	(15,645)	(15,172)
Balloting expenses	(15,594)	(20,562)
Credit card charges	(61,928)	(47,550)
Fine and penalty	(1,111)	-
Insurance	(5,277)	(5,050)
Miscellaneous	(127,573)	(167,156)
Mailing services	(69,112)	(68,332)
Office expenses	(25,674)	(13,880)
Office printing and stationery	(235,404)	(170,558)
Office equipment maintenance	(8,517)	(3,538)
Postages	(348,322)	(367,184)
Position papers and Ad hoc committee	(30,697)	(3,418)
Professional, legal fee and tax service fees	(50,156)	(28,923)
Transport and traveling	(89,615)	(110,787)
Telephone, fax and internet	(45,323)	(71,256)
	<b>(1,209,311)</b>	<b>(1,168,368)</b>





17. Branch subsidies

	2016 RM	2015 RM
These represent subsidies given to the following branches:		
Negeri Sembilan branch	(24,400)	(25,850)
Southern branch	(56,860)	(60,150)
Perak branch	(44,450)	(46,000)
Penang branch	(43,970)	(46,300)
Malacca branch	(12,240)	(14,100)
Sarawak branch	(87,860)	(94,250)
Sabah branch	(102,400)	(113,800)
Miri branch	(23,490)	(24,300)
Kedah/Perlis branch	(26,130)	(26,800)
Kelantan branch	(7,500)	(6,900)
Terengganu branch	(9,070)	(10,250)
Pahang branch	(20,200)	(21,250)
	<b>(458,570)</b>	<b>(489,950)</b>

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.

18. Inter-society activities

	2016 RM	2015 RM
These represent subscriptions incurred in relation to:		
Balai Ikhtisas Malaysia (BIM)	(1,500)	(1,500)
World Federation of Engineering Organisations (WFEO)	(3,231)	(2,739)
ASEAN Federation of Engineering Organisation (AFEO)	(831)	(760)
Confederation of Scientific and Technological Association Malaysia (COSTAM)	(100)	(100)
Federation of Engineering Institutions of Asia and the Pacific (FEIAP)	(3,179)	(3,040)
Building Management Association of Malaysia (BMAM)	(500)	(500)
Malaysia Green Building Confederation (MGBC)	(200)	(124)
SIRIM	(500)	(500)
Malaysian Service Providers Confederation (MSPC)	(500)	(500)
CREAM	-	(100)
SIRIM Technical Library	(1,000)	(1,000)
	<b>(11,541)</b>	<b>(10,863)</b>

19. Surplus from institutional services

	2016 RM	2015 RM
These represent surplus from the following:		
Council	(16,440)	(12,763)
Executive committee	(14,501)	(23,204)
Standing committee on:		
- Activities	22 42,444	(61,223)
- Admissions and practical training	23 38,161	(23,630)
- Examinations and qualifications	24 (39,639)	3,204
- Finance	(4,088)	(5,790)
- Professional practice	68,401	32,667
- Information and publications	25 50,124	71,860
- Welfare and service matters	26 2,579	(48,800)
- Corporate affairs	27 (104,081)	(56,917)
Technical divisions	28 604,628	493,086
Library committee	(72,563)	(65,751)
Young engineer section	29 (13,737)	56
Awards committee	(5,723)	(4,944)
Woman engineers section	9,121	20,288
	<b>544,686</b>	<b>318,139</b>



20. Surplus from rental income

	Note	2016 RM	2015 RM
Rental Income:			
- Bangunan Ingenieur		222,296	240,746
- Wisma IEM		1,248,823	1,293,473
- Sabah Training Centre		237,849	264,000
		<b>1,708,968</b>	<b>1,798,219</b>
Less Expenditure:			
- Bangunan Ingenieur	30	(242,119)	(235,356)
- Wisma IEM	31	(161,422)	(160,238)
- Sabah Training Centre	32	(43,500)	(43,500)
- Depreciation		(459,767)	(454,910)
- Finance Costs		(202,236)	(290,618)
		<b>(1,109,044)</b>	<b>(1,184,622)</b>
		<b>599,924</b>	<b>613,597</b>

21. Tax (income)/expense

		2016 RM	Institution 2015 RM
Current tax			
- current period		57,327	126,208
- over provision in prior year		(66,394)	-
		<b>(9,067)</b>	<b>126,208</b>

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

	2016 RM	2015 RM
Surplus before taxation	1,455,451	493,871
Income tax using statutory tax rate 25%	356,585	123,468
Reduction of tax rate on first RM 250,000 of chargeable income	(13,350)	(15,350)
Non-deductible expenses	146,913	350,243
Non-taxable income	(432,821)	(332,153)
	57,327	126,208
Over provision of current tax in the previous year	(66,394)	-
Tax expense	<b>(9,067)</b>	<b>126,208</b>

22. Activities committee

	2016 RM	2015 RM
These represent surplus/(deficit) from the following:		
Annual dinner	91,477	(12,905)
Souvenir costs	(8,926)	(3,093)
Seminar/Courses/Materials	(5,418)	(10,219)
Others	(34,689)	(35,006)
	<b>42,444</b>	<b>(61,223)</b>



**23. Admissions and practical training committee**

	<b>2016</b>	<b>2015</b>
	<b>RM</b>	<b>RM</b>
These represent surplus/(deficit) from the following:		
Meeting	(3,462)	(2,512)
Printing/Circulars	(1,775)	(3,664)
Membership Application Form	-	(1,764)
Miscellaneous	896	(2,214)
Membership Drive	(24,242)	(16,397)
CPD income	116,321	81,552
CPD expenses	(21,373)	(18,621)
Incentive for university	(28,204)	(60,010)
	<b>38,161</b>	<b>(23,630)</b>

**24. Examinations and qualifications committee**

	<b>2016</b>	<b>2015</b>
	<b>RM</b>	<b>RM</b>
These represent (deficit)/surplus from the following:		
Professional interview fee	117,982	116,459
Income from examinations	-	9,532
Professional interviewers' fee	(96,898)	(89,275)
Incidental examination expenses	242	(4,319)
PI Workshop	5,005	3,743
Meeting	(2,384)	(3,363)
Other expenses	(63,586)	(29,573)
	<b>(39,639)</b>	<b>3,204</b>

**25. Information and publications committee**

	<b>2016</b>	<b>2015</b>
	<b>RM</b>	<b>RM</b>
These represent surplus/(deficit) from the following:		
Advertisements in bulletin	72,000	72,000
Meeting	(1,558)	(1,155)
Sale of coffee table book	2,786	3,350
Others	(23,104)	(2,335)
	<b>50,124</b>	<b>71,860</b>

**26. Welfare and service matters committee**

	<b>2016</b>	<b>2015</b>
	<b>RM</b>	<b>RM</b>
These represent surplus/(deficit) from the following:		
- Benevolent Income	36,122	30,275
- Engineering Week	20,271	(32,290)
- Other income	4,625	2,585
- Meeting	(1,244)	(1,462)
- Prize for SPM/STPM achievers	(7,565)	(7,650)
- Survey	-	(3,042)
- Corporate Social Responsibility	(5,300)	-
- IEM Family Day	(39,169)	(30,003)
- Jurutera Wargamas	(5,161)	(7,213)
	<b>2,579</b>	<b>(48,800)</b>



27. Corporate affairs committee

	2016 RM	2015 RM
These represent deficit from the following:		
Attending seminars and conference	(79,355)	(32,818)
Public relation	(5,358)	(1,546)
Overseas visitors	(2,270)	(4,963)
Local social functions	(14,640)	(15,747)
Others	(2,458)	(1,843)
	<b>(104,081)</b>	<b>(56,917)</b>

28. Technical divisions

	2016 RM	2015 RM
These represent surplus/(deficit) from the following:		
- Geotechnical Engineering Technical Division	8,731	73,171
- Chemical Engineering Technical Division	28,528	3,038
- Project Management Technical Division	230,774	207,271
- Building Services Engineering Technical Division	72,539	43,003
- Mechanical Engineering Technical Division	44,998	27,806
- Civil and Structural Engineering Technical Division	2,042	22,156
- Electrical Engineering Technical Division	125,133	15,257
- Water Resources Technical Division	1,616	12,224
- Oil & Gas and Mining Engineering Technical Division	4,594	32,590
- Environmental Engineering Technical Division	3,926	14,793
- Highway and Transportation Engineering Technical Division	(3,746)	20,083
- Engineering Education Technical Division	2,537	4,409
- Information Technology Special Interest Group	6,434	5,914
- Agricultural and Food Engineering Technical Division	992	10,708
- Tunneling and Underground Space Engineering Technical Division	63,909	(7,550)
- Electronic Engineering Technical Division	(7,000)	(7,000)
- Marine Engineering & Naval Architecture Technical Division	5,703	5,136
- Public Sector Engineers Special Interest Group	13,665	4,952
- Consulting Engineers Special Interest Group	108	4,188
- Senior SIG	(855)	937
	<b>604,628</b>	<b>493,086</b>

29. Young engineer section

	2016 RM	2015 RM
These represent (expenses)/income incurred in relation to:		
Income		
- Courses, seminar & other activities	61,018	87,471
- Sales of Code of Ethics	165	345
- Interest income on fixed deposits	7,174	7,109
	<b>68,357</b>	<b>94,925</b>
Less: Expenditure		
- AGM and Annual Dinner	(7,873)	(22,878)
- YEAFEO	(4,913)	(10,272)
- Printing and photocopying	(5,690)	(1,274)
- Courses/Seminars and activities	(46,496)	(29,986)
- Others	(17,122)	(30,459)
	<b>(82,094)</b>	<b>(94,869)</b>
	<b>(13,737)</b>	<b>56</b>



30. **Bangunan Ingenieur**

	2016 RM	2015 RM
These represent expenses incurred in relation to:		
Building repairs and maintenance	(55,924)	(70,935)
Building security	(68,735)	(54,858)
Insurance	(3,213)	(3,260)
License fee	(440)	(335)
Quit rent and assessment	(16,197)	(16,217)
Utilities	(97,610)	(89,751)
	(242,119)	(235,356)

31. **Wisma IEM**

	2016 RM	2015 RM
These represent expenses incurred in relation to:		
License fee	(605)	(710)
Building security	(68,735)	(68,604)
Quit rent and assessment	(31,481)	(31,501)
Insurance	(10,585)	(10,970)
Building repairs and maintenance	(50,016)	(48,453)
	(161,422)	(160,238)

32. **Sabah Training Centre**

	2016 RM	2015 RM
These represent expenses incurred in relation to:		
Building repairs and maintenance	(43,500)	(43,500)

33. **Financial instruments**

Categories of financial instruments

	Loan and receivables RM	Available for sale financial assets RM	Financial liabilities at amortised cost RM
<b>2016 Financial assets</b>			
Short term investment	-	48,273	-
Trade and non-trade receivables	2,004,798	-	-
Cash and bank balances	1,305,715	-	-
Fixed deposits with licensed bank	2,604,710	-	-
	5,915,223	48,273	-
<b>Financial liabilities</b>			
Trade and non-trade payables	-	-	4,417,481
Borrowing	-	-	2,198,826
	-	-	6,616,307
<b>2015 Financial assets</b>			
Short term investment	-	50,000	-
Trade and non-trade receivables	2,469,143	-	-
Cash and bank balances	833,193	-	-
Fixed deposits with licensed bank	2,191,845	-	-
	5,544,181	50,000	-



**Financial liabilities**

Trade and non-trade payables	-	-	4,982,465
Borrowing	-	-	3,220,260

8,202,725

**34. Comparative figures**

Changes in comparative figures

Certain comparative figures have been reclassified to conform with current year presentations as follows:

	As restated 2015 RM	As audited 2015 RM
<b>Balance Sheet:</b>		
Trade and non-trade receivables	2,469,143	-
Receivables, deposits and prepayments	-	1,806,918
Amount due from a subsidiary	-	85,167
Subscription in arrears	-	577,058
Trade and non-trade payables	4,982,465	-
Payables and accruals	-	3,209,011
Subscription in advance	-	1,773,454
<b>Income and expenditures:</b>		
Surplus from rental Income	737,059	-
Rental Income	-	1,798,219
Less Expenditure:		
- Bangunan Ingenieur	-	(235,356)
- Wisma IEM	-	(160,238)
- Sabah Training Centre	-	(43,500)
- Depreciation	-	(454,910)
- Finance Costs	-	(290,618)
Salaries and wages	(1,896,006)	(1,772,544)
	(1,158,947)	(1,158,947)

Technical division- Incentive account	(122,339)	-
- Geotechnical Engineering Technical Division	96,335	73,171
- Chemical Engineering Technical Division	3,684	3,038
- Project Management Technical Division	207,271	207,271
- Building Services Engineering Technical Division	60,269	43,003
- Mechanical Engineering Technical Division	37,754	27,806
- Civil and Structural Engineering Technical Division	46,119	22,156
- Electrical Engineering Technical Division	36,211	15,257
- Water Resources Technical Division	19,139	12,224
- Oil & Gas and Mining Engineering Technical Division	33,730	32,590
- Environmental Engineering Technical Division	18,940	14,793
- Highway and Transportation Engineering Technical Division	26,434	20,083
- Engineering Education Technical Division	9,669	4,409
- Information Technology Special Interest Group	6,094	5,914
- Agricultural and Food Engineering Technical Division	10,888	10,708
- Tunneling and Underground Space Engineering Technical Division	(7,550)	(7,550)
- Electronic Engineering Technical Division	(7,000)	(7,000)
- Marine Engineering & Naval Architecture Technical Division	5,136	5,136
- Public Sector Engineers Special Interest Group	7,177	4,952
- Consulting Engineers Special Interest Group	4,188	4,188
- Senior SIG	937	937

493,086

493,086





**35. 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 these activities 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 20 March 2017.



**STATEMENT BY THE COUNCIL**

In the opinion of the Council, the accompanying financial statements as set out on pages 202 to 221 are drawn up in accordance with the Malaysian Private Entities Reporting Standard ("MPERS") and the constitution and by-laws of the Institution.

Signed on behalf of the Council:

.....  
**Ir. TAN YEAN CHIN**  
**President**

Petaling Jaya

.....  
**Dr. WANG HONG KOK**  
**Hon Treasurer**

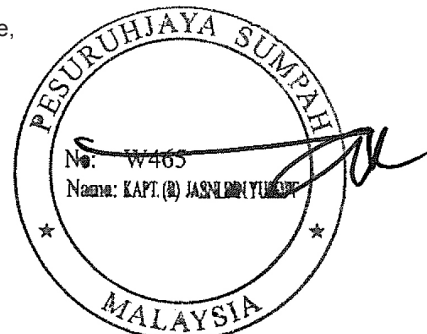
**STATUTORY DECLARATION BY THE OFFICER PRIMARILY RESPONSIBLE FOR THE FINANCIAL MANAGEMENT OF THE INSTITUTION**

I, Dr. WANG HONG KOK, being 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 202 to 221 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 20 March 2017 )

.....  
**Dr. WANG HONG KOK**  
**Hon Treasurer**

Before me,



.....  
**COMMISSIONER FOR OATHS**  
Lot 1.08, Tingkat 1,  
Bangunan KWSP, Jln Raja Laut  
50350 Kuala Lumpur.  
Tel: 019-6680745



**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**

**Qualified Opinion**

We have audited the financial statements of the Institution of Engineers, Malaysia ("the Institution"), which comprise the Statement of Financial Position as at 31 December 2016, the Statement of Income and Expenditure, Statement of Recognised Gains and Losses and Statement of Cash Flows for the financial year then ended, and notes to the financial statements, including a summary of significant accounting policies, as set out on pages 205 to 221.

In our opinion, except for the possible effects of the matter described in the Basis for Qualified Opinion section of our report, the accompanying financial statements give a true and fair view of the financial position of the Institution as at 31 December 2016, and of its financial performance and its cash flows for the financial year then ended in accordance with Malaysian Private Entities Reporting Standard ("MPERS"), the constitution and by laws of the Institution.

**Basis for Qualified Opinion**

The Institution has not consolidated the financial position and financial performance and cash flows of its subsidiaries as disclosed in Note 4 to the financial statements as the financial statements of the subsidiaries have not been audited at the date of preparation of the financial statements and this report. This is a departure from Section 9 Consolidated and Separate Financial Statements of MPERS which requires a parent entity to present consolidated financial statements in which it consolidates its investments in subsidiaries, and for the consolidated financial statements to include all subsidiaries of the parent.

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 Institution in accordance with the By-Laws (on Professional Ethics, Conduct and Practice) of the Malaysian Institute of Accountants ("By-Laws") and the International Ethics Standards Board for Accountants' 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 ("the Council") is responsible for the preparation of financial statements of the Institution that give a true and fair view in accordance with MPERS, and the constitution and by laws of the Institution. The Council is also responsible for such internal control as the Council determines is necessary to enable the preparation of financial statements of the Institution that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements of the Institution, the Council is responsible for assessing the Institution's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless there is an intention to dissolve the Institution 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 Institution as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with approved standards on auditing in Malaysia and International Standards on Auditing will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with approved standards on auditing in Malaysia and International Standards on Auditing, we exercise professional judgement and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements of the Institution, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.



- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Institution's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the directors.
- Conclude on the appropriateness of the directors' use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Institution's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the financial statements of the Institution or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Institution to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements of the Institution, including the disclosures, and whether the financial statements of the Institution represent the underlying transactions and events in a manner that achieves fair presentation.

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

#### Other Matters

This report is made solely to the Council, in accordance with Section 26 of the Societies Act 1966 in Malaysia, and for no other purpose. We do not assume responsibility to any other person for the content of this report.

PKF  
AF 0911  
CHARTERED ACCOUNTANTS

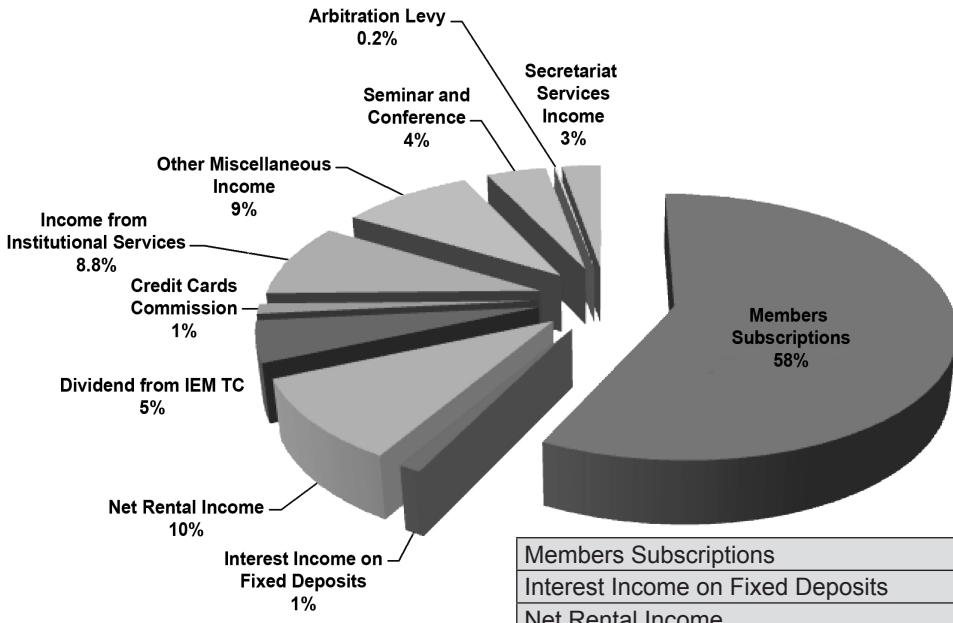
Kuala Lumpur

20 March 2017

BRIAN WONG WYE PONG  
2610/04/17(J)  
CHARTERED ACCOUNTANT

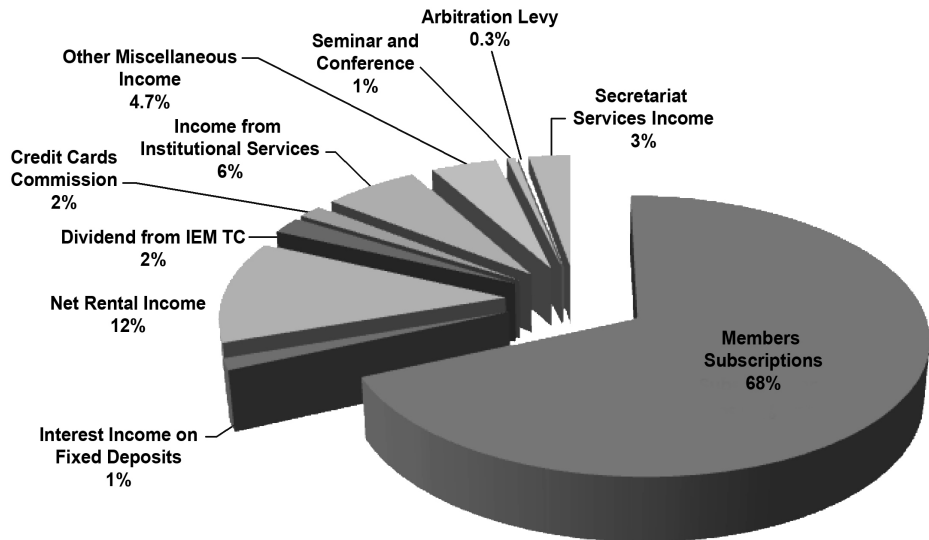


**Income for the year 2016 Total income RM6,005,611**



Members Subscriptions	3,440,942
Interest Income on Fixed Deposits	66,117
Net Rental Income	599,924
Dividend from IEM TC	301,856
Credit Cards Commission	75,766
Income from Institutional Services	544,686
Seminar & Conference Income	250,801
Secretariat Services Income	163,506
Other Miscellaneous Income	550,651
Arbitration Levy	11,362

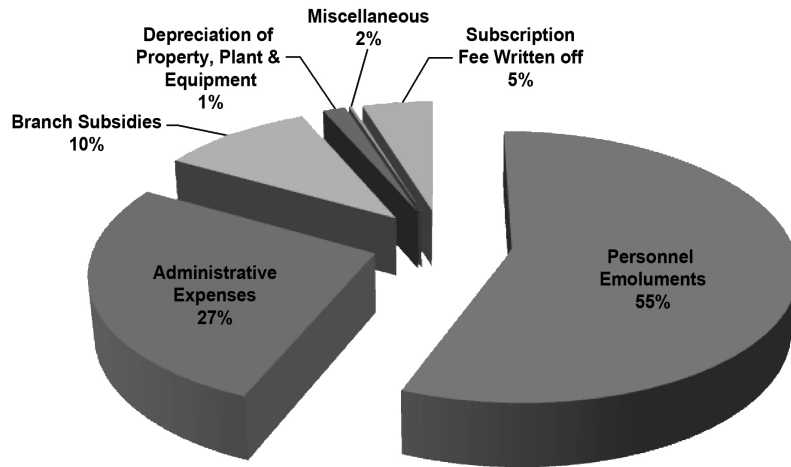
**Income for the year 2015 Total income RM5,042,216**



Members Subscriptions	3,446,637
Interest Income on Fixed Deposits	69,273
Net Rental Income	613,597
Seminar and Conference Income	31,420
Credit Cards Commission	82,517
Dividend from IEM TC	101,733
Institutional Services	318,139
Arbitration Levy	15,328
Secretariat Services Income	140,607
Other Miscellaneous Income	222,965

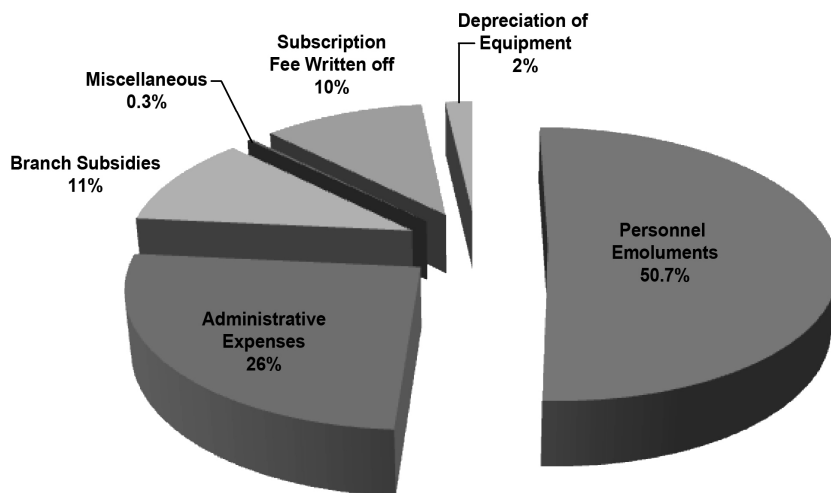


**Expenses for the year 2016 Total Expenses RM4,550,160**



Personnel Emoluments	2,508,251
Administrative Expenses	1,209,311
Branch Subsidies	458,570
Subscription Fee Written off	212,277
Depreciation of Equipment	69,669
Miscellaneous	92,082

**Expenses for the year 2015 Total Expenses RM4,548,345**



Personnel Emoluments	2,312,031
Administrative Expenses	1,168,368
Branch Subsidies	489,950
Subscription Fee Written off	483,486
Depreciation of Equipment	82,290
Miscellaneous	12,220





**HONORARY INTERNAL AUDITOR'S REPORT**

I have examined the Balance Sheet as at 31st December 2016, the Income and Expenditure Account together with Notes on the Accounts set out on pages 232 to 237, 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. TIONG NGO PU**  
 Honorary Internal Auditor

.....  
**Ir. AWANGKU HIDUP BIN AWANGKU HOSAIN**  
 Honorary Internal Auditor

**STATEMENT BY COUNCIL**

In the opinion of the Council, the financial statements as set out on pages 230 to 237 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. TAN YEAN CHIN**  
 President

Petaling Jaya

.....  
**Dr. WANG HONG KOK**  
 Hon Treasurer

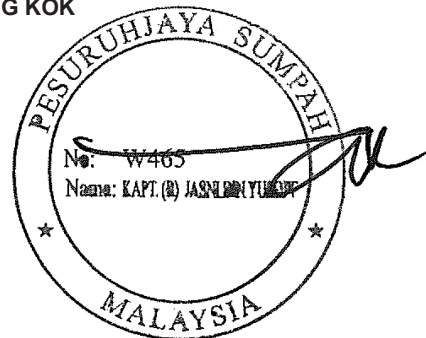
**STATUTORY DECLARATION BY THE OFFICER PRIMARILY RESPONSIBLE FOR THE FINANCIAL MANAGEMENT OF THE EDUCATION FUND OF THE INSTITUTION OF ENGINEERS, MALAYSIA**

I, Dr WANG HONG KOK, 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 230 to 237 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 20 March 2017 )

.....  
**Dr. WANG HONG KOK**  
 Hon Treasurer

Before me,



Lot 1.08, Tingkat 1,  
 Bangunan KWSP, Jln Raja Laut  
 COMMISSIONER FOR OATHS  
 50350 Kuala Lumpur.  
 Tel: 019-6680745



## REPORT OF THE INDEPENDENT AUDITORS 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 2016, 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 232 to 237.

In our opinion, the accompanying financial statements give a true and fair view of the financial position of the Fund as at 31 December 2016, 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**

1. The Fund adopted Malaysian Private Entities Reporting Standard on 1 January 2016 with a transition date of 1 January 2015. These standards were applied retrospectively by the Council to the comparative information in these financial statements, including the statements of financial position of the Fund as at 31 December 2015, and the statements of comprehensive income, statements of changes in equity and statements of cash flows of the Fund for the year ended 31 December 2015 and related disclosures. We were not engaged to report on the restated comparative information and it is unaudited. Our responsibilities as part of our audit of the financial statements of the Fund for the year ended 31 December 2016, in these circumstances, included obtaining sufficient appropriate audit evidence that the opening balances as at 1 January 2016 do not contain misstatements that materially affect the financial position as at 31 December 2016 and the financial performance and cash flows for the year then ended.
2. 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

20 March 2017

BRIAN WONG WYE PONG  
2610/04/17 (J)  
CHARTERED ACCOUNTANT



## STATEMENT OF INCOME AND EXPENDITURE FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

	Note	2016 RM	2015 RM
<b>Income</b>			
Donation received		127,881	54,757
Bank interest		919	820
Fixed deposit interest income		37,433	37,087
		<b>166,233</b>	<b>92,664</b>
<b>Less: Expenditure</b>			
Auditors' remuneration		2,000	2,000
Amortised cost adjustment		248,109	-
Bank charges		316	64
Professional fees and tax services		1,756	1,733
Sponsorship expenses		101,220	77,746
Scholarship		46,000	40,500
		<b>399,401</b>	<b>122,043</b>
<b>Deficit before tax</b>		<b>(233,168)</b>	<b>(29,379)</b>
Tax expense	3	-	-
<b>Deficit for the financial year</b>		<b>(233,168)</b>	<b>(29,379)</b>
Accumulated funds brought forward		2,559,246	2,588,625
		<b>2,326,078</b>	<b>2,559,246</b>

## STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2016

	Note	2016 RM	2015 RM
<b>Non-current assets</b>			
Property, plant and equipment	4	-	-
Intangible asset	5	-	-
Non-trade receivables	6	888,534	-
		<b>888,534</b>	<b>-</b>
<b>Current assets</b>			
Non-trade receivables	6	88,094	1,284,915
Tax recoverable		3,189	3,189
Fixed deposits	7	1,181,702	1,144,130
Cash and cash equivalents		183,149	145,602
		<b>1,456,134</b>	<b>2,577,836</b>
		<b>2,344,668</b>	<b>2,577,836</b>
<b>Financed by:</b>			
Accumulated funds		2,559,246	2,588,625
Deficit for the financial year		(313,168)	(29,379)
		<b>2,326,078</b>	<b>2,559,246</b>
<b>Current liability</b>			
Non-trade payables and accruals	8	18,590	18,590
		<b>2,344,668</b>	<b>2,577,836</b>

## STATEMENT OF RECOGNISED GAINS AND LOSSES FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

	Note	2016 RM	2015 RM
<b>Deficit for the financial year</b>		<b>(233,168)</b>	<b>(29,379)</b>



## STATEMENT OF CASH FLOWS FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

	Note	2016 RM	2015 RM
<b>Cash flows from operating activities</b>			
Deficit before tax		(233,168)	(29,379)
Adjustments for:			
Amortised cost adjustment		248,109	-
Interest income		(46,585)	(45,109)
		<hr/>	<hr/>
<b>Operating deficit before working capital changes</b>		(31,644)	(74,488)
Decrease in non-trade receivables		68,272	52,444
<b>Cash generated from/(used in) operations</b>		36,628	(22,044)
Interest received		919	820
<b>Net cash generated from/(used in) operating activities</b>		37,547	(21,224)
<b>Net increase/(decrease) in cash and cash equivalents</b>		37,547	(21,224)
<b>Cash and cash equivalents at 1 January</b>		145,602	166,826
<b>Cash and cash equivalents at 31 December</b>		<b>183,149</b>	<b>145,602</b>

Cash and cash equivalents comprise cash and bank balances.



## NOTES TO THE FINANCIAL STATEMENTS AS AT 31 DECEMBER 2016

**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.

In the previous years, the financial statements of the the Fund were prepared in accordance with approved accounting standards. These are the Fund's first financial statements prepared in accordance with MPERS and Section 35 Transition to the MPERS has been applied.

In October 2015, the MASB issued amendments to MPERS that are effective for financial statements beginning on or after 1 January 2017, with early application permitted. The Company has opted to apply the amendments for the current year ended 31 December 2016 early.

The transition to MPERS does not have financial impact to the financial statement of the Fund.

**(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 profit or loss 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 profit or loss.

#### (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 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.

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 profit or loss 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 profit or loss 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 profit or loss 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 profit or loss 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 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 profit or loss.

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 profit or loss.

### (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 profit or loss.

**(h) 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 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 2016 is exempted from tax under Paragraph 13(a) of Schedule 6 of the Act.



## 4. Property, plant and equipment

2016/2015	Office equipment RM	Furniture and fittings RM	Computers RM	Total RM
<b>Cost</b>				
At 1 January/31 December	32,645	41,050	20,348	94,043
<b>Accumulated depreciation</b>				
Accumulated depreciation	32,645	41,050	20,348	94,043
<b>Carrying value</b>				
At 31 December 2015/2014	-	-	-	-

## 5. Intangible asset

Software	2016 RM	2015 RM
<b>Cost</b>		
At 1 January/31 December	63,482	63,482
<b>Amortisation</b>		
At 1 January/31 December	63,482	63,482
<b>Carrying value</b>		
At 31 December	-	-

## 6. Non-trade receivables

	2016 RM	2015 RM
Non-trade receivables	1,224,737	1,284,915
Less: Amortised cost adjustment		
At 1 January	-	-
Add: Current year adjustment	(248,109)	-
At 31 December	(248,109)	-
	<b>976,628</b>	<b>1,284,915</b>
Representing:		
Current	88,094	1,284,915
Non-current	888,534	-
	<b>976,628</b>	<b>1,284,915</b>

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.

In prior year, the amount represents non-trade balances which is unsecured, interest free and repayable on demand.

## 7. Fixed deposits

The fixed deposits with licensed bank at the end of the financial year earned interest at 3.20% - 3.30% (2015: 3.15% - 3.30%) per annum and with an average maturity of 12 (2015: 12) months.



**8. Non-payables and accruals**

	<b>2016</b>	<b>2015</b>
	<b>RM</b>	<b>RM</b>
Non-trade payables	16,590	16,590
Accruals	2,000	2,000
	<b>18,590</b>	<b>18,590</b>

**9. General information**

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 20 March 2017.

